

# TYPE SPECIMENS IN THE A.J. COOK ARTHROPOD RESEARCH COLLECTION

- [ACARI](#)
- [COLEOPTERA](#)
- [DIPTERA](#)
- [HEMIPTERA](#)
- [HYMENOPTERA](#)
- [LEPIDOPTERA](#)
- [MECOPTERA](#)
- [PROTURA](#)

## ACARI TYPES

(All the Acari types are mounted on slides)

### PODALOPODIDAE

- *Eutarsopolipus davidsoni* Husband, 2000  
HOLOTYPE + ALLOTYPE  
USA: Michigan
- *Eutarsopolipus fischeri* Husband, 1998  
HOLOTYPE + ALLOTYPE  
USA: Michigan
- *Eutarsopolipus scariteus* Husband, 2001  
HOLOTYPE + ALLOTYPE  
USA: Louisiana
- *Podapolipus klompeni* Husband and Husband, 2006  
HOLOTYPE  
USA: Florida
- *Regenpolipus madrasensis* Husband and Ramaraju, 2006  
HOLOTYPE  
India

## COLEOPTERA TYPES

### BUPRESTIDAE

- *Pachyschelus confusus* Wellso and Manley, 1976  
HOLOTYPE + ALLOTYPE  
USA: Michigan

## CARABIDAE

- ***Brachinus atbarae* Stehr, 1950**  
HOLOTYPE + ALLOTYPE  
Canada: British Columbia  
Synonym of *Brachinus fumans* (Fabricius, 1781)
- ***Bradytus celianus* Stehr, 1949**  
HOLOTYPE  
USA: New Mexico  
*Amara celiana*
- ***Bradytus novellus* Stehr, 1949**  
HOLOTYPE + ALLOTYPE  
USA: Texas  
*Amara novella*
- ***Bradytus vegasensis* Stehr, 1949**  
HOLOTYPE  
USA: New Mexico  
*Amara vegasensis*
- ***Loxandrus rossi* Allen, 1972**  
HOLOTYPE  
USA: Arkansas
- ***Tachyura barnesi* Stehr, 1947**  
HOLOTYPE  
USA: Ohio?  
Synonym of *Elaphropus tripunctatus* (Say, 1830)

## CHRYSOMELIDAE

- ***Glyptina abbreviata* Gentner, 1924**  
HOLOTYPE  
USA: Wisconsin
- ***Longitarsus menthae* Gentner, 1925**  
HOLOTYPE  
USA: Michigan  
Synonym of *Longitarsus ferrugineus* (Foudras, 1860)
- ***Saxinus basilaris tepicense* Moldenke, 1970**  
HOLOTYPE  
Mexico  
(status unknown)

## CLERIDAE

- ***Aphelocerus ciliaris* Opitz, 2005**  
HOLOTYPE  
Mexico

## COCCINELLIDAE

- *Scymnus ohioensis* Stehr, 1946  
HOLOTYPE  
USA: Ohio  
Synonym of *Diomus liebecki* (Horn, 1895)

## CURCULIONIDAE

- *Conophthorus banksianae* McPherson, 1970  
HOLOTYPE + ALLOTYPE  
USA: Michigan  
Synonym of *Conophthorus resinosae* Hopkins, 1915
- *Orthotomicus chaokhao* Cognato, 2008  
HOLOTYPE  
Thailand

## EROTYLIDAE

- *Pseudischyrus ventriloquax* Boyle, 1956  
HOLOTYPE  
USA: Georgia

## HYDROPHILIDAE

- *Laccobius arenarius* Cheary, 1971  
HOLOTYPE  
USA: Michigan  
(labeled as *Laccobius arenarius* Willson = manuscript name from unpublished thesis)
- *Laccobius spangleri* Cheary, 1971  
HOLOTYPE  
USA: Michigan  
(labeled as *Laccobius spangleri* Willson = manuscript name from unpublished thesis)

## TENEBRIONIDAE

- *Argoporis craigi* Berry, 1980  
HOLOTYPE + ALLOTYPE  
Mexico
- *Argoporis durangoensis* Berry, 1980  
HOLOTYPE + ALLOTYPE  
Mexico

## DIPTERA TYPES

### ASILIDAE

- *Laphria calvescenta* Baker & Fischer, 1975  
HOLOTYPE  
USA: Michigan

## DOLICHOPODIDAE

- ***Dolichopus tenuipes*** Aldrich, 1894  
"TYPES" (2) (= SYNTYPES?)  
USA: Idaho
- ***Hygroceleuthus idahoensis*** Aldrich, 1894  
"TYPES" (3) (= SYNTYPES?)  
USA: Idaho  
*Dolichopus idahoensis*

## EMPIDIDAE

- ***Syneches vittatus*** Wilder, 1974  
HOLOTYPE + ALLOTYPE  
USA: Arizona

## EPHYDRIDAE

- ***Notiphila taenia*** Mathis, 1979  
HOLOTYPE + ALLOTYPE  
USA: Michigan
- ***Pelina truncatula bispinosa*** Clausen, 1973  
HOLOTYPE  
USA: California  
*Pelina bispinosa*

## PELECORHYNCHIDAE

- ***Pelecorhynchus vulpes*** Macquart, 1850  
ALLOTYPE  
Chile: Angol  
Allotype (male) designated by C.B. Philip 1960

## PHORIDAE

- ***Apocephalus palposus*** Borgmeier, 1963  
"COTYPUS" (= SYNTYPE?)  
Mexico: Morelos
- ***Beckerina relicata*** Borgmeier, 1963  
"COTYPUS" (= SYNTYPE?)  
USA: Michigan  
Synonym of *Beckerina luteola* Malloch, 1919
- ***Coniceromyia auristriata*** Borgmeier, 1963  
"COTYPUS" (4) (= SYNTYPES?)  
Mexico: Veracruz
- ***Coniceromyia mexicana*** Borgmeier, 1963  
"COTYPUS" (3) (= SYNTYPES?)  
Mexico: Morelos

- ***Plastophora subconvexa*** Borgmeier, 1963  
"COTYPUS" (= SYNTYPE?)  
USA: Michigan  
Homonym; nom.nov. = *Megaselia chainensis* Disney, 1985

## STRATIOMYIDAE

- ***Berismyia nigripes*** McFadden, date?  
HOLOTYPE  
Mexico: Morelos  
(status unknown)
- ***Merosargus brunnipes*** McFadden, 1971  
HOLOTYPE  
Mexico: Veracruz
- ***Merosargus pallidus*** McFadden, 1971  
HOLOTYPE + ALLOTYPE  
Mexico: Veracruz
- ***Merosargus scrobiculus*** McFadden, 1971  
HOLOTYPE + ALLOTYPE  
Mexico: Veracruz

## TABANIDAE

- ***Scaptia aureopygia*** Philip, 1969  
HOLOTYPE  
Bolivia: Cochabamba
- ***Scaptia sublata*** Philip, 1966?  
HOLOTYPE  
Bolivia: Cochabamba  
(status unknown)
- ***Tabanus monokini*** Philip, 1966  
HOLOTYPE  
Mexico: Sinaloa

## TACHINIDAE

- ***Ptilodexia maculata*** Wilder, 1979  
HOLOTYPE  
USA: New Mexico
- ***Ptilodexia sabroskyi*** Wilder, 1979  
HOLOTYPE  
USA: California
- ***Siphona rizaba*** O'Hara, 1982  
HOLOTYPE + ALLOTYPE  
Mexico: Veracruz

## TEPHRITIDAE

- ***Quasicooronga connecta*** Hardy and Drew, 1996  
HOLOTYPE  
Australia: Victoria
- ***Quasicooronga disconnecta*** Hardy and Drew, 1996  
HOLOTYPE + ALLOTYPE  
Australia: N.S.W.
- ***Tephritis protrusa*** Hardy and Drew, 1996  
HOLOTYPE + ALLOTYPE  
Australia: Queensland

## HEMIPTERA TYPES

### CERCOPIIDAE

- ***Lepyronia fenna*** Hamilton, date?  
HOLOTYPE  
USA: Michigan  
(status unknown – possibly a manuscript name)

### CICADELLIDAE

- ***Athysanus instabilis*** Van Duzee, 1893  
“TYPES” (2) (= SYNTYPES?)  
USA: Michigan  
*Opiola instabilis*
- ***Chloroneura abnormis*** Walsh, 1862  
“TYPE”  
No locality data. Accessioned to MSU collection 21 April 1891.  
No determination label on specimen but was in tray labeled  
*Chloroneura abnormis* Walsh  
*Dikraneura abnormis*
- ***Empoasca atrolabes*** Gillette, 1898  
“TYPES” (3) (= SYNTYPES?)  
USA: Michigan
- ***Idiocerus nervatus*** Van Duzee, 1894  
“TYPE”  
USA: Michigan  
No determination label on specimen but was in tray labeled *Idiocerus nervatus* V.D.
- ***Typhlocyba illinoiensis*** Gillette, 1898  
“TYPE”  
USA: Illinois  
*Zygina illinoiensis* (Gillette)

## MIRIDAE

- ***Dichrooscytus elegans*** Uhler, 1904  
"TYPE" (3 specimens on 1 pin)  
USA: Michigan?  
Preoccupied: nom.nov. = *Dichrooscytus uhleri* Wheeler and Henry, 1975
- ***Orthotylus delicatus*** Cook, 1891  
LECTOTYPE, designated by R.F. Hussey, 1922  
USA: Michigan  
Preoccupied: nom.nov. = *Brooksetta althaeae* (Hussey, 1922)
- ***Plagiognathus albatrus*** Uhler, date?  
"TYPE"  
USA: Michigan.  
(status unknown – possibly a manuscript name)
- ***Phylus pallipes*** Uhler, date?  
"TYPE"  
USA: Michigan?  
(status unknown – possibly a manuscript name)

## SALDIDAE

- ***Saldoida turbaria*** Schuh, 1967  
HOLOTYPE  
USA: Michigan

## HYMENOPTERA TYPES

### ANDRENIDAE

- ***Andrena dreisbachorum*** LaBerge, 1966  
HOLOTYPE + ALLOTYPE  
Mexico: Morelos
- ***Andrena fumosa*** LaBerge, 1966  
HOLOTYPE  
Mexico: Hidalgo
- ***Andrena levigata*** LaBerge, 1966  
HOLOTYPE  
Mexico: Michoacan
- ***Andrena limatula*** LaBerge, 1966  
ALLOTYPE  
Mexico: Veracruz
- ***Andrena rubens*** LaBerge, 1966  
HOLOTYPE + ALLOTYPE  
Mexico: Amecameca  
(Note: Holotype damaged by dermestids)
- ***Heterosarus dreisbachi*** Timberlake, 1975  
"TYPE" (HOLOTYPE?)

Mexico: Morelos

*Pseudopanurgus dreisbachi*

- ***Heterosarus lugubris*** Timberlake, 1975  
"TYPE" (HOLOTYPE?) + ALLOTYPE  
Mexico: Mexico St.  
*Pseudopanurgus lugubris*
- ***Pseudopanurgus impiger*** Timberlake, date?  
"TYPE" (HOLOTYPE?)  
Mexico: Veracruz  
(status unknown - possibly a manuscript name)
- ***Pterosarus affabilis*** Timberlake, date?  
"TYPE" (HOLOTYPE?)  
Mexico: Morelos  
(status unknown - possibly a manuscript name)
- ***Pterosarus blandus*** Timberlake, date?  
HOLOTYPE  
Mexico: Durango  
(status unknown - possibly a manuscript name)
- ***Pterosarus euglossatus*** Timberlake, date?  
"TYPE" (HOLOTYPE?)  
Mexico: Colima  
(status unknown - possibly a manuscript name)
- ***Pterosarus imparilis*** Timberlake, date?  
HOLOTYPE  
Mexico: Mexico St.  
(status unknown - possibly a manuscript name)
- ***Pterosarus lautus*** Timberlake, date?  
HOLOTYPE  
Mexico: Guerrero  
(status unknown - possibly a manuscript name)
- ***Pterosarus nigripes*** Timberlake, date?  
HOLOTYPE  
Mexico: Mexico St.  
(status unknown - possibly a manuscript name)
- ***Pterosarus punctiventris*** Timberlake, date?  
HOLOTYPE  
USA: Colorado  
(status unknown - possibly a manuscript name)

## APIDAE

- ***Nomada dreisbachelorum*** Moalif, 1988  
HOLOTYPE  
Mexico: Amecameca

- ***Nomada tepoztlan* Moalif, 1988**  
HOLOTYPE  
Mexico: Morelos
- ***Plebeia pichincha* Camargo, 1995**  
HOLOTYPE  
Ecuador: Pichincha Prov.

## BETHYLIDAE

- ***Pristocera dreisbachi* Evans, 1977**  
HOLOTYPE  
Mexico: Veracruz

## BRACONIDAE

- ***Aphidius persiaphis* Cook, 1891**  
"TYPES" (4) (= SYNTYPES?)  
USA: Michigan?  
Synonym of *Lysiphlebus testaceipes* (Cresson, 1880)
- ***Meteorus bakeri* Cook and Davis, 1891**  
"TYPES" (2) (= SYNTYPES?)  
USA: Michigan?
- ***Sarops dreisbachi* Reigel, 1982**  
HOLOTYPE  
USA: Michigan

## ICHNEUMONIDAE

- ***Adelognathus flavopictus* Davis, 1897**  
"TYPE" (= SYNTYPE)  
USA: Michigan
- ***Aptesis major* Davis, 1893**  
"TYPE"  
USA: Michigan  
Synonym of *Agrothereutes abbreviator* (Fabricius, 1793)
- ***Barylypa dakota* Dasch, 1984**  
HOLOTYPE  
USA: South Dakota
- ***Chorinaeus pleturus* Davis, 1897**  
"TYPE" (= HOLOTYPE)  
USA: Michigan?  
Synonym of *Chorinaeus longicalcar* Thomson, 1887
- ***Cremastus fuscatus* Dasch, 1979**  
HOLOTYPE  
USA: Michigan

- ***Cremastus pimarum*** Dasch, 1979  
HOLOTYPE  
USA: Arizona
- ***Erigorgus attenuatus*** Dasch, 1984  
HOLOTYPE  
USA: Michigan
- ***Giraudia semiflava*** Townes and Gupta, 1962  
HOLOTYPE  
USA: Michigan
- ***Ischnocerus nigricapitatus*** Cook and Davis, 1891  
"TYPE"  
USA: Michigan  
*Acrolyta nigricapitata*
- ***Mesochorus dreisbachi*** Dasch, 1971  
HOLOTYPE  
USA: Utah
- ***Mesochorus veracruz*** Dasch, 1971  
HOLOTYPE  
Mexico: Veracruz
- ***Metopius errantia*** Davis, 1897  
HOLOTYPE  
USA: Michigan
- ***Oetophorus osflavus*** Davis, 1897  
HOLOTYPE  
USA; Michigan  
*Trematopygodes osflavus*
- ***Polycinetus solitarius*** Davis, 1898  
HOLOTYPE + "TYPE" (= SYNTYPE?)  
USA: Michigan  
*Xenoschesis solitarius*
- ***Polyoncus platynus*** Davis, 1898  
"TYPE"  
USA: Michigan  
*Lathrolestes platynus*
- ***Temelucha asperata*** Dasch, 1979  
HOLOTYPE  
USA: Michigan
- ***Temelucha lanceolata*** Dasch, 1979  
HOLOTYPE  
USA: Michigan
- ***Temelucha multipunctata*** Dasch, 1979  
HOLOTYPE  
USA: Missouri

- ***Trathala assita*** Dasch, 1979  
HOLOTYPE  
USA: Missouri
- ***Trathala clara*** Dasch, 1979  
HOLOTYPE  
USA: Michigan
- ***Trathala davisii*** Dasch, 1979  
HOLOTYPE  
USA: Michigan
- ***Trathala insignis*** Dasch, 1979  
HOLOTYPE  
USA: Michigan
- ***Trematopygodes propinquator*** Hinz, 1979  
HOLOTYPE  
USA: Michigan  
(status unknown - possibly a manuscript name)
- ***Trematopygus fuscus*** Davis, 1897  
"TYPE" (= SYNTYPE)  
USA: Michigan  
Synonym of *Rhorus hervieuxii* (Provancher, 1879)
- ***Trematopygus rotundatus*** Davis, 1897  
"TYPE" (= SYNTYPE)  
No locality data
- ***Trieceus densus*** Townes, 1959  
HOLOTYPE  
USA: Michigan
- ***Venturia dreisbachi*** Wahl, 1985  
HOLOTYPE  
Mexico: Teotihuacan

## ICHNEUMONIDAE "STATUS UNKNOWN"

R.R. Dreisbach was working on many new species descriptions at the time of his death in 1964. He had designated and labeled type specimens for the following species. However, no literature or catalogue listing for this species name described by Dreisbach could be found. We suspect that this is a manuscript name that was never published.

- ***Colpotrochia (Scallama) nigra*** Dreisbach  
HOLOTYPE  
Mexico: Teotihuacan  
(Probably a manuscript name)

## POMPILIDAE

- ***Anoplius subtarsatus*** Dreisbach, 1950  
HOLOTYPE

USA: North Carolina

Synonym of *Anoplius papago* Banks, 1941

- ***Auplopus pratens*** Dreisbach, 1963  
HOLOTYPE  
Brazil: Nova Teutonia  
(supposed to be in Townes collection?)
- ***Priocnessus nigropectus*** Dreisbach, 1961  
HOLOTYPE  
Mexico:  
(supposed to be at Acad. Nat. Sciences, Philadelphia?)

## POMPILIDAE “STATUS UNKNOWN”

R.R. Dreisbach was working on many new species descriptions at the time of his death in 1964. He had designated and labeled type specimens for all the following species. However, no literature or catalogue listings for these species names described by Dreisbach could be found. We suspect that these are only manuscript names that were never published. Many of these specimens undoubtedly belong to other institutions, but we do not have Dreisbach’s old loan records to determine ownership. However, notes by Howard Evans, MCZ, designating the planned disposition of the various type specimens were placed with each type series. It is unknown to us why this material was not returned in the past. However, we feel that retaining all the specimens together for now, rather than trying to return them with only manuscript names attached, will make it easier for someone in the future to verify or complete the work Dreisbach started.

- ***Ageniella caerulea*** Dreisbach  
“HOLOTYPE” + associated genitalia slide  
Ecuador: Rio Pastaza  
(Probably a manuscript name)
- ***Ageniella nigritibia*** Dreisbach  
“HOLOTYPE” + 1 “PARATYPE”  
Argentina: Salto Pocitos  
(Probably a manuscript name)
- ***Ageniella rufitibia*** Dreisbach  
“HOLOTYPE”  
Argentina: Prov. B.A.S.  
(Probably a manuscript name)
- ***Alasagenia auripilis*** Dreisbach  
“HOLOTYPE” + associated genitalia slide  
Brazil: Chapada  
(Probably a manuscript name)
- ***Alasagenia brevis*** Dreisbach  
“HOLOTYPE” + associated genitalia slide  
Brazil: Santarem  
(Probably a manuscript name)

- ***Alasagenia nigra*** Dreisbach  
 "HOLOTYPE" + 2 ♂ "PARATYPES" + associated genitalia slides  
 "ALLOTYPE" + 3 ♀ "PARATYPES"  
 Mexico: Colima  
 (Probably a manuscript name)
- ***Alasagenia rufofemorata*** Dreisbach  
 "HOLOTYPE"  
 Brazil: Nova Teutonia  
 (Probably a manuscript name)
- ***Ameragenia aethiops*** Dreisbach  
 "HOLOTYPE" + "PARATYPE"  
 Colombia: La Union  
 (Probably a manuscript name)
- ***Ameragenia miniata*** Dreisbach  
 "HOLOTYPE"  
 Colombia: Cincinnati ?  
 (Probably a manuscript name)
- ***Anacyphonyx feredubiosa*** Dreisbach  
 "HOLOTYPE" + associated genitalia slide + 3 "PARATYPES"  
 Brazil: Sao Paulo  
 (Probably a manuscript name)
- ***Anacyphonyx nigripennis*** Dreisbach  
 "HOLOTYPE" + 3 "PARATYPES"  
 Brazil: Mato Grosso  
 (Probably a manuscript name)
- ***Anacyphonyx quadrimaculata*** Dreisbach  
 "HOLOTYPE" + associated genitalia slide  
 Argentina: Goyaz  
 (Probably a manuscript name)
- ***Auplopus auripilosus*** Dreisbach  
 "HOLOTYPE"  
 Fr. Guiana: Mana River  
 (Probably a manuscript name)
- ***Auplopus cymatilis*** Dreisbach  
 "HOLOTYPE"  
 No locality given  
 (Probably a manuscript name)
- ***Auplopus isoprattens*** Dreisbach  
 "HOLOTYPE" + 4 "PARATYPES"  
 Brazil: Cayenne  
 (Probably a manuscript name)
- ***Auplopus perinesos*** Dreisbach  
 "HOLOTYPE"

Brazil: Oucatopi Isd.

(Probably a manuscript name)

- ***Austrochares mexicanus*** Dreisbach  
“HOLOTYPE” + “ALLOTYPE” + 5 “PARATYPES”  
Mexico: Veracruz, Minatitlan  
(Probably a manuscript name)  
All specimens heavily damaged by dermestids
- ***Brevicrus niger*** Dreisbach  
“HOLOTYPE” + 2 “PARATYPES”  
Brazil: Sao Paulo  
(Probably a manuscript name)
- ***Bulbogenia bellula*** Dreisbach  
“HOLOTYPE”  
Brazil: San Leopoldo  
(Probably a manuscript name)
- ***Chirodamus rufotibialis*** Dreisbach  
“HOLOTYPE” + 5 “PARATYPES” + associated genitalia slides  
Argentina: Prov. B.A.S.  
(Probably a manuscript name)
- ***Dipogon auricomus*** Dreisbach  
“HOLOTYPE” + “PARATYPE”  
Mexico: Veracruz  
(Probably a manuscript name)
- ***Dipogon gratus*** Dreisbach  
“HOLOTYPE”  
Honduras: Morazan  
(Probably a manuscript name)
- ***Haploneurion nitidus*** Dreisbach, 1958  
“ALLOTYPE ♂” + associated genitalia slide + “PARATYPE”  
Chile  
This is a valid species, but the Allotype was not designated in the original description.
- ***Isopriocnemis bifasciata*** Dreisbach  
“HOLOTYPE”  
Chile: Santiago  
(Probably a manuscript name)  
Specimen almost completely destroyed by dermestids
- ***Minagenia aethiops*** Dreisbach  
“HOLOTYPE” + associated genitalia slide  
Costa Rica: Turialba  
(Probably a manuscript name)
- ***Minagenia alboclypeus*** Dreisbach  
“HOLOTYPE” + 3 ♂ “PARATYPES” + 2 associated genitalia slides  
“ALLOTYPE” + 2 ♀ “PARATYPES”

Panama: Barro Colorado Isl.

(Probably a manuscript name)

- ***Minagenia austrina*** Dreisbach  
“HOLOTYPE” + 2 “PARATYPES” + associated genitalia slides  
Mexico: Chaipas  
(Probably a manuscript name)
- ***Minagenia evansi*** Dreisbach  
“HOLOTYPE” + 3 “PARATYPES” + associated genitalia slides  
Mexico: Morelos  
(Probably a manuscript name)
- ***Minagenia kayae*** Dreisbach  
“HOLOTYPE” + associated genitalia slide  
Mexico: Oaxaca  
(Probably a manuscript name)
- ***Minagenia minuscula*** Dreisbach  
“HOLOTYPE” + 14 ♂ “PARATYPES” + 5 associated genitalia slides  
“ALLOTYPE” + 25 ♀ “PARATYPES”  
Mexico: Morelos  
(Probably a manuscript name)
- ***Minagenia orizaba*** Dreisbach  
“HOLOTYPE” + 3 “PARATYPES” + 3 associated genitalia slides  
Mexico: Veracruz  
(Probably a manuscript name)
- ***Minagenia perexigua*** Dreisbach  
“HOLOTYPE” + “PARATYPE” + associated genitalia slides  
Mexico: Veracruz  
(Probably a manuscript name)
- ***Minagenia shannoni*** Dreisbach  
“HOLOTYPE” + associated genitalia slide  
Brazil: Rio de Janeiro  
(Probably a manuscript name)
- ***Phanochilus aquilus*** Dreisbach  
“HOLOTYPE” + associated genitalia slide  
Brazil: Santarem  
(Probably a manuscript name)
- ***Phanochilus aureosignus*** Dreisbach  
“HOLOTYPE” + 1 ♂ “PARATYPE” + associated genitalia slides  
“ALLOTYPE” + 1 ♀ “PARATYPE”  
Panama: Barro Colorado  
(Probably a manuscript name)
- ***Phanochilus flavus*** Dreisbach  
“HOLOTYPE”

Brazil: Parana

(Probably a manuscript name)

- ***Priocnemis (Priocnemis) caerulea*** Dreisbach  
“HOLOTYPE” + “PARATYPE”  
Argentina: Tucuman  
(Probably a manuscript name)
- ***Priocnemis hubbelli*** Dreisbach  
“HOLOTYPE” + associated genitalia slide  
Honduras: Morazan  
(Probably a manuscript name)
- ***Priocnemis longula*** Dreisbach  
“HOLOTYPE” + “PARATYPE” + associated genitalia slides  
Brazil: Nova Teutonia  
(Probably a manuscript name)
- ***Priocnemis (Priocnemis) major*** Dreisbach  
“HOLOTYPE”  
Mexico: Michoacan  
(Probably a manuscript name)
- ***Priocnemis splendida*** Dreisbach  
“HOLOTYPE” + 3 “PARATYPES”  
Mexico: Morelos  
(Probably a manuscript name)
- ***Priocnemioides walzi*** Dreisbach  
“HOLOTYPE” + “PARATYPE”  
Argentina: Buenos Aires  
(Probably a manuscript name)
- ***Priophanes (Leucophorus) auripilosa*** Dreisbach  
“HOLOTYPE” + “PARATYPE”  
Mexico: Morelos  
(Probably a manuscript name)
- ***Priophanes elongata*** Dreisbach  
“HOLOTYPE”  
Brazil: Manaus  
(Probably a manuscript name)
- ***Priophanes luteola*** Dreisbach  
“HOLOTYPE” + 7 “PARATYPES” + 7 associated genitalia slides  
Bolivia: Huachi Beni  
(Probably a manuscript name)
- ***Sphictostethus diamphidios*** Dreisbach  
“HOLOTYPE”  
Peru:  
(Probably a manuscript name)
- ***Tanuenemis versicolor*** Dreisbach  
“HOLOTYPE” + associated genitalia slide + “ALLOTYPE” + “PARATYPE”

Ecuador: Prov. Azuay

Genitalia slide labeled with name *Chirodamus versicolor* Dreisbach  
(Probably a manuscript name)

## PTEROMALIDAE

- ***Cheiropachus obscuripes*** Brues, 1910  
"TYPE"  
No location given

## SCELIONIDAE

- ***Teleas villus*** Sharkey, 1981  
HOLOTYPE  
USA: Oklahoma

## SPHECIDAE

- ***Cerceris tepaneca*** Saussure, 1867  
LECTOTYPE, designated by H.A. Scullen, 1969  
Mexico: Veracruz
- ***Oxybelus crispus*** Calmbacher, 1979?  
HOLOTYPE  
Ecuador: Pichincha Prov.
- ***Philanthus carolinensis reducta*** Banks, 1921  
"TYPES" (2) (=SYNTYPES?)  
USA: Maryland, North Carolina  
Synonym of *Philanthus lepidus* Cresson, 1865
- ***Plenoculus davisii*** Fox, 1893  
"TYPES" (2) (= SYNTYPES?)  
USA: Montana

## TENTHREDINIDAE

- ***Macrophya amediata*** Gibson, 1980  
HOLOTYPE + ALLOTYPE  
USA: Michigan

## LEPIDOPTERA TYPES

### ARCTIIDAE

- ***Phragmatobia lineata*** Newman & Donahue, 1974  
HOLOTYPE + ALLOTYPE  
USA: Michigan

### GEOMETRIDAE

- ***Acidalia cacuminaria*** Morrison, 1874  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)

USA: Massachusetts

*Scopula cacuminaria*

- ***Boarmia floridaria*** Hulst, 1886  
SYNTYPE ♀  
Tepper Collection (see Wilterding 1997)  
USA: Florida  
Synonym of *Idaea violacearia* (Walker, 1861)
- ***Boarmia furfuraria*** Hulst, 1888  
PARALECTOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Colorado  
*Glena furfuraria*
- ***Boarmia wrightiaria*** Hulst, 1888  
PARALECTOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: California  
*Hulstina wrightiaria*
- ***Chlorosea graefiaria*** Hulst, 1886  
SYNTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Nevada  
*Cheteoscelis graefiaria*
- ***Drepanodes effascinaria*** Hulst, 1886  
SYNTYPE  
Tepper Collection (see Wilterding 1997)  
USA: South Carolina  
Synonym of *Eusarca fundaria* (Guénee, 1857)
- ***Endropia decoloraria*** Hulst, 1886  
SYNTYPE  
Tepper Collection (see Wilterding 1997)  
(no locality given)  
*Cepphis decoloraria*
- ***Endropia helveolaria*** Hulst, 1881  
SYNTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Colorado  
*Lychnosea helveolaria*
- ***Endropia hilumaria*** Hulst, 1886  
SYNTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Colorado  
*Caripeta hilumaria*
- ***Endropia manubiaria*** Hulst, 1886  
SYNTYPE

Tepper Collection (see Wilterding 1997)

USA: Colorado

*Euchlaena manubaria*

- ***Endropia occantaria*** Hulst, 1886  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Nevada  
Synonym of *Euchlaena mollisaria* (Hulst, 1886)
- ***Hybernia olivacearia*** Morrison, 1875  
PARALECTOTYPES (3)  
Tepper Collection (see Wilterding 1997)  
USA: Massachusetts  
Synonym of *Phigalia strigataria* (Minot, 1869)
- ***Nemoria tepperaria*** Hulst, 1886  
SYNTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Georgia  
*Chloropteryx tepperaria*
- ***Tephrosia texanaria*** Hulst, 1888  
PARALECTOTYPES (2)  
Tepper Collection (see Wilterding 1997)  
USA: Texas  
*Glenoides texanaria*
- ***Tetracis mellitularia*** Hulst, 1886  
PARALECTOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Nevada  
Synonym of *Pherne placeraria* (Guénee, 1857)
- ***Tornos robiginosus*** Morrison, 1875  
PARALECTOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Texas  
Synonym of *Tornos scolopacinarius* (Guénee, 1857)

## LIMACODIDAE

- ***Parasa fraterna*** Grote, 1881  
SYNTYPES (2)  
Tepper Collection (see Wilterding 1997)  
(no locality given)  
Synonym of *Parasa chloris* (Herrich-Schaeffer, 1854)

## NOCTUIDAE

- ***Ablepharon fumosum*** Morrison, 1874  
SYNTYPES ? (2)

- Tepper Collection (see Wilterding 1997)  
 USA: Massachusetts  
 Synonym of *Simyra henrici* (Grote, 1873)
- ***Acronycta aspera*** Morrison, 1875  
 HOLOTYPE  
 Tepper Collection (see Wilterding 1997)  
 USA: New York  
 Synonym of *Andropolia contacta* (Walker, 1856)
  - ***Acronycta increta*** Morrison, 1874  
 SYNTYPE  
 Tepper Collection (see Wilterding 1997)  
 USA: New York  
*Acronycta increta*
  - ***Acronycta pudorata*** Morrison, 1875  
 SYNTYPES (2)  
 Tepper Collection (see Wilterding 1997)  
 Canada: Quebec  
 Synonym of *Acronycta grisea* (Walker, 1856)
  - ***Agrotis acclivis*** Morrison, 1875  
 LECTOTYPE + PARALECTOTYPE  
 Tepper Collection (see Wilterding 1997)  
 USA: New York  
*Richia acclivis*
  - ***Agrotis binominalis*** Smith, 1888  
 PARALECTOTYPES (2)  
 Tepper Collection (see Wilterding 1997)  
 USA: "Washington Territory"  
 Synonym of *Rhynchagrotis formalis* (Grote, 1874)
  - ***Agrotis bocha*** Morrison, 1875  
 HOLOTYPE  
 Tepper Collection (see Wilterding 1997)  
 USA: Colorado  
*Crassivesica bocha*
  - ***Agrotis comosa*** Morrison, 1876  
 HOLOTYPE + associated genitalia slide (Euxoa MSU 5)  
 Tepper Collection (see Wilterding 1997)  
 USA: Colorado  
*Euxoa comosa*
  - ***Agrotis confusa*** Smith, 1888  
 PARALECTOTYPES (2)  
 Tepper Collection (see Wilterding 1997)  
 USA: "Washington Territory"  
 Synonym of *Rhynchagrotis insularis* (Grote, 1876)

- ***Agrotis decolor*** Morrison, 1875  
LECTOTYPE + PARALECTOTYPES (2)  
Tepper Collection (see Wilterding 1997)  
USA: New York  
Synonym of *Euxoa declarata* (Walker, 1865)
- ***Agrotis digna*** Morrison, 1875  
"TYPES" ? (2)  
Tepper Collection (see Wilterding 1997)  
USA: Texas  
*Euagrotis digna*
- ***Agrotis exertistigma*** Morrison, 1875  
HOLOTYPE ?  
Tepper Collection (see Wilterding 1997)  
USA: California  
Synonym of *Rhynchagrotis formalis* (Grote, 1874)
- ***Agrotis extranea*** Smith, 1888  
HOLOTYPE + associated genitalia slide (Euxoa MSU 12)  
Tepper Collection (see Wilterding 1997)  
USA: Montana?  
*Euxoa extranea*
- ***Agrotis fauna*** Morrison, 1876  
HOLOTYPE + associated genitalia slide (Euxoa MSU 15)  
Tepper Collection (see Wilterding 1997)  
Mexico: Baja California  
*Euxoa fauna*
- ***Agrotis flavicollis*** Smith, 1888  
HOLOTYPE + associated genitalia slide (Euxoa MSU 13)  
Tepper Collection (see Wilterding 1997)  
USA: Montana  
*Euxoa flavicollis*
- ***Agrotis gladiatoria*** Morrison, 1875  
HOLOTYPE ?  
Tepper Collection (see Wilterding 1997)  
USA: Massachusetts
- ***Agrotis infracta*** Morrison, 1875  
LECTOTYPE + associated genitalia slide (Euxoa MSU 3) + PARALECTOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Colorado  
*Euxoa infracta*
- ***Agrotis manifesta*** Morrison, 1875  
SYNTYPES (2)  
Tepper Collection (see Wilterding 1997)  
USA: New York  
*Trichosilia manifesta*

- ***Agrotis manifestolabes*** Morrison, 1875  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Massachusetts  
Synonym of *Cerastis tenebrifera* (Walker, 1865)
- ***Agrotis montana*** Morrison, 1875  
SYNTYPES (2)  
Tepper Collection (see Wilterding 1997)  
USA: Colorado  
*Euxoa montana*
- ***Agrotis olivia*** Morrison, 1876  
HOLOTYPE + associated genitalia slide (Euxoa MSU 1)  
Tepper Collection (see Wilterding 1997)  
USA: Utah  
*Euxoa olivia*
- ***Agrotis opipara*** Morrison, 1875  
SYNTYPES ?  
Tepper Collection (see Wilterding 1997)  
USA: New Hampshire?  
Synonym of *Euxoa dissona* (Möschler, 1860)
- ***Agrotis orbicularis*** Smith, 1888  
HOLOTYPE + associated genitalia slide (Euxoa MSU 14)  
Tepper Collection (see Wilterding 1997)  
USA: Nevada  
Synonym of *Euxoa taura* Smith, 1905
- ***Agrotis pallipennis*** Smith, 1888  
PARALECTOTYPES (2)  
Tepper Collection (see Wilterding 1997)  
USA: Colorado  
*Euxoa pallipennis*
- ***Agrotis perpolita*** Morrison, 1876  
HOLOTYPE + associated genitalia slide (Euxoa MSU 4)  
Tepper Collection (see Wilterding 1997)  
USA: Maine  
*Euxoa perpolita*
- ***Agrotis personata*** Morrison, 1876  
HOLOTYPE + associated genitalia slide (Euxoa MSU 2)  
Tepper Collection (see Wilterding 1997)  
USA: Ohio  
Synonym of *Euxoa detersa* (Walker)
- ***Agrotis plagigera*** Morrison, 1874  
HOLOTYPE ?  
Tepper Collection (see Wilterding 1997)

USA: Colorado

*Euxoa plagigera*

- ***Agrotis proclivis*** Smith, 1888  
LECTOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Arizona  
*Richia proclivis*
- ***Agrotis redimicula*** Morrison, 1875  
LECTOTYPE + associated genitalia slide (Euxoa MSU 6)  
Tepper Collection (see Wilterding 1997)  
USA: Massachusetts  
*Euxoa redimicula*
- ***Agrotis rileyana*** Morrison, 1875  
HOLOTYPE ? + ALLOTYPE?  
Tepper Collection (see Wilterding 1997)  
USA: Missouri  
*Onychagrotis rileyana*
- ***Agrotis scropulana*** Morrison, 1875  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: New Hampshire?  
*Xestia scropulana*
- ***Agrotis serricornis*** Smith, 1888  
HOLOTYPE + associated genitalia slide (Euxoa MSU 10)  
Tepper Collection (see Wilterding 1997)  
USA: California  
*Euxoa serricornis*
- ***Agrotis simplicius*** Morrison, 1875  
SYNTYPE (possibly HOLOTYPE ?)  
Tepper Collection (see Wilterding 1997)  
USA: Texas  
*Euagrotis simplicius*
- ***Agrotis stigmosa*** Morrison, 1875  
LECTOTYPE + PARALECTOTYPE ?  
Tepper Collection (see Wilterding 1997)  
USA: Massachusetts
- ***Agrotis tepperi*** Smith, 1888  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Montana  
*Euagrotis tepperi*
- ***Agrotis trifasciata*** Smith, 1888  
HOLOTYPE + associated genitalia slide (Euxoa MSU 11)  
Tepper Collection (see Wilterding 1997)

USA: Oregon

*Euxoa trifasciata*

- ***Agrotis unica*** Smith, 1890  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: North Carolina  
Synonym of *Peridroma saucia* (Hübner, 1808)
- ***Agrotis unimacula*** Morrison, 1875  
“TYPE”? (possibly HOLOTYPE ?)  
Tepper Collection (see Wilterding 1997)  
USA: New York  
Synonym of *Graphiphora augur* (Fabricius, 1775)
- ***Agrotis wilsoni*** Grote, 1873  
“TYPE”? (possibly HOLOTYPE ?)  
Tepper Collection (see Wilterding 1997)  
USA: California  
*Euxoa wilsoni*
- ***Bryophila percara*** Morrison, 1875  
SYNTYPES (4)  
Tepper Collection (see Wilterding 1997)  
USA: Texas  
*Emarginea percara*
- ***Calocampa germana*** Morrison, 1874  
LECTOTYPE + PARALECTOTYPE (2)  
Tepper Collection (see Wilterding 1997)  
USA: New York  
*Lithomoia germana* OR *Lithomoia solidaginis germana*
- ***Caradrina derosa*** Morrison, 1875  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: New Jersey (extralimital)  
Synonym of *Rictonis capularis* (Guénee, 1852) from Australia
- ***Caradrina meralis*** Morrison, 1875  
HOLOTYPE ?  
Tepper Collection (see Wilterding 1997)  
USA: Maine
- ***Carneades messoria*** var. ***confracta*** Smith, 1890  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: (no location given)  
Synonym of *Euxoa pleuritica* (Grote, 1876)
- ***Carneades misturata*** Smith, 1890  
LECTOTYPE + associated genitalia slide (Euxoa MSU 7)  
Tepper Collection (see Wilterding 1997)

USA: Colorado

*Euxoa misturata*

- ***Charadra decora*** Morrison, 1875  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: California  
*Lichnoptera decora*
- ***Copipanolis vernalis*** Morrison, 1875  
SYNTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Massachusetts  
Synonym of *Psaphida rolandi* (Grote, 1874)
- ***Demas diversicolor*** Morrison, 1875  
“TYPES” (3)  
Tepper Collection (see Wilterding 1997)  
USA: Massachusetts  
*Meropleon diversicolor*
- ***Dicopis electilis*** Morrison, 1875  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Pennsylvania  
*Psaphida electilis*
- ***Dryobota fibulata*** Morrison, 1874  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)  
Canada: Quebec  
Synonym of *Eremobina claudens* (Walker, 1857)
- ***Eucalyptera bipuncta*** Morrison, 1875  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Massachusetts  
*Gabara bipuncta* OR *Gabara subnivosella bipuncta*
- ***Eurois astricta*** Morrison, 1875  
LECTOTYPE + PARALECTOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: New Hampshire
- ***Eustrotia obaurata*** Morrison, 1875  
HOLOTYPE ?  
Tepper Collection (see Wilterding 1997)  
USA: Massachusetts  
Synonym of *Nola pustulata* (Walker, 1865)
- ***Eutolype rolandi*** Grote, 1874  
PARALECTOTYPE  
Tepper Collection (see Wilterding 1997)

USA: Massachusetts

*Psaphida rolandi*

- ***Eutricopis nexilis*** Morrison, 1875  
PARALECTOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Colorado
- ***Glaea sericea*** Morrison, 1875  
HOLOTYPE ?  
Tepper Collection (see Wilterding 1997)  
USA: Massachusetts  
*Chaetagliaea sericea*
- ***Hadena adnixa*** Grote, 1880  
HOLOTYPE ?  
Tepper Collection (see Wilterding 1997)  
USA: Nevada  
*Aseptis adnixa*
- ***Hadena albina*** Grote, 1874  
"TYPE"  
Tepper Collection (see Wilterding 1997)  
USA: California  
*Apamea albina*
- ***Hadena castanea*** Grote, 1875  
"TYPE"  
Tepper Collection (see Wilterding 1997)  
USA: California  
*Apamea castanea*
- ***Hadena characta*** Grote, 1880  
"TYPE" ?  
Tepper Collection (see Wilterding 1997)  
USA: Nevada  
*Aseptis characta*
- ***Hadena congermana*** Morrison, 1874  
LECTOTYPE + PARALECTOTYPES (2)  
Tepper Collection (see Wilterding 1997)  
USA: Massachusetts  
*Sideridis congermana*
- ***Hadena fuscimacula*** Grote, 1881  
SYNTYPES ? (2)  
Tepper Collection (see Wilterding 1997)  
USA: Florida  
*Elaphria fuscimacula*
- ***Hadena inordinata*** Morrison, 1875  
"TYPE"  
Tepper Collection (see Wilterding 1997)

USA: Massachusetts

*Apamea inordinata*

- ***Hadena paginata*** Morrison, 1875  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Florida  
Synonym of *Elaphria nucicolora* (Guénee, 1852)
- ***Hadena rasilis*** Morrison, 1875  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Missouri  
Synonym of *Elaphria grata* Hübner, 1818
- ***Hadena stipata*** Morrison, 1875  
HOLOTYPE ?  
Tepper Collection (see Wilterding 1997)  
USA: Illinois  
*Mesapamea stipata*
- ***Hadena suffusca*** Morrison, 1875  
SYNTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Massachusetts  
Synonym of *Apamea alia* (Guénee, 1852)
- ***Hadena tortilis*** Grote, 1880  
HOLOTYPE ?  
Tepper Collection (see Wilterding 1997)  
USA: "Washington Territory"  
*Fishia tortilis*
- ***Hadena vulgivaga*** Morrison, 1875  
"TYPE" (HOLOTYPE ?)  
Tepper Collection (see Wilterding 1997)  
USA: Nebraska  
Synonym of *Oligia fractilinea* (Grote, 1874)
- ***Heliaca dubitans*** Tepper, 1883  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Nevada  
Synonym of *Schinia perminuta* (Hy. Edwards, 1881)
- ***Heliophila flabilis*** Grote, 1881  
SYNTYPE  
Tepper Collection (see Wilterding 1997)  
USA: New York  
*Leucania extincta flabilis*
- ***Heliophila oxygala*** Grote, 1881  
SYNTYPE

Tepper Collection (see Wilterding 1997)  
USA: Colorado?

*Aletia oxygala*

- ***Heliophila patricia*** Grote, 1880  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: California or Colorado?  
*Neleucania patricia*
- ***Heliiothis californicus*** Grote, 1873  
PARALECTOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: California  
*Schinia sueta californica*
- ***Heliiothis diminutivus*** Grote, 1873  
PARALECTOTYPES (3)  
Tepper Collection (see Wilterding 1997)  
USA: California  
*Heliiothodes diminutivus*
- ***Heliiothis lucens*** Morrison, 1875  
PARALECTOTYPES (5)  
Tepper Collection (see Wilterding 1997)  
USA: Nebraska  
*Schinia lucens*
- ***Heliiothis pauxillus*** Grote, 1873  
HOLOTYPE + another "TYPE"?  
Tepper Collection (see Wilterding 1997)  
USA: Colorado  
Synonym of *Schinia villosa* (Grote, 1864)
- ***Heliiothis persimilis*** Grote, 1873  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Colorado  
*Schinia persimilis*
- ***Heliiothis suetus*** Grote, 1873  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Colorado  
*Schinia suetus*
- ***Homohadena fortis*** Grote, 1880  
HOLOTYPE ?  
Tepper Collection (see Wilterding 1997)  
USA: Nevada  
*Homoncoenemis fortis*

- ***Homohadena retroversa*** Morrison, 1875  
HOLOTYPE ?  
Tepper Collection (see Wilterding 1997)  
USA: Missouri  
Synonym of *Homohadena infixa* (Walker, 1856)
- ***Homophoberia cristata*** Morrison, 1875  
HOLOTYPE ?  
Tepper Collection (see Wilterding 1997)  
USA: New Jersey
- ***Homoptera galbanata*** Morrison, 1876  
HOLOTYPE ?  
Tepper Collection (see Wilterding 1997)  
USA: Nebraska  
*Zale galbanata*
- ***Homoptera uniformis*** Morrison, 1875  
HOLOTYPE ?  
Tepper Collection (see Wilterding 1997)  
USA: (location not given)  
Synonym of *Zale declarans* (Walker, 1858)
- ***Hydroecia semiaperta*** Morrison, 1874  
SYNTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Massachusetts  
Synonym of *Tricholita signata* (Walker, 1860)
- ***Hypena albopunctata*** Tepper, 1881  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: "Washington Territory"  
Synonym of *Hypena humuli* Harris, 1841
- ***Laphygma inflexa*** Morrison, 1875  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Florida  
Synonym of *Collomena filifera* (Walker, 1857)
- ***Lithacodia penita*** Morrison, 1875  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: New York  
Synonym of *Spartiniphaga includens* (Walker, 1858)
- ***Lithophane disposita*** Morrison, 1874  
SYNTYPES (3)  
Tepper Collection (see Wilterding 1997)  
USA: New York

- ***Lithophane fagina*** Morrison, 1874  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Massachusetts
- ***Lithophane semiusta*** Grote, 1873  
SYNTYPE + possible "TYPES" (2)  
Tepper Collection (see Wilterding 1997)  
USA: New York?
- ***Lithophane tepida*** Grote, 1873  
"TYPE" (SYNTYPE ?)  
Tepper Collection (see Wilterding 1997)  
USA: Massachusetts
- ***Luceria burgessi*** Morrison, 1874  
SYNTYPES (3) (= LECTOTYPE + PARALECTOTYPES (2) ?)  
Tepper Collection (see Wilterding 1997)  
USA: Massachusetts  
*Apamea burgessi*
- ***Luceria oculata*** Morrison, 1874  
SYNTYPES (3)  
Tepper Collection (see Wilterding 1997)  
USA: Massachusetts  
Synonym of *Mesapamea passer* (Guénee, 1852)
- ***Luceria oculata*** var. ***conspicua*** Morrison, 1874  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Massachusetts  
Synonym of *Mesapamea passer* (Guénee, 1852)
- ***Mamestra assimilis*** Morrison, 1874  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Massachusetts  
*Melanchra assimilis*
- ***Mamestra curta*** Morrison, 1875  
HOLOTYPE ♂ + SYNTYPE ♀  
Tepper Collection (see Wilterding 1997)  
USA: Colorado  
*Lasionycta impingens curta*
- ***Mamestra dodgei*** Morrison, 1875  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Nebraska  
Synonym of *Lacinipolia lorea* (Guénee, 1852)
- ***Mamestra illabefacta*** Morrison, 1874  
HOLOTYPE ?

Tepper Collection (see Wilterding 1997)

USA: Massachusetts

Synonym of *Trichordestra lilacina* (Harvey, 1874)

- ***Mamestra olivacea*** Morrison, 1875

HOLOTYPE ?

Tepper Collection (see Wilterding 1997)

USA: New York

*Lacinipolia olivacea*

- ***Mamestra passa*** Morrison, 1875

“TYPE”

Tepper Collection (see Wilterding 1997)

USA: California (extralimital)

*Graphania passa* (from Baja Calif.)

- ***Mamestra promulsa*** Morrison, 1875

HOLOTYPE? (1 genitalia slide only) + SYNTYPES (2)

(1 SYNTYPE w/ missing abdomen may = HOLOTYPE?)

Tepper Collection (see Wilterding 1997)

USA: Colorado

*Lasionycta promulsa*

- ***Mamestra quadrannulata*** Morrison, 1876

“TYPE”

Tepper Collection (see Wilterding 1997)

USA: Nebraska

*Faronta quadrannulata*

- ***Mamestra rufula*** Morrison, 1875

HOLOTYPE

Tepper Collection (see Wilterding 1997)

USA: (location not given)

Synonym of *Spirameter lutra* (Guénee, 1852)

NOTE: This specimen was reported in Wilterding, 1997 as being in the MSU collection. However, when the type collection was curated in 2000 by the present collection manager, the specimen was not among the type material and cannot be located anywhere in the collection. We have no records that it was loaned to anyone, so for now its whereabouts are unknown.

- ***Mamestra rugosa*** Morrison, 1875

LECTOTYPE

Tepper Collection (see Wilterding 1997)

USA: Maine

*Trichordestra rugosa*

- ***Mamestra teligera*** Morrison, 1875

SYNTYPES (2)

Tepper Collection (see Wilterding 1997)

USA: Texas

*Lacinipolia teligera*

- ***Mamestra thecata*** Morrison, 1875  
SYNTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Massachusetts  
Synonym of *Anhimella contrahens* (Walker, 1860)
- ***Melicleptria graefiana*** Tepper, 1883  
“TYPES” (3)  
Tepper Collection (see Wilterding 1997)  
USA: California  
These specimens have supposedly been identified as *Schinia pulchripennis* and may be the “lost” type series for that species.
- ***Metahadena atrifasciata*** Morrison, 1876  
SYNTYPES (3)  
Tepper Collection (see Wilterding 1997)  
USA: Maine  
Synonym of *Oncocnemis piffardi* (Walker, 1862)
- ***Morrisonia peracuta*** Morrison, 1874  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: California (extralimital from Australia)  
Synonym of *Persectania ewingii* (Westwood, 1839)
- ***Oncocnemis iricolor*** Smith, 1888  
PARALECTOTYPES (2)  
Tepper Collection (see Wilterding 1997)  
USA: Colorado
- ***Oncocnemis meadiana*** Morrison, 1875  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Colorado
- ***Oncocnemis riparia*** Morrison, 1875  
SYNTYPES (2)  
Tepper Collection (see Wilterding 1997)  
USA: New York
- ***Oncocnemis tenuifascia*** Smith, 1888  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Colorado
- ***Oncocnemis terminalis*** Smith, 1888  
HOLOTYPE  
USA: Colorado
- ***Orthosia americana*** Morrison, 1875  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)

USA: New Jersey

Synonym of *Agrolocha lota* (Clerck, 1759)

- ***Orthosia belangeri*** Morrison, 1875  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)  
Canada: Quebec  
Synonym of *Apamea inficita* (Walker, 1857)
- ***Orthosia differta*** Morrison, 1875  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: (no location given)  
Synonym of *Rhodoecia aurantiago* (Guénee, 1852)
- ***Orthosia minuscula*** Morrison, 1875  
“TYPES” (2) (possible HOLOTYPE ?)  
Tepper Collection (see Wilterding 1997)  
USA: Massachusetts  
*Oligia minuscula*
- ***Orthosia perpura*** Morrison, 1875  
HOLOTYPE + associated genitalia slide (Euxoa MSU 9)  
Tepper Collection (see Wilterding 1997)  
USA: Colorado?  
Synonym of *Lasionycta impingens* (Walker, 1857)
- ***Pachnobia ferruginoides*** Smith, 1890  
PARALECTOTYPES (2)  
Tepper Collection (see Wilterding 1997)  
USA: Montana  
Synonym of *Paradiarsia littoralis* (Packard, 1867)
- ***Penthetria majuscula*** Hy. Edwards, 1881  
SYNTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Georgia  
Synonym of *Cydosia aurivitta* (Grote & Robinson, 1868)
- ***Plusia laticlavata*** Morrison, 1875  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: New York  
Synonym of *Enigmogramma basigera* (Walker, 1865)
- ***Schinia hultia*** Tepper, 1883  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Texas
- ***Schinia tepperi*** Morrison, 1875  
SYNTYPES (2)  
Tepper Collection (see Wilterding 1997)

USA: Texas

*Plagiomimicus tepperi*

- ***Scotogramma perplexa*** Smith, 1888  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Colorado  
*Lasionycta perplexa*
- ***Segetia fabrefacta*** Morrison, 1875  
SYNTYPE  
Tepper Collection (see Wilterding 1997)  
USA: New York  
Synonym of *Condica sutor* (Guénee, 1852)
- ***Segetia fidicularia*** Morrison, 1875  
“TYPES” ? (2)  
Tepper Collection (see Wilterding 1997)  
USA: New Hampshire?  
Synonym of *Caradrina multifera* (Walker, 1857)  
Note: Wilterding (1997) mentioned only a single specimen in the MSU collection with locality data that did not match the type locality. A second specimen is in the tray with a locality label of N.Y. State (= type locality) but no other labels.
- ***Segetia orbica*** Morrison, 1875  
LECTOTYPE + possible PARALECTOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Texas  
Synonym of *Amyna octo* (Guénee, 1852)
- ***Syneda deducta*** Morrison, 1875  
SYNTYPES (2)  
Tepper Collection (see Wilterding 1997)  
USA: Texas  
*Bulia deducta*
- ***Syneda pavitensis*** Morrison, 1875  
SYNTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Texas  
Synonym of *Bulia deducta* (Morrison, 1875)
- ***Taeniocampa confluens*** Morrison, 1875  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Missouri  
Synonym of *Orthosia hibisci* (Guénee, 1852)
- ***Taeniocampa earina*** Morrison, 1875  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)

USA: California

Synonym of *Lasionycta insolens* (Grote, 1874)

- ***Taeniocampa intractata*** Morrison, 1875  
SYNTYPES (3)  
Tepper Collection (see Wilterding 1997)  
USA: Missouri  
Synonym of *Himella fidelis* Grote, 1874
- ***Taeniocampa modifica*** Morrison, 1875  
HOLOTYPE ? + 1 specimen labeled “possible type”  
Tepper Collection (see Wilterding 1997)  
USA: Massachusetts  
Synonym of *Ulolonche culea* (Guénee, 1852)
- ***Taeniocampa subterminata*** Smith, 1888  
LECTOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: New York  
Synonym of *Orthosia revicta* (Morrison, 1876)
- ***Taeniocampa vegeta*** Morrison, 1876  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Texas  
Synonym of *Cissusa spadix* (Cramer, 1780)
- ***Tarache crustaria*** Morrison, 1875  
LECTOTYPE + PARALECTOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Nebraska  
*Pseudacontia crustaria*
- ***Tarache obatra*** Morrison, 1875  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Louisiana  
*Spragueia obatra*
- ***Tarache patula*** Morrison, 1875  
LECTOTYPE + 2 specimens labeled “possible types”  
Tepper Collection (see Wilterding 1997)  
USA: Texas  
Synonym of *Eumestleta recta* (Guénee, 1852)
- ***Telesilla vesca*** Morrison, 1875  
HOLOTYPE ? + 1 specimen labeled “possible type”  
Tepper Collection (see Wilterding 1997)  
USA: Texas  
Synonym of *Galgula partita* Guénee, 1852
- ***Thalpochares carmelita*** Morrison, 1876  
SYNTYPE

Tepper Collection (see Wilterding 1997)  
USA: Texas  
Synonym of *Eumicremma minima* (Guénee, 1852)

- ***Valeria grotei*** Morrison, 1874  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Massachusetts  
*Copivaleria grotei*
- ***Zanclognatha minoralis*** Smith, 1895  
LECTOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: New York?

## NOTODONTIDAE

- ***Drynobia tortuosa*** Tepper, 1881  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Colorado  
*Hyperaeschra tortuosa*

## NYMPHALIDAE

- ***Neonympha mitchellii*** French, 1889  
NEOTYPE – designated by C. Hamm, 2008  
USA: Michigan
- ***Satyrodes appalachia leeuwi*** Gatrell & Arbogast, 1974  
ALLOTYPE  
USA: Michigan

## PANTHEIDAE

- ***Panthea leucomelana*** Morrison, 1876  
HOLOTYPE ?  
Tepper Collection (see Wilterding 1997)  
USA: Maine  
Synonym of *Panthea acronyctoides* (Walker, 1861)

## SATURNIIDAE

- ***Attacus cinctus*** Tepper, 1883  
PARALECTOTYPES (2)  
Tepper Collection (see Wilterding 1997)  
USA: Arizona  
*Rothschildia cincta*

## SESIIDAE

- ***Aegeria albicornis*** Hy. Edwards, 1881  
HOLOTYPE

Tepper Collection (see Wilterding 1997)

USA: Nevada

*Synanthedon albicornis*

- ***Aegeria brunneipennis*** Hy. Edwards, 1881  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Georgia  
Synonym of *Synanthedon rileyana* (Hy. Edwards, 1881)
- ***Aegeria inusitata*** Hy. Edwards, 1881  
SYNTYPES (2)  
Tepper Collection (see Wilterding 1997)  
USA: New Hampshire  
Synonym of *Synanthedon pictipes* (Grote & Robinson, 1868)
- ***Aegeria opalescens*** Hy. Edwards, 1881  
SYNTYPES ? (2)  
Tepper Collection (see Wilterding 1997)  
USA: Nevada  
Synonym of *Synanthedon exitiosa* (Say, 1823)
- ***Aegeria proxima*** Hy. Edwards, 1881  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: New Hampshire  
*Synanthedon proxima*
- ***Aegeria seneciodes*** Hy. Edwards, 1881  
"TYPE" (SYNTYPE?)  
Tepper Collection (see Wilterding 1997)  
USA: California  
Synonym of *Synanthedon mellinipennis* (Boisduval, 1836)
- ***Aegeria vercunda*** Hy. Edwards, 1881  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Colorado  
*Carmenta vercunda*
- ***Albuna montana*** Hy. Edwards, 1881  
SYNTYPES (6)  
Tepper Collection (see Wilterding 1997)  
USA: New Hampshire, Oregon?  
Synonym of *Albuna pyramidalis* (Walker, 1856)
- ***Carmenta minuta*** Hy. Edwards, 1881  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Georgia  
Synonym of *Osmia ruficornis* (Hy. Edwards, 1881)

- ***Pyrrhoteania helianthi*** Hy.Edwards, 1881  
HOLOTYPE ?  
Tepper Collection (see Wilterding 1997)  
USA: Nevada  
Synonym of *Synanthedon polygoni* (Hy.Edwards, 1881)
- ***Pyrrhotaenia orthocarpi*** Hy.Edwards, 1881  
"TYPE" (SYNTYPES?) (3)  
Tepper Collection (see Wilterding 1997)  
USA: Nevada  
Synonym of *Synanthedon polygoni* (Hy.Edwards, 1881)
- ***Pyrrhotaenia tepperi*** Hy.Edwards, 1881  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Georgia  
Synonym of *Synanthedon acerni* (Clemens, 1860)
- ***Sciapteron graefi*** Hy.Edwards, 1881  
SYNTYPES (2)  
Tepper Collection (see Wilterding 1997)  
USA: Nevada  
Synonym of *Synanthedon exitiosa* (Say, 1823)
- ***Sesia spartani*** Eichlin & Taft, 1987  
HOLOTYPE  
USA: Michigan

## SPHINGIDAE

- ***Sphinx albescens*** Tepper, 1881  
HOLOTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Colorado  
Synonym of *Sphinx vashti* (Strecker, 1878)

## TORTRICIDAE

- ***Laspeyresia lacustrina*** Miller, 1976  
HOLOTYPE  
USA: Michigan  
*Cydia lacustrina*

## URODIDAE

- ***Penthetria parvula*** Hy.Edwards, 1881  
SYNTYPE  
Tepper Collection (see Wilterding 1997)  
USA: Georgia  
*Urodus parvula*

## Lepidoptera Type References:

Wilterding, J.H. 1997. Type specimens of Lepidoptera in the Tepper Collection at Michigan State University. J. New York Entomol. Soc. 105(1-2): 65-104.

## MECOPTERA TYPES

### PANORPIDAE

- *Panorpa penicillata* Byers, 1962  
HOLOTYPE + ALLOTYPE  
Mexico: Durango

## PROTURA TYPES

(All the Protura types are mounted on slides.)

### ACERENTOMIDAE

- *Proacerella reducta* Bernard, 1975  
HOLOTYPE  
USA: Michigan

### EOSENTOMIDAE

- *Eosentomon brassicae* Bernard, 1975  
HOLOTYPE + ALLOTYPE  
USA: Michigan  
Synonym of *Eosentomon pusillum* Ewing, 1940
- *Eosentomon pomari* Bernard, 1975  
HOLOTYPE  
USA: Michigan
- *Eosentomon pruni* Bernard, 1975  
HOLOTYPE + ALLOTYPE  
USA: Michigan
- *Eosentomon sociale* Bernard, 1975  
HOLOTYPE + ALLOTYPE  
USA: Michigan

### PROTENTOMIDAE

- *Protentomon michiganense* Bernard, 1975  
HOLOTYPE  
USA: Michigan