



**Left Column:** top -- *Arctia parthenos*, Lewis & Clark Co., MT, Benchmark Campground, 19 mi W of Augusta, 5434', July 8 (county record, Nancy Ewer, pg. 18); middle -- *Lithophane thujae*, Marquette Co., MI, McFarland Bog, May 14 (county record, Kyle Johnson, pg. 39); bottom -- *Pelochrista adamantana*, Taylor Co., GA, Fall Line Sandhills WMA, western section, W of Parks Rd., Oct. 18-20 (county record, second location in state, James Adams, pg. 48). **Center Column:** top -- *Papaipema aueme*, Beltrami Co., MN, Red Lake Peatland, western water track, Aug. 18 (county record, largest currently known population, Kyle Johnson, pg. 41); second -- *Pyrausta pythialis*, Clearwater Co, MN, Blue Lake, June 20 (county record, Kyle Johnson, pg. 40); third -- *Sympistis eleanor*, McIntosh Co., Sapelo Island, April/May 2016 & 2017 (STATE record and newly described species, James Adams, pg. 48); bottom -- *Catocala grisatra*, Taylor Co., GA, Fall Line Sandhills WMA, western section, W of Parks Rd., June 8-10 (STATE record, James Adams, pg. 47). **Right Column:** All Taylor Co., GA, Fall Line Sandhills WMA, western section, W of Parks Rd, James Adams, all county records. Top -- *Eucoptocnemis dapsilis* (Oct. 18-20, pg. 47); second -- *Dargida rubripennis* (pg. 47); third -- *Sideridis ruisa* (pg. 48); fourth -- *Schinia arefacta* (pg. 48); bottom -- *Schinia bimatrix* (STATE record; pg. 48). Last four Sept. 1-2; dates 2018 unless otherwise specified.



# NEWS OF THE LEPIDOPTERISTS' SOCIETY

NEWS of the Lepidopterists' Society

Volume 61, Supplement S1

Season Summary 2018



## 2018 Season Summary

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*Edited by:* Brian Scholtens and Jeff Phippen (address inside back cover)  
*Cover pages/index edited by:* James K. Adams (address inside back cover)

**Front Cover:** *Lycia rachelae*, Kittson Co, Minnesota, Skull Lake WMA, April 21, 2018, **STATE RECORD** (photo by Kyle Johnson, pg. 40)

# NEWS OF THE LEPIDOPTERISTS' SOCIETY

## Volume 61, Supplement S1

The Lepidopterists' Society is a non-profit educational and scientific organization. The object of the Society, which was formed in May 1947 and formally constituted in December 1950, is "to promote internationally the science of lepidopterology in all its branches; to further the scientifically sound and progressive study of Lepidoptera, to issue periodicals and other publications on Lepidoptera; to facilitate the exchange of specimens and ideas by both the professional worker and the amateur in the field; to compile and distribute information to other organizations and individuals for purposes of education and conservation and appreciation of Lepidoptera; and to secure cooperation in all measures" directed towards these aims. (Article II, Constitution of The Lepidopterists' Society.)

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# Season Summary Zone Coordinators

## Chief Season Summary Coordinators/Editors

Brian Scholtens<sup>1</sup> and Jeff Phippen<sup>2</sup>

<sup>1</sup>Biology Dept., College of Charleston, 66 College Street, Charleston, SC 29424; (843) 637-6224 [scholtensb@cofc.edu](mailto:scholtensb@cofc.edu)

<sup>2</sup>101Forest Oaks Drive, Durham, NC 27705 [jeffpippen9@gmail.com](mailto:jeffpippen9@gmail.com)

### Zone 1, The Far North:

#### Alaska, Northwest Territories, Nunavut, Yukon Territory

Crispin Guppy  
5 Boss Road, Whitehorse, Yukon Y1A 5S9, Canada (778) 256-1251  
[csguppy@gmail.com](mailto:csguppy@gmail.com)

### Zone 2: The Pacific Northwest

#### British Columbia, Idaho, Oregon, Washington

Jon H. Shepard  
4925 SW Dakota Ave. Corvallis, OR 97333 (541) 207-3450  
[shep.lep@netidea.com](mailto:shep.lep@netidea.com)

### Zone 3, Hawaii and the Southwest:

#### Arizona, California, Hawaii, Nevada

Ken Davenport  
8417 Rosewood Avenue Bakersfield, CA 93306 (661) 366-3074 (home)  
[kdavenport93306@yahoo.com](mailto:kdavenport93306@yahoo.com) with help on moths from Kelly Richers  
9417 Carvalho Court Bakersfield, CA 93311 (661) 665-1993 (home)  
[kerichers@wuesd.org](mailto:kerichers@wuesd.org)

### Zone 4, The Rocky Mountains:

#### Alberta, Colorado, Montana, New Mexico, Utah, Wyoming

Chuck Harp  
8834 W. Quarto Ave. Littleton, CO 80128-4269 (720) 981-5946  
[cehmoth@aol.com](mailto:cehmoth@aol.com)

### Zone 5, The Great Plains:

#### Kansas, Manitoba, Nebraska, North Dakota, Oklahoma, South Dakota, Saskatchewan

Michael M. Elsbury  
70855 Highway 8 Fairbury, NE 68352-5565 (402) 805-5456  
[bugsnrails@gmail.com](mailto:bugsnrails@gmail.com)

### Zone 6, Texas:

#### Texas

Mike A. Rickard  
411 Virgo Street Mission, TX 78572 (956) 519-0132  
Cell: (281) 734-1110  
[folksinger4@yahoo.com](mailto:folksinger4@yahoo.com)

### Zone 7, Ontario and Quebec:

#### Ontario, Quebec

Jessica Linton  
245 Rodney Street Waterloo, Ontario Canada N2J 1G7 (519) 489-2568  
Cell: (519) 502-3773  
[jessicalinton86@gmail.com](mailto:jessicalinton86@gmail.com)

### Zone 8, The Midwest:

#### Illinois, Indiana, Iowa, Kentucky, Michigan, Minnesota, Missouri, Ohio, West Virginia, Wisconsin

Thomas Jantscher  
2800 Rustic Pl. Apt. 206 Little Canada, MN 55117-1389, (612) 875-1710  
[tjantscher@gmail.com](mailto:tjantscher@gmail.com)

### Zone 9, The Southeast:

#### Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee, Virginia

Brian G. Scholtens  
Biology Department College of Charleston 66 College Street Charleston, SC 29424-0001 (843) 856-0186  
[scholtensb@cofc.edu](mailto:scholtensb@cofc.edu)

### Zone 10, The Northeast:

#### Maryland, New York, Pennsylvania, the New England states and the Maritime provinces

Mark J. Mello  
c/o Lloyd Center, 430 Potomska Rd Dartmouth, MA 02748  
[markmello@lloydcenter.org](mailto:markmello@lloydcenter.org)

### Zone 11, Mexico & the Caribbean

Isabel Vargas Fernandez  
Museo de Zoologia, Facultad de Ciencias, Univ. Nacional Autonoma, Mexico, Apartado Postal 70-399, D.F., Mexico 04510  
[ivf@ciencias.unam.mx](mailto:ivf@ciencias.unam.mx)

### Editor, News of the Lepidopterists' Society

James K. Adams  
School of Sciences and Math Dalton State College 650 College Drive Dalton, Georgia 30720 (706)272-4427  
[jadams@daltonstate.edu](mailto:jadams@daltonstate.edu)



## Season Summary 2018 – Print Edition with Significant Records

A message from the new Season Summary coordinators:

This is our first year acting as Season Summary coordinators and we take over from the capable hands of Leroy Koehn. There has been much discussion in the Executive Council about what the Season Summary should look like and include. We have made some modifications without turning it into a completely different product. The major changes included here are: 1) We have been somewhat more selective with the records included in the print edition of the Season Summary. We include all National, State and County records, as well as other records that have significance, such as very late or early records, explosions of species, and migrant movements. We seek to include more text and photos in the introductory material for each zone, and we want to encourage contributors to provide information and photos that zone coordinators can submit with future Season Summaries. 2) In addition to the print edition, we are creating a PDF edition of the Season Summary that includes ALL submitted records. Interested members can download this PDF, either in its entirety or as individual zones on the Lepidopterists' Society website. All records are also submitted to the SCAN database and can be searched using that system as well (see the [https site at scan-bugs.org/portal/collections/harvestparams.php](https://scan-bugs.org/portal/collections/harvestparams.php)).

Finally, we want to sincerely thank all the contributors and particularly the zone coordinators for pushing forward to continue the valuable effort that is the Season Summary.

Brian Scholtens and Jeff Phippen

Interpreting the summary:

1. Zones are listed in order numerically, with each country, state or province included in alphabetical order.
2. All contributors are listed for each zone alphabetically by last name. Although not all contributors will have all records included in the printed edition of the summary, all records are included in the PDF version.
3. Within each country, state, or province, records are listed in alphabetical order, first by family and then by genus, species, and county (or region).
4. All national or state records are indicated as such using bold, capital letters. All county records are indicated by bold print for the county name.
5. As much as possible, our taxonomy follows the Pohl et al. (2016) list for North America. We haven't checked every single record but attempted to use that list throughout.

## Zone 1: Far North: Alaska, Northwest Territories, Nunavut, and Yukon Territory

Coordinator: Crispin S. Guppy

**Contributors:** Apphia Bowser, and Matt Bowser (HBB), Crispin Guppy (CSG), Jennifer Hester, Takashi Hino (TH2), Kyle E. Johnson (KEJ), Kevin Taylor & André Langlois (JTL), Karen Pulice (KP), Melissa Sikes (MS3), Susan Wise-Eagle (SWE)

No written summary was provided by the zone coordinator.

### RECORDS:

### Alaska:

#### Crambidae:

*Catoptria oregonicus*, Skagway Co., Skagway, 21 Jul 2018, KEJ  
*Crambus perlella*, Skagway Co., Skagway, 21 Jul 2018, KEJ  
*Gesneria centuriella*, Skagway Co., Skagway, 21 Jul 2018, KEJ

#### Gelechiidae:

*Bryotropha smilis*, Kenai Peninsula Co., pond at Kenai Spur Highway and Candlelight Drive, 18-19 Oct 2018, HBB, collected from the stomach of an Alaskan blackfish collected from a scuzzy pond in a minnow trap baited with eggs

#### Geometridae:

*Ceratodalia gueneata*, Skagway Co., Skagway, 21 Jul 2018, KEJ  
*Eulithis xylina*, Skagway Co., Skagway, 21 Jul 2018, KEJ  
*Hydriomena furcata*, Skagway Co., Skagway, 21 Jul 2018, KEJ  
*Macaria signaria*, Skagway Co., Skagway, 21 Jul 2018, KEJ

#### Lycaenidae:

*Plebejus idas*, Skagway Co., White Pass, 21 Jul 2018, KEJ

#### Noctuidae:

*Agrotis ipsilon*, Wrangell-Petersburg Co., 9.3 mi S of Wrangell, 22 Oct 2018, SWE, porch light  
*Apamea cogitata*, Skagway Co., Skagway, 21 Jul 2018, KEJ  
*Polychrysis esmerelda*, Fairbanks Northstar Co., Fairbanks, 930 Fitz Ct., 23 May 2018, MS3, ex delphiniums in flower garden  
*Pseudohermomassa flavotincta*, Skagway Co., Skagway, 21 Jul 2018, KEJ  
*Sympistis heliophila*, Skagway Co., White Pass, 21 Jul 2018, KEJ

#### Notodontidae:

*Pheosia rimosa*, Skagway Co., Skagway, 21 Jul 2018, KEJ

#### Nymphalidae:

*Boloria alaskensis*, Skagway Co., White Pass, 21 Jul 2018, KEJ  
*Boloria chariclea*, Skagway Co., White Pass, 21 Jul 2018, KEJ

#### Pieridae:

*Pieris angelika*, Skagway Co., White Pass, 21 Jul 2018, KEJ

#### Sphingidae:

*Hyles gallii*, Bristol Bay Co., King Salmon, 22 Aug 2018, KP

### Nunavut:

#### Nymphalidae:

*Boloria polaris*, Kitikmeot Co., W. Coronation Gulf, Kugluktuk, 10 Jul 2018, TH2  
*Erebia disa*, Kitikmeot Co., W. Coronation Gulf, Kugluktuk, 9-11 Jul 2018, TH2  
*Erebia fasciata*, Kitikmeot Co., W. Coronation Gulf, Kugluktuk, 9 Jul 2018, TH2  
*Erebia rossii*, Kitikmeot Co., W. Coronation Gulf, Kugluktuk, 9-13 Jul 2018, TH2  
*Nymphalis antiopa*, Kitikmeot Co., W. Coronation Gulf, Kugluktuk, 10 Jul 2018, TH2  
*Oeneis bore*, Kitikmeot Co., W. Coronation Gulf, Kugluktuk, 9-13 Jul 2018, TH2  
*Oeneis polixenes*, Kitikmeot Co., W. Coronation Gulf, Kugluktuk, 10-13 Jul 2018, TH2

#### Pieridae:

*Colias tyche boothii*, Kitikmeot Co., W. Coronation Gulf, Kugluktuk, 9 Jul 2018, TH2  
*Pieris angelika*, Kitikmeot Co., W. Coronation Gulf, Kugluktuk, 9-13 Jul 2018, TH2

## Northwest Territories:

### Nymphalidae:

*Boloria polaris*, Inuvik Region., Victoria Island, Ulukhaktok, 2-6 Jul 2018, TH2  
*Erebia fasciata*, Inuvik Region., Victoria Island, Ulukhaktok, 2-4 Jul 2018, TH2  
*Oeneis bore*, Inuvik Region., Victoria Island, Ulukhaktok, 2-6 Jul 2018, TH2  
*Oeneis melissa*, Inuvik Region., Victoria Island, Ulukhaktok, 2-4 Jul 2018, TH2  
*Oeneis polixenes*, Inuvik Region., Victoria Island, Ulukhaktok, 2-6 Jul 2018, TH2

## Yukon Territory:

### Crambidae:

*Gesneria centuriella*, Kluane Range, Arch Peak to Quill Peak, 19 Jul 2018, KEJ

### Erebidae:

*Chelis sordida*, Kluane Range, Arch Peak to Quill Peak, 18 Jul 2018, KEJ  
*Drasteria hudsonica*, Kluane Range, Arch Peak to Quill Peak, 15 Jul 2018, KEJ

### Geometridae:

*Entephria kidluitata*, Kluane Range, Arch Peak to Quill Peak, 15-18 Jul 2018, KEJ  
*Eupithecia cretacea*, Kluane Range, Arch Peak to Quill Peak, 15-18 Jul 2018, KEJ  
*Macaria brunneata*, Morley River, 22 Jul 2018, KEJ  
*Macaria loritaria*, Morley River, 22 Jul 2018, KEJ  
*Scopula sentinaria*, Kluane Range, Arch Peak to Quill Peak, 13-18 Jul 2018, KEJ  
*Xanthorhoe abrasaria*, Kluane Range, Arch Peak to Quill Peak, 19 Jul 2018, KEJ  
*Xanthorhoe abrasaria*, Morley River, 22 Jul 2018, KEJ  
*Xanthorhoe alticolata*, Kluane Range, Arch Peak to Quill Peak, 15 Jul 2018, KEJ

### Lycaenidae:

*Agriades glandon*, Kluane Range, Arch Peak to Quill Peak, 13-19 Jul 2018, JTL  
*Lycaena dorcas*, Kluane Range, Arch Peak to Quill Peak, 16-18 Jul 2018, JTL  
*Plebejus idas*, Kluane Range, Arch Peak to Quill Peak, 13-19 Jul 2018, JTL

### Noctuidae:

*Apamea alia*, Kluane Range, Arch Peak to Quill Peak, 12 Jul 2018, KEJ  
*Diarsia dislocata*, Kluane Range, Arch Peak to Quill Peak, 12 Jul 2018, KEJ  
*Diarsia dislocata*, Morley River, 22 Jul 2018, KEJ  
*Graphiphora augur*, Morley River, 22 Jul 2018, KEJ  
*Lasionycta carolynae*, Kluane Range, Arch Peak to Quill Peak, 18 Jul 2018, KEJ  
*Lasionycta impingens*, Kluane Range, Arch Peak to Quill Peak, 19 Jul 2018, KEJ  
*Lasionycta perplexella*, Morley River, 22 Jul 2018, KEJ  
*Sympistis zetterstedtii*, Kluane Range, Arch Peak to Quill Peak, 13-18 Jul 2018, KEJ  
*Syngrapha alticola*, Kluane Range, Arch Peak to Quill Peak, 18 Jul 2018, KEJ  
*Syngrapha borea*, Kluane Range, Arch Peak to Quill Peak, 14 Jul 2018, KEJ  
*Syngrapha diasema*, Morley River, 22 Jul 2018, KEJ  
*Syngrapha viridisigma*, Morley River, 22 Jul 2018, KEJ  
*Xestia c-nigrum*, Teslin, 12 Jul 2018, KEJ  
*Xestia homogena*, Morley River, 22 Jul 2018, KEJ  
*Xestia speciosa*, Morley River, 22 Jul 2018, KEJ

### Nymphalidae:

*Boloria alaskensis*, Kluane Range, Arch Peak to Quill Peak, 13-19 Jul 2018, JTL  
*Boloria astarte*, Kluane Range, Arch Peak to Quill Peak, 13-18 Jul 2018, JTL  
*Boloria chariclea*, Kluane Range, Arch Peak to Quill Peak, 15-19 Jul 2018, JTL  
*Boloria eunomia*, Kluane Range, Arch Peak to Quill Peak, 13-19 Jul 2018, JTL  
*Boloria freija*, Kluane Range, Arch Peak to Quill Peak, 13-18 Jul 2018, JTL  
*Boloria frigga*, Kluane Range, Arch Peak to Quill Peak, 14 Jul 2018, JTL  
*Boloria improba*, Kluane Range, Arch Peak to Quill Peak, 13-18 Jul 2018, JTL  
*Coenonympha tullia*, Kluane Range, Arch Peak to Quill Peak, 13-19 Jul 2018, JTL  
*Erebia fasciata*, Kluane Range, Arch Peak to Quill Peak, 13 Jul 2018, KEJ  
*Erebia mackinleyensis*, Kluane Range, Arch Peak to Quill Peak, 13 Jul 2018, KEJ  
*Erebia pawloskii*, Kluane Range, Arch Peak to Quill Peak, 13-19 Jul 2018, JTL  
*Erebia youngii*, Kluane Range, Arch Peak to Quill Peak, 13-18 Jul 2018, JTL  
*Oeneis melissa*, Mount Armstrong (10.7km NW), 10 Jul 2018, CSG, alpine tundra  
*Phyciodes pulchella*, Kluane Range, Arch Peak to Quill Peak, 15-19 Jul 2018, JTL

### Papilionidae:

*Papilio machaon*, Kluane Range, Arch Peak to Quill Peak, 13 Jul 2018, JTL  
*Papilio machaon*, Mount Armstrong (10.7km NW), 10 Jul 2018, CSG, alpine tundra, sight  
*Parnassius phoebus*, Kluane Range, Arch Peak to Quill Peak, 13-19 Jul 2018, JTL

**Pieridae:**

*Colias canadensis*, Kluane Range, Arch Peak to Quill Peak, 13 Jul 2018, JTL  
*Colias christina*, Kluane Range, Arch Peak to Quill Peak, 18-19 Jul 2018, JTL  
*Colias hecla*, Kluane Range, Arch Peak to Quill Peak, 13-19 Jul 2018, JTL  
*Colias nastes*, Kluane Range, Arch Peak to Quill Peak, 13-19 Jul 2018, JTL  
*Colias palaeno*, Kluane Range, Arch Peak to Quill Peak, 13-19 Jul 2018, JTL  
*Pieris angelika*, Mount Armstrong (10.7km NW), 10 Jul 2018, CSG, alpine tundra

**Sesiidae:**

*Albuna pyramidalis*, Kluane Range, Arch Peak to Quill Peak, 13 Jul 2018, KEJ

**Tortricidae:**

*Eana argentana*, Kluane Range, Arch Peak to Quill Peak, 15 Jul 2018, KEJ

## Zone 2: Pacific Northwest: British Columbia, Idaho, Oregon, Washington

Coordinator: Jon H. Shepard

**Contributors:** Janice Arndt (JEA), John Baumann (JB3), Jeanne Dammerell (JD2), Kyle E. Johnson (KEJ), Patricia Morgan-Hodge (PRM), Ann Potter (AP), Dana Ross (DNR), Jon Shepard (JHS)

No written summary was provided by the zone coordinator.

**RECORDS:**

### British Columbia:

**Douglasiidae:**

*Tinagma dryadis*, **Northern Rockies**, Mount St. George, 11 Jul 2018, KEJ, **PROVINCIAL RECORD**

**Hesperiidae:**

*Euphyes vestris*, **Central Kootenay**, McCormick Creek Rd., Pend d'Oreille Valley, 49.0309N 117.3789W, 12 Jul 2018, JEA, found by P. Prappas & C. Colter during inventory work led by J. Arndt  
*Hesperia juba*, **Central Kootenay**, Salmo River mouth, 49.0266N 117.3801W, 12 Oct 2018, JEA, 2 individuals, provincial late date

### Idaho:

**Cossidae:**

*Acossus centerensis*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS, **STATE RECORD**  
*Acossus populi*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS

**Drepanidae:**

*Euthyatira semicircularis*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Habrosyne scripta*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Pseudothyatira cymatophoroides*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS

**Erebidae:**

*Cycnia oregonensis*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Dasychira vagans grisea*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Drasteria adumbrata*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Drasteria adumbrata*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Drasteria adumbrata*, **Custer Co.**, Casino Cr. CG, 8 Jul 2018, JHS  
*Drasteria rubicola*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS, 2<sup>nd</sup> state record  
*Drasteria rubicola*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS, 3<sup>rd</sup> state record  
*Drasteria rubicola*, **Custer Co.**, Casino Cr. CG, 8 Jul 2018, JHS, 4<sup>th</sup> state record  
*Drasteria ochracea*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Drasteria sabulosa*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Grammia ornata*, **Custer Co.**, Casino Cr. CG, 8 Jul 2018, JHS  
*Hyphantria cunea*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Leucoma salicis*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Leucoma salicis*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Melipotis jucunda*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Pyrrharctia isabella*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Spilosoma vagans*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Spilosoma vagans*, **Custer Co.**, Casino Cr. CG, 8 Jul 2018, JHS

**Geometridae:**

*Amphidasis cognataria*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Amphidasis cognataria*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Cabera erythemaria*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Campaea perlata*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Ceratodalia gueneata*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS, only record from S. Idaho  
*Chlorosea nevadaria*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Chlorosea nevadaria*, **Custer Co.**, Casino Cr. CG, 8 Jul 2018, JHS  
*Coryphista meadii*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Coryphista meadii*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Digrammia californiaria*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Digrammia denticulata*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Digrammia neptaria*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Digrammia neptaria*, **Custer Co.**, Casino Cr. CG, 8 Jul 2018, JHS  
*Digrammia sexpunctata*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Drepanulatrix carnearia*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Drepanulatrix quadraria*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Drepanulatrix secundaria*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Drepanulatrix secundaria*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Drepanulatrix unicalcararia*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Drepanulatrix unicalcararia*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Euchlaena johnsonaria*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Euchlaena tigrinaria*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Eudrepanulatrix rectifascia*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Eumacaria madopata*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Glena nigricaria*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Hesperumia sulphuraria*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Horisme intestinata*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Hydriomena furcata*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Iridopsis larvaria*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Iridopsis larvaria*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Lobocleta quaesitata*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Lobocleta quaesitata*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Lobocleta quaesitata*, **Custer Co.**, Casino Cr. CG, 8 Jul 2018, JHS  
*Macaria adonis*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Macaria notata*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Macaria notata*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Nacophora mexicanaria*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Nemoria darwiniata*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Neoterpes trianguliferata*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Pero giganteus*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS, first record for zone, **STATE RECORD**  
*Pero morrisonaria*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Plataea trilinearia*, **Custer Co.**, Casino Cr. CG, 8 Jul 2018, JHS  
*Prochoerodes forficaria*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Prochoerodes forficaria*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Protitame subalbaria*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Protitame virginalis*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Protitame virginalis*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Sabulodes edwardsata*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Scopula fuscata*, **Custer Co.**, Casino Cr. CG, 8 Jul 2018, JHS  
*Scopula junctaria*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Scopula junctaria*, **Custer Co.**, Casino Cr. CG, 8 Jul 2018, JHS  
*Sericosema juturnaria*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Spargania magnoliata*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Speranza amboflava*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Speranza colata*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Speranza quadrilinearia*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Stannoctenis morrisata*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS, **STATE RECORD**  
*Stenoporpia separataria*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Synchlora aerata*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Tetracis cervinaria*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS

**Lasiocampidae:**

*Malacosoma californicum pluviale*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Phyllodesma americana*, **Custer Co.**, Casino Cr. CG, 8 Jul 2018, JHS

**Noctuidae:**

*"Orthodes" detracta*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS, 2<sup>nd</sup> state record

*"Orthodes" obscura*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Abagrotis mirabilis*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS, 3<sup>rd</sup> state record  
*Abagrotis dactylina*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Acronicta grisea*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Acronicta hasta*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Acronicta impleta*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Acronicta impleta*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Acronicta lepusculina*, **Custer Co.**, Casino Cr. CG, 8 Jul 2018, JHS  
*Acronicta parallela*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Acronicta radcliffei*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Acronicta strigulata*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Agrotis obliqua*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Agrotis obliqua*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Anagrapha falcifera*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Anaplectoides pressus*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS, 2<sup>nd</sup> state record  
*Anarta oregonica*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Anarta oregonica*, **Custer Co.**, Casino Cr. CG, 8 Jul 2018, JHS  
*Apamea antennata*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Apamea antennata*, **Custer Co.**, Casino Cr. CG, 8 Jul 2018, JHS  
*Apamea cogitata*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Apamea commode parcata*, **Custer Co.**, Casino Cr. CG, 8 Jul 2018, JHS  
*Apamea inficita indela*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS, 2<sup>nd</sup> state record  
*Apamea sora*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Aseptis characta*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Aseptis characta*, **Custer Co.**, Casino Cr. CG, 8 Jul 2018, JHS  
*Autographa ampla*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Autographa ampla*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Copablepharon viridisparva gilvum*, **Custer Co.**, Casino Cr. CG, 8 Jul 2018, JHS  
*Diarsia rosaria*, **Custer Co.**, Casino Cr. CG, 8 Jul 2018, JHS  
*Eurois occulta*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Euxoa bicollaris*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Euxoa divergens*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Euxoa divergens*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Euxoa divergens*, **Custer Co.**, Casino Cr. CG, 8 Jul 2018, JHS  
*Euxoa punctigera*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Euxoa punctigera*, **Custer Co.**, Casino Cr. CG, 8 Jul 2018, JHS  
*Euxoa satis*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Euxoa terrenus*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Euxoa terrenus*, **Custer Co.**, Casino Cr. CG, 8 Jul 2018, JHS  
*Graphiphora augur haruspica*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Graphiphora augur haruspica*, **Custer Co.**, Casino Cr. CG, 8 Jul 2018, JHS  
*Heliothis phloxiphaga*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Homorthodes furfurata*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Homorthodes furfurata*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Hypocoena inquinata*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Lacanobia radix*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Lacanobia radix*, **Custer Co.**, Casino Cr. CG, 8 Jul 2018, JHS, **STATE RECORD**  
*Lacanobia subjuncta*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Lacanobia subjuncta*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Lacanobia subjuncta*, **Custer Co.**, Casino Cr. CG, 8 Jul 2018, JHS  
*Lacinipolia davena*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Lacinipolia davena*, **Custer Co.**, Casino Cr. CG, 8 Jul 2018, JHS  
*Lacinipolia lorea*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Lacinipolia sareta*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Lacinipolia sareta*, **Custer Co.**, Casino Cr. CG, 8 Jul 2018, JHS  
*Lacinipolia strigicollis*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Leucania dia*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Leucania farcta*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Leucania farcta*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Leucania farcta*, **Custer Co.**, Casino Cr. CG, 8 Jul 2018, JHS  
*Leucania multilinea*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS, 2<sup>nd</sup> state record  
*Melanchnra adjuncta*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Mythimna oxygala*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Noctua pronuba*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Noctua pronuba*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Panthea virginarius*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS



*Panthea virginarius*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Papestra brenda*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Papestra cristifera*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Papestra cristifera*, **Custer Co.**, Casino Cr. CG, 8 Jul 2018, JHS  
*Parabagrotis exsertistigma*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Parabagrotis insularis*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Plusia putnami*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Polia discalis*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS, 2<sup>nd</sup> state record  
*Polia purpurissata*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Proxenus miranda*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Pseudeva palligera*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Raphia frater*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Setagrotis vocalis*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Spiramater lutra*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Sympistis fifia*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Sympistis figurata*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Sympistis greyi*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Tarache major*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Tarache toddi*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Trichordestra liquida*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Xestia c-nigrum adela*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Xestia c-nigrum adela*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Xestia oblata*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS

#### Notodontidae:

*Clostera albosigma*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Furcula cinerea*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Furcula scolopendrina*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Furcula scolopendrina*, **Custer Co.**, Casino Cr. CG, 8 Jul 2018, JHS  
*Heterocampa lunata*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Oligocentria semirufescens*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Pheosia rimosa*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Schizura ipomoeae*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Schizura unicornis*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS

#### Saturniidae:

*Antheraea polyphemus*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Coloradia doris*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS, first record in zone, **STATE RECORD**

#### Sphingidae:

*Pachysphinx modesta*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Paonias excaecatus*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Smerinthus ophthalmica*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Smerinthus ophthalmica*, **Custer Co.**, Casino Cr. CG, 8 Jul 2018, JHS  
*Sphinx perelegans*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Sphinx vashti*, **Boise Co.**, Deadwood CG, 5 Jul 2018, JHS  
*Sphinx vashti*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS  
*Sphinx vashti*, **Custer Co.**, Casino Cr. CG, 8 Jul 2018, JHS

#### Uraniidae:

*Callizzia amorata*, **Bonneville Co.**, Palisades Res., E side, 10 Jul 2018, JHS

## Oregon:

#### Crambidae:

*Sitochroa chortalis*, **Jackson Co.**, Grizzly Peak, 3950', 12 Jun 2018, DNR, rare in Oregon

#### Erebidae:

*Bruceia pulverina*, **Wallowa Co.**, Camp Creek, 2.5 mi W of Imnaha, 12 Jul & 12 Aug 2018, DNR, **STATE RECORD**, Schmalz & Dingeldein, leg.  
*Drasteria convergens*, **Wallowa Co.**, Camp Creek, 2.5 mi W of Imnaha, 12 Aug 2018, DNR, Schmalz & Dingeldein, leg.  
*Idia lubricalis*, **Wallowa Co.**, Camp Creek, 2.5 mi W of Imnaha, 12 Jul & 12 Aug 2018, DNR, Schmalz & Dingeldein, leg.

#### Hesperiidae:

*Oarisma garita*, **Grant Co.**, Silvies River, 15 mi W of Seneca, 25 Jun 2018, DNR, range extension 75mi to SW

#### Noctuidae:

*Actebia balanitis*, **Klamath Co.**, Klamath Marsh NWR, 11 Jul 2013, DNR, **STATE RECORD**, Faye Weekley, leg.  
*Alypia langtoni*, **Grant Co.**, Rd NF16, 3 mi E of Logan Valley, 26 Jun 2018, DNR  
*Anarta fusculentata*, **Wallowa Co.**, Camp Creek, 2.5 mi W of Imnaha, 7 May 2018, DNR, Schmalz & Dingeldein, leg.  
*Apamea amputatrix*, **Morrow Co.**, Umatilla NWR, 280', 11 Jul 2018, DNR  
*Axenus arvalis*, **Jackson Co.**, Grizzly Peak, 4300', 17 May 2018, DNR, 5<sup>th</sup> OR record  
*Brachyolomia populi*, **Wallowa Co.**, Camp Creek, 2.5 mi W of Imnaha, 17 Sep & 4 Oct 2018, DNR, Schmalz & Dingeldein, leg.

*Callopietria floridensis*, **Multnomah Co.**, Portland, 19 Jul 1989, DNR, **STATE RECORD**, introduced  
*Dargida procinctus*, **Morrow Co.**, Umatilla NWR, 280', 11 Jul 2018, DNR  
*Energia fausta*, **Wallowa Co.**, Camp Creek, 2.5 mi W of Imnaha, 6 Jul 2018, DNR, Schmalz & Dingeldein, leg.  
*Eupsilia fringata*, **Jackson Co.**, Grizzly Peak, 4200', 16 Oct 2018, DNR, **STATE RECORD**  
*Euxoa brunneigera*, **Morrow Co.**, Umatilla NWR, 280', 11 Jul 2018, DNR  
*Hydroeciodes serrata*, **Wallowa Co.**, Camp Creek, 2.5 mi W of Imnaha, 3 Aug 2018, DNR, **STATE RECORD**, Schmalz & Dingeldein, leg.  
*Tarache knowltoni*, **Grant Co.**, Logan Valley, 5100', 5 & 8 Jun 2018, DNR  
*Xestia plebeia*, **Morrow Co.**, Umatilla NWR, 280', 11 Jul 2018, DNR

#### Sphingidae:

*Hemaris thysbe*, Jackson Co., Grizzly Peak, 4150', 14 Jun 2018, DNR, rare in OR, Linda Kappen, leg.

## Washington:

#### Argyresthiidae:

*Argyresthia goedartella*, **San Juan Co.**, Ship Bay, Orcas Island, 26 Sep 2017, PRM

#### Crambidae:

*Pyrausta perrubralis*, **San Juan Co.**, Ship Bay, Orcas Island, 12 Jun 2018, PRM

*Pyrausta semirubralis*, **San Juan Co.**, Ship Bay, Orcas Island, 19 Jun 2018, PRM

#### Erebidae:

*Pyrrharctia isabella*, **San Juan Co.**, Ship Bay, Orcas Island, 15 Jun 2018, PRM, photo ID confirmed by Shepard

#### Geometridae:

*Campaea perlata*, **San Juan Co.**, Ship Bay, Orcas Island, 30 Oct 2018, PRM, photo ID confirmed by Shepard

*Chlorosea banksaria*, **San Juan Co.**, Ship Bay, Orcas Island, 18 Jun 2018, PRM, photo ID confirmed by Shepard

*Cyclophora pendulinaria*, **San Juan Co.**, Ship Bay, Orcas Island, 6 Jun 2018, PRM, photo ID confirmed by Shepard

*Elpiste lorquinaria*, **San Juan Co.**, West Beach, Orcas Island, 13 Jul 2015, PRM, photo ID confirmed by Shepard

*Ennomos magnaria*, **San Juan Co.**, Ship Bay, Orcas Island, 3 Oct 2018, PRM, photo ID confirmed by Shepard

*Epirrita autumnata omissa*, **San Juan Co.**, Ship Bay, Orcas Island, 30 Oct 2018, PRM, photo ID confirmed by Shepard

*Eulithis xylina*, **San Juan Co.**, Ship Bay, Orcas Island, 3 Jul 2018, PRM, photo ID confirmed by Shepard

*Gabriola dyari*, **San Juan Co.**, Ship Bay, Orcas Island, 3 Jul 2018, PRM, photo ID confirmed by Shepard

*Hesperumia sulphuraria*, **San Juan Co.**, Ship Bay, Orcas Island, 2 Jul 2018, PRM, photo ID confirmed by Shepard

*Nematocampa resistaria*, **San Juan Co.**, Ship Bay, Orcas Island, 18 Jul 2018, PRM, photo ID confirmed by Shepard

*Nepytia phantasmaria*, **San Juan Co.**, Ship Bay, Orcas Island, 3 Oct 2018, PRM, photo ID confirmed by Shepard

*Perizoma costiguttata*, **San Juan Co.**, Ship Bay, Orcas Island, 13 Jun 2018, PRM, photo ID confirmed by Shepard

*Pero mizon*, **San Juan Co.**, Ship Bay, Orcas Island, 23 Jul 2018, PRM, photo ID confirmed by Shepard

*Plemyria georgii*, **San Juan Co.**, Ship Bay, Orcas Island, 6 Oct 2018, PRM, photo ID confirmed by Shepard

*Protoboarmia porcelaria*, **San Juan Co.**, Ship Bay, Orcas Island, 19 Aug 2018, PRM, photo ID confirmed by Shepard

*Sabulodes aegrotata*, **San Juan Co.**, Ship Bay, Orcas Island, 3 May 2018, PRM, photo ID confirmed by Shepard

*Synaxis cervinaria*, **San Juan Co.**, Ship Bay, Orcas Island, 6 May 2018, PRM, photo ID confirmed by Shepard

*Thallopaga taylorata*, **San Juan Co.**, West Beach, Orcas Island, 15 Apr 2018, PRM, **STATE RECORD**, photo ID confirmed by Shepard

*Triphosa haesitata*, **San Juan Co.**, Ship Bay, Orcas Island, 10 Apr 2018, PRM, photo ID confirmed by Shepard

*Venusia cambrica*, **San Juan Co.**, Ship Bay, Orcas Island, 10 Apr 2018, PRM, photo ID confirmed by Shepard

*Venusia duodecemlineata*, **San Juan Co.**, Ship Bay, Orcas Island, 1 May 2018, PRM, photo ID confirmed by Shepard

*Xanthorhoe labradorensis*, **San Juan Co.**, Ship Bay, Orcas Island, 18 Aug 2018, PRM, photo ID confirmed by Shepard

#### Hesperiidae:

*Thymelicus lineola*, **Spokane Co.**, Mica Peak Trail, 8 Jul 2018, JB3

#### Noctuidae:

*Autographa corusca*, **San Juan Co.**, Ship Bay, Orcas Island, 29 Jul 2018, PRM, photo ID confirmed by Shepard

*Cosmia praeacuta*, **San Juan Co.**, West Beach, Orcas Island, 12 Aug 2018, PRM, photo ID confirmed by Shepard

*Lacinipolia strigicollis*, **San Juan Co.**, Ship Bay, Orcas Island, 23 Jul 2018, PRM, photo ID confirmed by Shepard

#### Nolidae:

*Nola minna*, **San Juan Co.**, Ship Bay, Orcas Island, 5 May 2018, PRM, photo ID confirmed by Shepard

#### Notodontidae:

*Clostera apicalis*, **San Juan Co.**, Ship Bay, Orcas Island, 5 Jun 2018, PRM, photo ID confirmed by Shepard

#### Uraniidae:

*Callizzia amorata*, **San Juan Co.**, Ship Bay, Orcas Island, 19 Jun 2018, PRM, photo ID confirmed by Shepard

## Zone 3: Southwest/Hawaii: Arizona, California, Nevada, and Hawaii

Coordinator: Ken Davenport

**Contributors:** Valeriu Albu (VXA), Brett Badeaux (BB7), BAMONA submission (BAM), Dave Bartholomew (DB1), Richard Baumann (RB), Robert Behrstock (RAB), James Brock (JPB), Ray Bruun (RB2), Ken Davenport (KD), Jon deBenedictis (JAD), Robert Gardner (RG), Josiah Gilbert (JG1), Robert Gorman (RG4), Fred Heath & Mary Klinkel (FHK), Tom Horton (TH1), Richard Hubicek (RH2), Mary Klinkel (MK2), John Lane (JL2), Nick Lethaby (NL), Mary Maki (MM4), Jason Martineau (JJM), Patricia Moran-Hodge (PMH), Kristie Nelson (KN), Paul Opler (PAO), Gordon Pratt (GFP), Kelly Richers (KMR), Kilian Roeber (KR), William Taft & Ned Schaper (T/S), Alan Schmierer (AS2), Kojiro Shiraiwa (KS1), Ian Wilkinson (IAW), Joseph Zarki (JZ)

No written summary was provided by the zone coordinator.

### RECORDS:

#### Arizona:

##### Hesperiidae:

- Amblyscirtes elissa*, Cochise Co., Casa de San Pedro River, 1 Jul 2018, RAB, early for state
- Chiomara georgina*, Santa Cruz Co., Amado (Amado Territory Inn) off Hwy 19, 24 Dec 2018, FHK, late for state
- Heliopetes laviana*, Santa Cruz Co., California Gulch, 9 Oct 2018, JPB, new host for Arizona: *Anoda abutiloides*, emerged 31 Oct 2018

##### Lycaenidae:

- Callophrys gryneus siva*, Santa Cruz Co., Harshaw area near Patagonia, 26 Nov 2018, FHK, late for state, found and photographed by Larry Fellows

##### Nymphalidae:

- Danaus plexippus*, Pima Co., Tucson in yard, 9 Nov-10 Dec 2018, JPB, unusually common in gardens for over a month
- Microtia elva*, Cochise Co., Huachuca Canyon, Fort Huachuca, 29 Aug 2018, RAB, few records for county
- Asterocampa clyton*, Pima Co., Santa Rita Mts., Box Canyon, 28 Nov 2018, MK2, late for state, photo by Gerry Wolfe

##### Papilionidae:

- Papilio rumiko*, Pima Co., northwest Tucson, 25 Dec 2018, MK2, late for state, observed and photographed by Larry Fellows

##### Pieridae:

- Anteos chlorinde*, Pinal Co., Boyce Thompson State Park, 14 Mar 2018, KD, early for state, seen by Nancy Gallagher & Larry Simkins
- Anteos maerula*, Cochise Co., Ash Canyon, Hereford, 3 Aug 2018, RAB, very few records for state

##### Sesiidae:

- Hymenoclea palmii*, Pima Co., Vantana Cyn trail, 28 Oct-8 Nov 2018, T/S, strange, rare and only in AZ & TX
- Sesia tibiale*, Pima Co., Incinerator Ridge trail, Mount Lemmon, 24 Jun-8 Jul 2018, T/S, rare in AZ

#### California:

##### Blastobasidae:

- Holcocera icyryaeella*, San Luis Obispo Co., Carrizo Plain NM, NW Selby CG, 18 Oct 2018, KMR, at UV trap

##### Choreutidae:

- Caloreas leucobasis*, Fresno Co., Potter Pass Trail, 8500', 22 Jun 2018, VXA, diurnal, flushed from vegetation

##### Crambidae:

- Lineodes integra*, San Luis Obispo Co., Cambria, Cambria Pines Lodge, 13 Jun 2018, IAW
- Loxostegopsis xanthocrypta*, Tulare Co., Rt. 43 @ Allensworth, 26 Apr 2018, VXA, flushed from roadside flowers
- Nannobotys commortalis*, Ventura Co., Lockwood Valley Rd. area, Los Padres NF, 5000', 28 Apr 2018, VXA, diurnal on flowers
- Tehama bonifatella*, Solano Co., Stebbins Cold Canyon Reserve, 9.3 mi W Winters, 11 Oct 2018, JAD
- Uresiphita reversalis*, Madera Co., O'Neals, 1500', 15 Jan-1 Feb 2018, VXA, ex larva on "broom"

##### Erebidae:

- Apantesis behrii*, San Luis Obispo Co., Carrizo Plain NM, W Selby CG, 18 Oct 2018, KMR, at UV trap
- Drasteria edwardsii*, Inyo Co., Lone Pine, Lone Pine Campground, 24 May 2018, IAW
- Gnophaela latipennis*, Calaveras Co., FR7NO9, N of Rt. 4 Cabbage Patch Maint. Sta., 5 Jul 2018, KMR, diurnal
- Hyphantria cunea*, Sierra Co., CA 49 @ Salmon Cr., 6 Jul 2018, KMR, at UV trap
- Zale rubi*, Sierra Co., CA 49 @ Salmon Cr., 6 Jul 2018, KMR, at UV trap

##### Eriocraniidae:

- Eriocraniella aurosparsella*, Fresno Co., Prather, Table Mt. Preserve, 1 Apr 2018, VXA, diurnal on *Lithiphragma* flowers

##### Gelechiidae:

- Chionodes figurella*, Yolo Co., Davis, 3 Jun 2018, JAD

*Gnorimoschema curiosum*, **Fresno Co.**, Potter Pass, Kaiser Wilderness, 9000', 5 Aug 2018, VXA, diurnal on sandy soil

**Geometridae:**

*Biston betularia*, **San Diego Co.**, Laguna Mts., Burnt Rancheria CG, 16 Sep 2018, IAW  
*Ceratodalia gueneata*, **Calaveras Co.**, FR7NO9, N of Rt. 4 Cabbage Patch Maint. Sta., 5 Jul 2018, KMR, at UV trap  
*Cochisea sinuaria*, **San Luis Obispo Co.**, Carrizo Plain, W Selby CG, 18 Oct 2018, KMR, at UV trap  
*Enchoria hercolata*, **Fresno Co.**, Prather, Table Mt. Preserve, 9 Feb 2018, VXA, diurnal, around *Ceanothus* bushes  
*Ersephila indistincta*, **Calaveras Co.**, FR7NO9, N of Rt. 4 Cabbage Patch Maint. Sta., 5 Jul 2018, KMR, at UV trap  
*Hydriomena nevadae*, **Calaveras Co.**, FR7NO9, N of Rt. 4 Cabbage Patch Maint. Sta., 5 Jul 2018, KMR, at UV trap  
*Tetracis jubararia*, **Fresno Co.**, Potter Pass Trail, 8000', 12 Sep 2018, VXA, at UV light + car headlights

**Gracillariidae:**

*Neurobatra bohartiella*, **San Luis Obispo Co.**, Cambria, 25 Jul 2018, VXA, at UV light  
*Phyllocnistis populiella*, **Fresno Co.**, Potter Pass, Kaiser Wilderness, 9000', 5 Aug 2018, VXA, mines in aspen leaves, one with larva

**Hesperiidae:**

*Agathymus gentry*, San Bernardino Co., Providence Mts., Bonanza King Mine Canyon, 22 Sep 2018, KR, first sightings for this species in the state in about 30 years  
*Atalopedes campestris campestris*, Inyo Co., White Mountains, lower Silver Canyon, 18 May 2018, KD, possibly new for mountain range  
*Carterocephalis palaemon skada*, Siskiyou Co., Marble Mts., Red Rock Valley Trail, 6 Jul 2018, JG1, few published records for this region  
*Chiodes georgina*, **Riverside Co.**, Anza, Nov 2014, GFF, **STATE RECORD**  
*Epargyreus clarus californicus*, Riverside Co., Santa Rosa Mts., along creek at about 6000', 10 May 2018, BB7, very rare in county  
*Erynnis brizo lacustra*, Kern Co., Lake of Woods, Lockwood Valley Rd. at mud in creek, 23 Apr 2018, KD, very few records in county  
*Erynnis tristis tristis*, Tulare Co., Sierra Hwy. at Limestone Camp along Kern River, 14-28 Aug 2018, KD, first records for this region in 50 years of intensive collecting  
*Erynnis tristis tristis*, Tulare Co., Sherman Pass Rd., just below 7000' marker, 17 Aug 2018, KD, first record for Sherman Pass Rd. in 50 years of intensive collecting  
*Pholisora catullus catullus*, San Luis Obispo Co., Upper Los Burros Creek near Oceano, 17 Feb 2018, JG1, first record for county in many years  
*Pholisora catullus crestar*, **Inyo Co.**, upgrade in ravine east of Whitney Portal, 27 Jul 2018, KD, confirms subspecies north into Inyo Co.  
*Poanes melane melane*, Mendocino Co., Big River Haul Rd. in state park, 14 May 2018, RH2, photo, rare in county.  
*Poanes melane melane*, Mendocino Co., Spring Grove Rd., 25 Oct 2018, RH2, photo, rare in county.  
*Urbanus dorantes dorantes*, **Riverside Co.**, Anza, 12 Jul 2015, GFF, first record for southern California, previous northern California record a likely accidental introduction

**Lycaenidae:**

*Callophrys augustinus concava*, **Tulare Co.**, Jct. Kennedy Meadows & Pine Crk. Rds. near Spring, 8 May 2018, KD, south for Sierra Nevada east slope  
*Callophrys dumetorum superperplexa*, Inyo Co., Lone Pine Creek below Whitney Portal, 31 Mar-20 Apr 2018, KD, apparently sympatric with *C. sheridani* *lemberti*  
*Callophrys sheridani lemberti*, Inyo Co., Lone Pine Creek below Whitney Portal, 31 Mar 2018, KD, early for *lemberti* and apparently sympatric with *C. dumetorum superperplexa*  
*Callophrys sheridani lemberti*, Tulare Co., Sherman Pass Rd., wet spot along Alder Creek 6800', 29 May 2018, KD, poorly known for county  
*Callophrys spinetorum*, San Diego Co., Wooded Hill by stream (Agua Dulce), Laguna Mts., 8 Jul 2018, KS1, 20 or so seen in region where usually very scarce  
*Cupido amyntula amyntula*, Kern Co., Tehachapi Mountain Park near ranger station, 15 May 2018, KD, found in numbers after many years of absence from site  
*Cupido amyntula amyntula*, Orange Co., Fullerton Arboretum, 11 Feb 2018, BB7, scarce in county  
*Cupido amyntula amyntula*, Santa Barbara Co., Surf Beach and vicinity, 11-22 Oct 2018, NL, unusual fall flight  
*Euphilotes enoptes smithi*, **San Luis Obispo Co.**, Ragged Point Fire Rd., 29 Jun 2018, JG1, new southern range extension, associated with *Eriogonum parvifolium*  
*Euphilotes glaucus comstocki*, Inyo Co., Woods Canyon Lake east of Whitney Portal near 8000', 27 Jul 2018, KD, northern range extension on east side of the Sierra, on *Eriogonum umbellatum*  
*Glaucopsyche lygdamus*, Tulare Co., Sherman Pass Rd., Alder Creek, 29 May 2018, KD, high elevation segregate not extirpated as feared  
*Hemiargus ceraunus gyas*, Riverside Co., Araby Trail, Palm Springs, 10 Feb 2018, PMH, photo by Patricia Moran-Hodge, unusually early in season  
*Plebulina emigdionis*, Kern Co., Onyx off Hwy 178 and off Worthington St., 26 Apr- 21 May 2018, KD, supported despite longterm drought  
*Plebulina emigdionis*, Kern Co., Tehachapi Mts., Sand Canyon 3 mi N of Hwy 58, 15 May 2018, KD, none found at nearby Cameron Rd./Sand Creek site hit by major mud slide  
*Strymon istapa clenchi*, San Diego Co., Oceanside, Guajome Regional Park, 27 Jul 2018, BB7, supported despite longterm drought

**Noctuidae:**

*Abagrotis discoidalis*, **San Diego Co.**, Laguna Mts., Burnt Rancheria CG, 16 Sep 2018, IAW  
*Acronicta impressa emasculata*, **Sierra Co.**, CA 49 @ Haskell Cr. Rd., 6 Jul 2018, KMR, at UV trap  
*Acronicta marmorata*, **Inyo Co.**, Lone Pine, Lone Pine Campground, 24 May 2018, IAW  
*Acronicta perdita*, **Inyo Co.**, Lone Pine, Lone Pine Campground, 24 May 2018, IAW  
*Annaphila mera*, Ventura Co., Lockwood Valley Rd., 26 Apr 2018, VXA, diurnal, on flowers  
*Apamea cuculiformis*, **Sierra Co.**, CA 49 @ Salmon Cr., 6 Jul 2018, KMR, at UV trap  
*Aseptis adnixa*, **San Luis Obispo Co.**, Cambria, Cambria Pines Lodge, 13 Jun 2018, IAW  
*Aseptis adnixa*, **Sierra Co.**, Rt. 54, S of CA 49, 7 Jul 2018, KMR, at UV trap  
*Aseptis pausis*, **Inyo Co.**, Bishop, Bishop Creek Campground, 28 May 2018, IAW

*Autographa metallica*, **Sierra Co.**, Rt. 54, S of CA 49, 7 Jul 2018, KMR, at UV trap  
*Caradrina atrostriga*, **San Diego Co.**, Laguna Mts., Burnt Rancheria CG, 16 Sep 2018, IAW  
*Cryphia cuerva*, **Inyo Co.**, Lone Pine, Lone Pine Campground, 24 May 2018, IAW  
*Egira curialis*, **Mono Co.**, Mammoth Lakes, 8 mi N of Mammoth Lakes/395 Jct., 27 May 2018, IAW  
*Epidemas obscurus*, **San Diego Co.**, Laguna Mts., Burnt Rancheria CG, 16 Sep 2018, IAW  
*Euplexia benesimilis*, **Solano Co.**, Stebbins Cold Canyon Reserve, 9.3 mi W Winters, 9 Apr 2018, JAD  
*Euxoa albipennis*, **Fresno Co.**, Coyote Snow Park, Shaver Lake, 7000', 12 Sep 2018, VXA, at UV trap  
*Euxoa bochus*, **Fresno Co.**, Coyote Snow Park, Shaver Lake, 7000', 12 Sep 2018, VXA, at UV trap  
*Euxoa divergens*, **Calaveras Co.**, FR7N09, N of Rt. 4 Cabbage Patch Maint. Sta., 5 Jul 2018, KMR, at UV trap  
*Euxoa latro*, **Fresno Co.**, Coyote Snow Park, Shaver Lake, 7000', 12 Sep 2018, VXA, at UV trap  
*Euxoa murdocki*, **San Diego Co.**, Laguna Mts., Burnt Rancheria CG, 16 Sep 2018, IAW  
*Euxoa punctigera*, **Fresno Co.**, Coyote Snow Park, Shaver Lake, 7000', 12 Sep 2018, VXA, at UV trap  
*Hadena plumosata*, **Sierra Co.**, Rt. 54, S of CA 49, 7 Jul 2018, KMR, at UV trap  
*Hadena variolata*, **Calaveras Co.**, FR7N09, N of Rt. 4 Cabbage Patch Maint. Sta., 5 Jul 2018, KMR, at UV trap  
*Hemibryomima chryselectra*, **San Diego Co.**, Escondido, The Ranch at Bandy Ranch, 16 Feb 2018, IAW  
*Hyppa indistincta*, **Sierra Co.**, CA 49 @ Haskell Cr. Rd., 6 Jul 2018, KMR, at UV trap  
*Panthea virginarius*, **San Bernadino Co.**, San Bernadino Mtns., San Gorgonio Campground, 21 May 2018, IAW  
*Perigonica fulminans*, **San Bernadino Co.**, San Bernadino Mtns., San Gorgonio CG, 21 May 2018, IAW  
*Pleromelloida conserta*, **Solano Co.**, Stebbins Cold Canyon Reserve, 9.3 mi W Winters, 7 Mar 2018, JAD  
*Pyrrhia exprimens*, **Sierra Co.**, CA 49 @ Haskell Cr. Rd., 6 Jul 2018, KMR, at UV trap  
*Schinia buta*, **San Luis Obispo Co.**, Cambria, 25 Jul 2018, VXA, at UV light  
*Stretchia pictipennis*, **Inyo Co.**, White Mts., Grandview CG, 26 May 2018, IAW  
*Stylopoda cephalica*, **Ventura Co.**, Lockwood Vally Rd., 26 Apr 2018, VXA, diurnal, on flowers  
*Sympistis anubis*, **San Diego Co.**, Laguna Mts., Burnt Rancheria CG, 16 Sep 2018, IAW  
*Sympistis ragani*, **Calaveras Co.**, FR7N09, N of Rt. 4 Cabbage Patch Maint. Sta., 5 Jul 2018, KMR, at UV trap  
*Xestia finatimis*, **Fresno Co.**, Coyote Snow Park, Shaver Lake, 7000', 12 Sep 2018, VXA, at UV trap

#### Notodontidae:

*Gluphisia severa*, **Inyo Co.**, Bishop, Bishop Creek Campground, 28 May 2018, IAW, diurnal

#### Nymphalidae:

*Cercyonis pegala walkerensis*, **Mono Co.**, Conway Ranch in irrigated meadow below Conway Summit, 1 Aug-7 Sep 2018, KN, thousands seen on irrigated pastures, Sep date is late for state  
*Cercyonis pegala walkerensis*, **Mono Co.**, Mono Lake County Park, 15 Aug 2018, KN, southern range extension  
*Chlosyne acastus neumoegeni*, **Mono Co.**, Fish Slough area corrals, N end of Owens Valley, 30 Apr 2018, KN, ssp. *acastus* flies on the east side of the Sierra Nevada a few miles to the west  
*Chlosyne hoffmanni segregata*, **Siskiyou Co.**, Marble Mts., Red Rock Valley Trail, 6 Jun 2018, JG1, few records for county  
*Danaus plexippus*, **Mono Co.**, Mill Creek Road in wetlands 2-4 mi W of SR395, 29 Jul 2018, KD, over 60 seen in 2 hours  
*Euphydryas anicia wheeleri*, **Mono Co.**, Base of Copper Mountain, N of Lundy Canyon, 7 Jun 2018, KN, few records for Mono Basin  
*Euphydryas chalcedona olancha*, **Inyo Co.**, Upgrade to Whitney Portal, E of Lone Pine, 27 Jul 2018, KD, late for state on east side of Sierra Nevada  
*Euptoieta claudia*, **San Bernardino Co.**, Avawitz Mts. In eastern Mojave Desert, 28 Oct 2018, MM4, rare and late for state  
*Libytheana carinenta streckeri*, **San Bernardino Co.**, Big Morongo Canyon near Yucca Valley, 11 Oct 2018, BB7, very rare in county, 3 observed  
*Libytheana carinenta streckeri*, **San Diego Co.**, Anza Borrego State Park, Big Spring, 27 Sep 2018, BB7, 2 observed  
*Nymphalis californica*, **Mono Co.**, Dana Plateau on avalanche slope above and at Ellery Lake, 28 Jul 2018, KD, over 60 observed  
*Nymphalis californica*, **Mono Co.**, Tioga Pass area, Saddlebag Lake, Gaylor Lakes, 30 Jul 2018, KD, most abundant species on butterfly count  
*Nymphalis californica*, **Riverside Co.**, Cactus Spring Trail, Santa Rosa Mts., 8 Mar 2018, BB7, common at locality where rarely seen  
*Nymphalis californica*, **San Diego Co.**, Santa Margarita Preserve, 12 Oct 2018, BB7, unusual at this locality and time of year  
*Nymphalis californica*, **San Luis Obispo Co.**, East Cuesta Ridge, 3 Apr 2018, JG1, several seen, usually scarce in county  
*Nymphalis californica*, **Tulare Co.**, Sherman Pass Rd. between North Meadow & Alder Creek, 17 Oct 2018, KD, 30-40 individuals moving SE during late morning and early afternoon between 5800' and 7000'  
*Speyeria adiate adiate*, **Santa Cruz Co.**, Long Ridge Open Space Preserve, Santa Cruz Mts., 30 Aug 2018, DB1, late flight for state  
*Speyeria callippe macaria*, **Tulare Co.**, Sherman Pass Rd. near Alder Creek 6800', 17 Aug 2018, KD, late for state  
*Speyeria coronis hennei*, **Kern Co.**, Pine Mountain Club, 3 Jul 2018, KD, not seen at locality for several years

#### Oecophoridae:

*Esperia sulphurella*, **Yolo Co.**, Davis, 3 Apr 2018, JAD  
*Ethmia albitogata*, **Fresno Co.**, Prather, Table Mt. Preserve, 9 Feb 2018, VXA, diurnal, active flight above ground;  
*Ethmia monticola*, **Calaveras Co.**, FR7N09, N of Rt. 4 Cabbage Patch Maint. Sta., 5 Jul 2018, KMR, at UV trap;

#### Papilionidae:

*Papilio multicaudata pusillus*, **Tulare Co.**, Kern River N of Roads End, canyon by dam, 4 May & 29 May 2018, KD, first along the Kern River  
*Parnassius behrii*, **Fresno Co.**, Humphreys Basin, Sierra NF, 9 Aug 2018, BAM, very few records for county  
*Parnassius behrii*, **Fresno Co.**, 0.5-1m S of Pinchot Pass 11,000-11,500', 10 Sep 2017, KD, James Vesely photo, late flight for state  
*Parnassius clodius claudianus*, **Siskiyou Co.**, Marble Mts., Red Rock Valley Trail, 6 Jul 2018, JG1, few if any records published for this subspecies in California

**Pieridae:**

- Anthocharis cethura hadromarmorata*, Tulare Co., Kern Plateau on hilltop E side of Lamont Meadows, 26 Apr 2018, KD, 2<sup>nd</sup> record for county
- Anthocharis cethura cethura*, **Orange Co.**, Santa Ana Mts., Bedford Peak and vicinity, 4 Apr 2018, BB7, observed 4 individuals, needs future documentation
- Colias occidentalis*, Siskiyou Co., Marble Mts., Red Rock Valley Trail, 6 Jul 2018, JG1, few records for this species
- Neophasia menapia*, Inyo Co., Whitney Portal on east slope below Mt. Whitney, 8000', 27 Jul 2018, KD, very abundant, mix of normal and larger sized individuals
- Phoebis agarithe fisheri*, Orange Co., San Clemente Avenue, 11 Sep 2018, KD, new host *Calliandra inaequilatera* (pink powder puff), adults common near plant, accompanied by RG
- Phoebis agarithe fisheri*, San Bernardino Co., Covington Park, Morongo Valley, 25 Jul 2018, JZ, northernmost record in Mojave Desert since colonization of CA
- Phoebis sennae marcelina*, Santa Clara Co., San Jose, Evergreen area, 13-18 Oct 2018, KD, photos by Owen Holt, rare or absent past 30+ years since reported by J. W. Tilden
- Pieris marginalis venosa*, San Luis Obispo Co., Upper Los Burros Creek near Oceano, 17 Feb 2018, JG1, new site
- Pontia beckerii*, Orange Co., Cuyamaca Peak Trail, 29 Jul 2012, RG, larvae (3<sup>rd</sup>-5<sup>th</sup> instars) on *Thamnosia montana*
- Pontia beckerii*, Orange Co., Laguna Canyon, James Dilley Preserve, 18 Apr 2017, BB7, 2<sup>nd</sup> record for county
- Pontia beckerii*, Tulare Co., Sherman Pass Rd., 6800' near Alder Creek., 14-17 Aug 2018, KD, apparently transiently established at site, only 2<sup>nd</sup> time in 44 years

**Plutellidae:**

- Ypsolopha flavistrigella*, **Fresno Co.**, Coyote Snow Park, Shaver Lake, 7000', 12 Sep 2018, VXA, in UV trap

**Pterophoridae:**

- Anstenoptilia marmorodactyla*, **Fresno Co.**, Potter Pass Trail, Kaiser Wilderness, 8000', 22 Jun 2018, VXA, flushed from vegetation
- Hellinsia pectodactylus*, **Fresno Co.**, Potter Pass Trail, Kaiser Wilderness, 8000', 22 Jun 2018, VXA, diurnal flushed from vegetation
- Hellinsia thor*, **Fresno Co.**, Potter Pass Trail, 8000', 22 Jun 2018, VXA, **STATE RECORD**, flushed from vegetation
- Oidaematophorus occidentalis*, **Inyo Co.**, Bishop, Bishop Creek Campground, 28 May 2018, IAW
- Platyptilia pernodactylus*, **Fresno Co.**, Potter Pass Trail, Kaiser Wilderness, 8000', 21 Jul 2018, VXA, diurnal, flushed from vegetation

**Pyralidae:**

- Dasypyga alternosquamella*, **San Luis Obispo Co.**, Cambria, 25 Jul 2018, VXA, at UV light
- Homoeosoma oslarellum*, **Solano Co.**, Stebbins Cold Canyon Reserve, 9.3 mi W Winters, 11 Oct 2018, JAD
- Homoeosoma oslarellum*, **Yolo Co.**, Davis, 3 Jun 2018, JAD
- Patagonia peregrinum*, **Solano Co.**, Stebbins Cold Canyon Reserve, 9.3 mi W Winters, 25 May 2018, JAD

**Tineidae:**

- Niditinea fuscella*, **Sacramento Co.**, Carmichael, 18 Sep 2018, VXA, inside house
- Oinophila v-flava*, **San Luis Obispo Co.**, Cambria, 25 Jul 2018, VXA, at UV light

**Tortricidae:**

- Cydia americana*, **Fresno Co.**, Hwy. 168, 5000', 21 May 2018, VXA, diurnal, flushed from vegetation
- Epiblema periculosana*, **Sierra Co.**, CA 49 at Salmon Cr., 6 Jul 2018, KMR, at UV trap
- Epinotia miscana*, **Calaveras Co.**, FR7NO9, N of Rt. 4 Cabbage Patch Maint. Sta., 5 Jul 2018, KMR, at UV trap
- Eucosma columbiana*, **Fresno Co.**, Potter Pass, Kaiser Wilderness, 9000', 22 Jun 2018, VXA, flushed from vegetation
- Eucopina recissoriana*, **Fresno Co.**, Potter Pass Trail, Kaiser Wilderness, 8500', 21 Jul 2018, VXA, diurnal flushed from vegetation
- Hystriophora roessleri*, **Calaveras Co.**, FR7NO9, N of Rt. 4 Cabbage Patch Maint. Sta., 5 Jul 2018, KMR, at UV trap
- Pelochrista grandiflavana*, **Calaveras Co.**, FR7NO9, N of Rt. 4 Cabbage Patch Maint. Sta., 5 Jul 2018, KMR, at UV trap

**Sphingidae:**

- Hemaris thetis*, **Madera Co.**, Lewis Creek Trail, Sierra NF, Oakhurst, 4 May 2018, VXA, diurnal, resting on grass

**Hawaii:****Lycaenidae:**

- Vaga blackburni*, Kauai Co., Waimea Canyon Overlook 3330', Kokee State Park, 22-24 Apr 2018, AS2

**Papilionidae:**

- Papilio xuthus*, Kauai Co., Kalalau Overlook 4120', Kokee State Park, 22 Apr 2018, AS2

**Nevada:****Hesperiidae:**

- Hesperopsis alpheus oricus*, Lyon Co., Artesia Lake N of Wellington, 15 May 2018, KN
- Pholisora catullus catullus*, Lyon Co., Artesia Lake N of Wellington, 15 May 2018, KN

**Lycaenidae:**

- Callophrys sheridanii lemberti*, Storey Co., North Reno, 3 Apr 2018, RB

## Zone 4: Rocky Mountains; Alberta, Colorado, Montana, New Mexico, Utah, Wyoming

Coordinator: Charles E. Harp

**Contributors:** Valeriu Albu (VXA), Steven C. Bransky (SCB), Steven J. Cary (SJC), Nancy & David Ewer (NDE), Michael S. Fisher (MSF), Chuck E. Harp (CEH), Chuck & Cindy Harp (H-H), Kyle E. Johnson (KEJ), Robert A. Martin (RAM), Jason Martineau (JJM), Eric P. Olson (EPO), Ronald J. Parry (RJP), William Taft (WTJ)

There were 20 contributors to the 2018 Summary, coming from 14 listed contributors and an additional sixteen collectors and observers. Some contributors posted records for more than one state. This year's Summary for Zone 4 accounted for seven county records for butterflies and 247 records for moths. It was a season that was marked by a mild winter and early Spring followed by very dry conditions across the central and northern Plains persisting until October. Summer and Fall conditions yielded an extended flight and collecting period.

ALBERTA: Kyle Johnson and Steve Bransky reported on their trip across the region with a list of Lepidoptera.

COLORADO: Colorado experienced a cold dry winter and produced later flights than usual for many moths and butterflies. Snowpack on mountain summits were gone early and conditions in the southwestern parts of the state remained in severe drought all season. Summer temperatures across Colorado were normal but we remained dry and annual August rains were again later than normal. Mild temperatures in early Fall allowed a number of late season butterflies and moths to continue their flights into early-December. After heavy flights of Nymphalids in 2017, this year had a marked decline in numbers across the state.

Nine contributors provided records from the 2018 season, including additional photographic and vouchered specimen data from eleven observers. Two new county records for butterflies were reported and 80 new county records for moths were reported.

MONTANA: Three contributors submitted records for butterflies and moths this season, adding 71 county records for moths from across the state. Bob Martin continued his documentation of moths from west-central Montana and sent vouchers for more new and interesting records. Nancy Ewer submitted photo documentation for additional Lepidoptera. Jason Martineau submitted new postings for material collected in south-central Montana. Many of the photos may again represent state records but must be verified by vouchered specimens.

NEW MEXICO: Steve Cary reported that the state suffered with drought through much of the late Spring and Summer. Cold temperatures came late, leading to another season of late and prolonged flight records. Ron Parry continued to add valuable data for the southwestern part of the state. Three county records for butterflies were noted as well as a total of 42 new county records for moths. Three contributors posted records for New Mexico. Five additional observers aided in submissions this season.

UTAH: Two contributors sent submissions to the Summary. During the moth survey in southeastern Utah, fourteen county records were vouchered. Conditions in mid-May for the Four Corners area were in severe drought and high winds that made collecting impossible. An additional locality was located for *Aseptis harpi* giving the total known number of specimens in collections as twelve.

WYOMING: Jason Martineau sent a submission for butterflies and moths for the 2018 season. Forty-two county records for moths were tallied.

### RECORDS:

## Alberta:

### Crambidae:

*Elophila ekthlipsis*, Lesser Slave River Co, NW of Hondo, 24 Jul 2018, KEJ, **PROVINCIAL RECORD**, from patterned fen, common

**Geometridae:**

*Macaria sulphurea*, **Lesser Slave River Co.**, NW of Hondo, 24 Jul 2018, KEJ, **PROVINCIAL RECORD**, from patterned fen, previous records are apparently *M. amboflava*

**Colorado:**

**Adelidae:**

*Cauchas sedella*, **Clear Creek Co.**, Watrous Gulch Trail, 10300', 11 Jun 2018, VXA, diurnal, on mustard flowers

**Blastobasidae:**

*Hypatopa texanella*, **Denver Co.**, Denver, 10 Jun 2018, VXA, at incandescent light

*Pigritia murfeldtella*, **Fremont Co.**, Phantom Canyon Rd., pullout #5, 5833', 12 Jun 2018, VXA, at MV light

**Crambidae:**

*Abegesta reluctalis*, **Fremont Co.**, Phantom Canyon Rd., pullout #5, 5833', 12 Jun 2018, VXA, at MV light

*Catoptria latradiellus*, **Saguache Co.**, Poso Campground, 37.908236° -106.427778°, 30 Jun 2018, JJM

**Depressariidae:**

*Ethmia semitenebrella*, **Fremont Co.**, Phantom Canyon Rd., pullout #5, 5833', 12 Jun 2018, VXA, at MV light

**Erebidae:**

*Ascalapha odorata*, **Saguache Co.**, Poso Campground, 37.908236° -106.427778°, 30 Jun 2018, JJM

*Bruceia pulverina*, **Saguache Co.**, Poso Campground, 37.908236° -106.427778°, 30 Jun 2018, JJM

*Catocala amestris*, **Boulder Co.**, Superior, N Torreys Peak Drive, 39.925600° -105.157160°, 18 Jul 2018, EPO

*Estigmene albida*, **Boulder Co.**, Boulder Canyon Dr. @ MM38, 40.006742° -105.330215°, 25 May-13 Jun 2018, EPO

*Litocala sexsignata*, **Delta Co.**, CR3100, 5 mi N Leroux Creek crossing, 7000', 23 Apr 2018, MSF, a few seen at road edge

*Zale colorado*, **Fremont Co.**, Phantom Canyon Rd., #67 mkr. #5, N of Hwy 50, 5833', 38.502306° -105.106164°, 11 Apr 2018, H-H, at MV/UV trap, *Q. turbinella*, juniper, cholla

*Zale rubiata*, **Fremont Co.**, Phantom Canyon Rd., #67 mkr. #5, N of Hwy 50, 5833', 38.502306° -105.106164°, 11 Apr 2018, H-H, at MV/UV trap, *Q. turbinella*, juniper, cholla

*Zale termina*, **Fremont Co.**, Phantom Canyon Rd., #67 mkr. #5, N of Hwy 50, 5833', 38.502306° -105.106164°, 11 Apr 2018, H-H, at MV/UV trap, *Q. turbinella*, juniper, cholla

**Euteliidae:**

*Marathyssa inficita*, **Fremont Co.**, Phantom Canyon Rd., pullout #5, 5833', 12 Jun 2018, VXA, at MV light

**Gelechiidae:**

*Coleotechnites coniferella*, **Denver Co.**, Denver, 10 Jun 2018, VXA, at incandescent light

*Gelechia bianulella*, **Fremont Co.**, Phantom Canyon Rd., pullout #5, 5833', 12 Jun 2018, VXA, at MV light

*Gelechia caudatae*, **Fremont Co.**, Phantom Canyon Rd., pullout #5, 5833', 12 Jun 2018, VXA, at MV light

*Prolita sexpunctella*, **Clear Creek Co.**, Watrous Gulch Trail, 11000', 11 Jun 2018, VXA, flushed from vegetation at day

**Geometridae:**

*Digrammia atrofasciata*, **Fremont Co.**, Phantom Canyon Rd., pullout #5, 5833', 12 Jun 2018, VXA, at MV light

*Euchlaena johnsonaria*, **Saguache Co.**, Poso Campground, 37.908236° -106.427778°, 30 Jun 2018, JJM

*Hydriomena albimontana*, **Saguache Co.**, Poso Campground, 37.908236° -106.427778°, 30 Jun 2018, JJM

*Hydriomena similis*, **Saguache Co.**, Poso Campground, 37.908236° -106.427778°, 30 Jun 2018, JJM

*Iridopsis emasculatum*, **Saguache Co.**, Poso Campground, 37.908236° -106.427778°, 30 Jun 2018, JJM

*Macaria flavicaria*, **Saguache Co.**, Poso Campground, 37.908236° -106.427778°, 30 Jun 2018, JJM

*Macaria helena*, **Fremont Co.**, Phantom Canyon Rd., pullout #5, 5833', 12 Jun 2018, VXA, at MV light

*Macaria quadrilinearis*, **Saguache Co.**, Poso Campground, 37.908236° -106.427778°, 30 Jun 2018, JJM

*Nemeris speciosa*, **Saguache Co.**, Poso Campground, 37.908236° -106.427778°, 30 Jun 2018, JJM

*Prionomelia spododea*, **Chaffee Co.**, 4.5 mi W of Buena Vista, 38.83225° -106.212778°, 29 Jun 2018, JJM

*Somatolophia pallescens*, **Saguache Co.**, Poso Campground, 37.908236° -106.427778°, 30 Jun 2018, JJM

*Stenoporpa glaucomarginaria*, **Saguache Co.**, Poso Campground, 37.908236° -106.427778°, 30 Jun 2018, JJM

**Gracillariidae:**

*Caloptilia stigmatella*, **Denver Co.**, Denver, 10 Jun 2018, VXA, at incandescent light

**Hesperiidae:**

*Copaeodes aurantiaca*, **Douglas Co.**, Roxborough Park, 18 Jul 2018, MSF, photo record from Gordon Revey

**Lasiocampidae:**

*Hypopacha grisea*, **Chaffee Co.**, 4.5 mi W of Buena Vista, 38.83225° -106.212778°, 29 Jun 2018, JJM

**Noctuidae:**

*Acrionicta cyanescens*, **Saguache Co.**, Poso Campground, 37.908236° -106.427778°, 30 Jun 2018, JJM

*Acrionicta edolata*, **Fremont Co.**, Phantom Canyon Rd., #67 mkr. #5, N of Hwy 50, 5833', 38.502306° -105.106164°, 11 Apr 2018, H-H, at MV/UV trap, *Q. turbinella*, juniper, cholla

*Acrionicta grisea*, **Boulder Co.**, 4.6 mi E of Ward, on Lefthand Canyon Dr., 40.068033° -105.441887°, 21 Jun 2018, EPO

*Acrionicta hasta*, **Boulder Co.**, Boulder Canyon Dr. @ MM38, 40.006742° -105.330215°, 25 May 2018, EPO

*Acrionicta lupini*, **Saguache Co.**, Poso Campground, 37.908236° -106.427778°, 30 Jun 2018, JJM

*Acrionicta perdita*, **Saguache Co.**, Poso Campground, 37.908236° -106.427778°, 30 Jun 2018, JJM

*Amphipyra pyramidoidea*, **Garfield Co.**, South Canyon Creek Rd., 1.0 mi S of Hwy I-70, 6164', 39.54149° -107.41609°, 14-15 Sep 2018, H-H, at MV/UV traps, roadside with oak/cherry



*Anarta crotchii*, **Fremont Co.**, Phantom Canyon Rd., #67 mkr. #5, N of Hwy 50, 5833', 38.502306° -105.106164°, 11 Apr 2018, H-H, at MV/UV trap, *Q. turbinella*, juniper, cholla

*Anorthodes triquetra*, **Fremont Co.**, Phantom Canyon Rd., #67 mkr. #5, N of Hwy 50, 5833', 38.502306° -105.106164°, 11 Apr 2018, H-H, at MV/UV trap, *Q. turbinella*, juniper, cholla

*Egira perlubens*, **Fremont Co.**, Phantom Canyon Rd., #67 mkr. #5, N of Hwy 50, 5833', 38.502306° -105.106164°, 11 Apr 2018, H-H, at MV/UV trap, *Q. turbinella*, juniper, cholla

*Eupsilia colorado*, **Garfield Co.**, South Canyon Creek Rd., 1.0 mi S of Hwy I-70, 5808', 39.55695° -107.40959°, 19-20 Apr 2018, H-H, at MV/UV traps, roadside with oak/cherry

*Eupsilia colorado*, **Jefferson Co.**, 4.5 mi W of Chatfield Lake, Wildcat Gulch, 6222', 39.5437° -105.1675°, 29 Sep-4 Oct 2018, CEH, at molasses bait, poplar/oak/cherry assoc.

*Euxoa lucida*, **Garfield Co.**, South Canyon Creek Rd., 1.0 mi S of Hwy I-70, 6164', 39.54149° -107.41609°, 14-15 Sep 2018, H-H, at MV/UV traps, roadside with oak/cherry

*Euxoa mimallonis gageates*, **Saguache Co.**, Poso Campground, 37.908236° -106.427778°, 30 Jun 2018, JJM

*Euxoa mitis*, **Mesa Co.**, 3.4 mi S of Gateway, John Brown Canyon Rd., 6107', 38.63092° -109.0086°, 13-14 Sep 2018, H-H, at MV/UV traps, pinyon/oak/*Ericameria*

*Homorthodes reliqua*, **Saguache Co.**, Poso Campground, 37.908236° -106.427778°, 30 Jun 2018, JJM

*Lacinipolia incurva*, **Fremont Co.**, Phantom Canyon Rd., #67 mkr. #5, N of Hwy 50, 5833', 38.502306° -105.106164°, 11 Apr 2018, H-H, at MV/UV trap, *Q. turbinella*, juniper, cholla

*Nocloa duplicatus*, **Sedgwick Co.**, Julesburg Welcome Center, 40.9661° -102.2515°, 9 Jun 2018, CEH, **STATE RECORD**, at MV lights

*Perigonica fulminans*, **Fremont Co.**, Phantom Canyon Rd., #67 mkr. #5, N of Hwy 50, 5833', 38.502306° -105.106164°, 11 Apr 2018, H-H, at MV/UV trap, *Q. turbinella*, juniper, cholla

*Platypolia anceps*, **Garfield Co.**, South Canyon Creek Rd., 1.0 mi S of Hwy I-70, 6164', 39.54149° -107.41609°, 14-15 Sep 2018, H-H, at MV/UV traps, roadside with oak/cherry

*Platypolia contadina*, **Jefferson Co.**, 4.5 mi W of Chatfield Lake, Wildcat Gulch, 6222', 39.5437° -105.1675°, 29 Sep-4 Oct 2018, CEH, at molasses bait, poplar/oak/cherry assoc.

*Polia nimbosea*, **Saguache Co.**, Poso Campground, 37.908236° -106.427778°, 30 Jun 2018, JJM

*Sympistis albifasciata*, **Garfield Co.**, South Canyon Creek Rd., 1.0 mi S of Hwy I-70, 6164', 39.54149° -107.41609°, 14-15 Sep 2018, H-H, at MV/UV traps, roadside with oak/cherry

*Sympistis hayesi*, **Mesa Co.**, 3.4 mi S of Gateway, John Brown Canyon Rd., 6107', 38.63092° -109.0086°, 13-14 Sep 2018, H-H, at MV/UV traps

*Sympistis ibapahensis*, **Mesa Co.**, 3.4 mi S of Gateway, John Brown Canyon Rd., 6107', 38.63092° -109.0086°, 13-14 Sep 2018, H-H, at MV/UV traps

*Ulolonche fasciata*, **Saguache Co.**, Poso Campground, 37.908236° -106.427778°, 30 Jun 2018, JJM

*Xestia bolteri*, **Saguache Co.**, Poso Campground, 37.908236° -106.427778°, 30 Jun 2018, JJM

#### Papilionidae:

*Papilio rumiko*, **Prowers Co.**, Lamar, 14 Aug 2018, MSF, female from photos sent by Janeal Thompson, confirmed by MSF, first definite **STATE RECORD** although other 'cresphontes' may be.

#### Pyralidae:

*Aglossa baba*, **Fremont Co.**, Phantom Canyon Rd., pullout #5, 5833', 12 Jun 2018, VXA, at MV light

*Alberada parabates*, **Fremont Co.**, Phantom Canyon Rd., pullout #5, 5833', 12 Jun 2018, VXA, at MV light

*Ancylosis marrisonella*, **Fremont Co.**, Phantom Canyon Rd., pullout #5, 5833', 12 Jun 2018, VXA, at MV light

*Barberia affinitella*, **Fremont Co.**, Phantom Canyon Rd., pullout #5, 5833', 12 Jun 2018, VXA, at MV light

*Coenochroa illibella*, **Fremont Co.**, Phantom Canyon Rd., pullout #5, 5833', 12 Jun 2018, VXA, at MV light

*Ephesiodes erythrella*, **Fremont Co.**, Phantom Canyon Rd., pullout #5, 5833', 12 Jun 2018, VXA, at MV light

*Pococera callipelella*, **Fremont Co.**, Phantom Canyon Rd., pullout #5, 5833', 12 Jun 2018, VXA, at MV light

*Quasisalebria admixta*, **Fremont Co.**, Phantom Canyon Rd., pullout #5, 5833', 12 Jun 2018, VXA, at MV light

*Salebriaria maximella*, **Fremont Co.**, Phantom Canyon Rd., pullout #5, 5833', 12 Jun 2018, VXA, at MV light

*Sosipatra anthopila*, **Fremont Co.**, Phantom Canyon Rd., pullout #5, 5833', 12 Jun 2018, VXA, at MV light

#### Sesiidae:

*Alcathoe pepsoides*, **Garfield Co.**, Newcastle, Garfield State Game Area, 22 Jul 2018, WTJ, form 'atra'

#### Tortricidae:

*Archips argyrospila*, **Denver Co.**, Denver, 10 Jun 2018, VXA, at incandescent light

*Choristoneura freemani*, **Saguache Co.**, Poso Campground, 37.908236° -106.427778°, 30 Jun 2018, JJM

*Eucopina bobana*, **Fremont Co.**, Phantom Canyon Rd., pullout #5, 5833', 12 Jun 2018, VXA, at MV light

*Eucosma hodgesi*, **Fremont Co.**, Phantom Canyon Rd., pullout #5, 5833', 12 Jun 2018, VXA, at MV light

*Eucosma rupestrana*, **Fremont Co.**, Phantom Canyon Rd., pullout #5, 5833', 12 Jun 2018, VXA, at MV light

*Pelochrista agricolana*, **Fremont Co.**, Phantom Canyon Rd., pullout #5, 5833', 12 Jun 2018, VXA, at MV light

*Pelochrista argenteana*, **Fremont Co.**, Phantom Canyon Rd., pullout #5, 5833', 12 Jun 2018, VXA, at MV light

*Pelochrista collilonga*, **Fremont Co.**, Phantom Canyon Rd., pullout #5, 5833', 12 Jun 2018, VXA, at MV light

*Pelochrista invicta*, **Fremont Co.**, Phantom Canyon Rd., pullout #5, 5833', 12 Jun 2018, VXA, at MV light

## Montana:

#### Crambidae:

*Eudonia commortalis*, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 46°36.190' -112°5.152', 4 Aug 2018, RAM, photo record

*Herpetogramma thestealis*, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 46°36.190' -112°5.152', 2 Aug 2018, RAM, photo record

**Depressariidae:**  
*Pyramidobela quinquecristata*, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 46°36.190' -112°5.152', 28 Aug 2014, RAM, photo record

**Douglasiidae:**  
*Tinagma giganteum*, **Missoula Co.**, South Fork Cold Creek, 5 mi W of Condon, 3865', 47°32.907' -113°47.882', 29 Jul 2012, RAM, photo record

**Erebidae:**  
*Apantesis speciosa*, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 46°36.190' -112°5.152', 10 Jul 2018, RAM, ID by Nick Dowdy  
*Arctia parthenos*, **Lewis & Clark Co.**, Benchmark Campground, 19 mi W of Augusta, 5434', 46°29.16' -112°52.860', 10 Jul 2018, RAM, photo record  
*Caenurgina annexa*, **Beaverhead Co.**, Maverick Mt. Ski Area, Beaverhead-Deerlodge NF, 30 Jun 2018, NDE  
*Catocala parta*, **Custer Co.**, Matthews Recreation Area, 46.500800° -105.735278°, 3 Sep 2018, JJM  
*Catocala ultronia*, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 46°36.190' -112°5.152', 11 Aug 2018, RAM, photo record  
*Catocala unijuga*, **Lewis & Clark Co.**, Helena City Limits, 11 Sep 2018, NDE, attracted to black lights  
*Cycnia tenera*, **Big Horn Co.**, Tongue River, 45.138253° -106.766944°, 19-21 Jun 2018, JJM  
*Drasteria divergens*, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 46°36.190' -112°5.152', 14 Jun 2018, RAM, photo record  
*Drasteria hudsonica*, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 46°36.190' -112°5.152', 23 Jun 2018, RAM, photo record  
*Hypena decorata*, **Lewis & Clark Co.**, Ten Mile Creek, Rimini, 46°29.489' -112°15.090', 5 May 2018, RAM, photo record

**Gelechiidae:**  
*Aristotelia amelanchierella*, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 46°36.190' -112°5.152', 26 May 2018, RAM, photo record  
*Aristotelia pudibundella*, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 46°36.190' -112°5.152', 21 Apr 2018, RAM, photo record  
*Aristotelia roseosuffusella*, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 46°36.190' -112°5.152', 3 May 2018, RAM, photo record  
*Aroga websteri*, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 46°36.190' -112°5.152', 22 Apr 2018, RAM, photo record  
*Caryocolum pullatella*, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 46°36.190' -112°5.152', 4 May 2018, RAM, photo record  
*Chionodes whitmanella*, **Lewis & Clark Co.**, 414 ½ East Clark, Helena, 46°36.38' -111°54.933', 7 Sep 2010, RAM, photo record, Bugguide ID  
*Syncopacma nigrella*, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 46°36.190' -112°5.152', 31 Aug 2017, RAM, photo record

**Geometridae:**  
*Caripeta aequalaria*, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 46°36.190' -112°5.152', 2 Aug 2012, RAM, photo record  
*Caripeta divisata*, **Lewis & Clark Co.**, Copper Creek, 10 mi N of Lincoln, 6250', 47°04.371' -112°43.533', 5 Jul 2018, RAM, photo record  
*Chlorosea banksaria*, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 46°36.190' -112°5.152', 1 Aug 2018, RAM, photo record  
*Lycia rachelae*, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 46°36.190' -112°5.152', 9 May 2018, RAM, photo record  
*Macaria quadrilinearia*, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 46°36.190' -112°5.152', 7 Sep 2018, RAM, photo record  
*Stenoptilia junctaria*, **Teton Co.**, Cave Mt. CG, Lewis & Clark NF, 4 Aug 2018, NDE  
*Venusia pearsalli*, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 46°36.190' -112°5.152', 3 Jun 2018, RAM, photo record

**Glyphipterigidae:**  
*Acrolepiopsis californica*, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 46°36.190' -112°5.152', 5-21 May 2018, RAM, photo record

**Gracillariidae:**  
*Caloptilia ovatiella*, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 46°36.190' -112°5.152', 30 Sep 2017, RAM, photo record

**Hesperiidae:**  
*Thymelicus lineola*, **Judith Basin Co.**, Dry Wolf Rd., Lewis & Clark NF, 8 Jul 2018, NDE, thousands seen 10 miles apart

**Momphidae:**  
*Mompha sturnipennella*, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 46°36.190' -112°5.152', 28-29 May 2018, RAM, ID based on BOLD photos

**Nepticulidae:**  
*Stigmella corylifoliella*, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 46°36.190' -112°5.152', 30 May 2018, RAM, ID based on BOLD photos

**Noctuidae:**  
*Agnorisma bugrai*, **Custer Co.**, Matthews Recreation Area, 46.500800° -105.735278°, 3 Sep 2018, JJM  
*Agrotis rileyana*, **Custer Co.**, Matthews Recreation Area, 46.500800° -105.735278°, 3 Sep 2018, JJM  
*Agrotis venerabilis*, **Custer Co.**, Matthews Recreation Area, 46.500800° -105.735278°, 3 Sep 2018, JJM  
*Agrotis vetusta*, **Custer Co.**, Matthews Recreation Area, 46.500800° -105.735278°, 3 Sep 2018, JJM  
*Anarta hamata*, **Custer Co.**, Matthews Recreation Area, 46.500800° -105.735278°, 3 Sep 2018, JJM  
*Apamea occidens*, **Custer Co.**, Matthews Recreation Area, 46.500800° -105.735278°, 3 Sep 2018, JJM  
*Aseptis characta*, **Big Horn Co.**, Tongue River, 45.138253° -106.766944°, 19 Jun 2018, JJM  
*Bellura densa*, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 46°36.190' -112°5.152', 15 Jun 2018, RAM, ID by Nick Dowdy  
*Escarria claudia*, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 46°36.190' -112°5.152', 18 Oct 2017, RAM, ID based on PNW and BOLD photos  
*Euxoa inconcinna*, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 46°36.190' -112°5.152', 17 Oct 2017, RAM, photo record  
*Lacinipolia acutipennis*, **Big Horn Co.**, Tongue River, 45.138253° -106.766944°, 19 Jun 2018, JJM  
*Lacinipolia acutipennis*, **Lewis & Clark Co.**, 414 ½ East Clark, Helena, 46°36.38' -111°54.933', 27 Jul 2011, RAM, photo record, ID by BugGuide  
*Lacinipolia longiclava*, **Big Horn Co.**, Tongue River, 45.138253° -106.766944°, 19 Jun 2018, JJM  
*Lacinipolia renigera*, **Custer Co.**, Matthews Recreation Area, 46.500800° -105.735278°, 3 Sep 2018, JJM  
*Lacinipolia vicina*, **Lewis & Clark Co.**, 414 ½ East Clark, Helena, 46°36.38' -111°54.933', 9 Jun 2013, RAM, photo record  
*Nephelodes minians*, **Custer Co.**, Matthews Recreation Area, 46.500800° -105.735278°, 3 Sep 2018, JJM  
*Polia nugatis*, **Custer Co.**, Matthews Recreation Area, 46.500800° -105.735278°, 3 Sep 2018, JJM  
*Ponometia candefacta*, **Big Horn Co.**, Tongue River, 45.138253° -106.766944°, 19 Jun 2018, JJM

*Rhizagrotis stylata*, **Big Horn Co.**, Tongue River, 45.138253° -106.766944°, 21 Jun 2018, JJM  
*Schinia acutilinea*, **Custer Co.**, Matthews Recreation Area, 46.500800° -105.735278°, 3 Sep 2018, JJM  
*Sunira verberata*, **Custer Co.**, Matthews Recreation Area, 46.500800° -105.735278°, 3 Sep 2018, JJM  
*Sympistis chionanthi*, **Custer Co.**, Matthews Recreation Area, 46.500800° -105.735278°, 3 Sep 2018, JJM  
*Sympistis umbrifascia*, **Lewis & Clark Co.**, Cottonwood Gulch, 5 mi N of York, 46°47.893' -111°47.700', 26 Aug 2018, RAM, photo record  
*Xestia c-nigrum*, **Custer Co.**, Matthews Recreation Area, 46.500800° -105.735278°, 3 Sep 2018, JJM  
*Zosteropoda hirtipes*, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 46°36.190' -112°5.152', 17 Jul 2018, RAM, photo record

**Psychidae:**

*Siederia walshella*, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 46°36.190' -112°5.152', 8 Jul 2018, RAM, photo record

**Pterophoridae:**

*Paraplatyptilia cooleyi*, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 46°36.190' -112°5.152', 20 Jul 2018, RAM, photo record  
*Stenoptilia coloradensis*, **Teton Co.**, Cave Mt. CG, Lewis & Clark NF, 4 Aug 2018, NDE

**Pyralidae:**

*Acallis gripalis*, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 46°36.190' -112°5.152', 1 Aug 2018, RAM, photo record  
*Phycitodes reliquellum*, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 46°36.190' -112°5.152', 19 Oct 2017, RAM, photo record  
*Toripalpus trabalis*, **Big Horn Co.**, Tongue River, 45.138253° -106.766944°, 19 Jun 2018, JJM

**Saturniidae:**

*Coloada pandora*, **Lewis & Clark Co.**, Cottonwood Gulch, 5 mi N of York, 46°47.893' -111°47.700', 13 Jun 2018, RAM, photo record

**Tineidae:**

*Eccritothrix guenterella*, **Lewis & Clark Co.**, 414 ½ East Clark, Helena, 46°36.38' -111°54.933', 12 Jun 2012, RAM, photo record

**Tischeriidae:**

*Astrotischeria ambrosiaella*, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 46°36.190' -112°5.152', 27 Mar & 4 May 2018, RAM, photo record

**Tortricidae:**

*Acleris flavivittana*, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 46°36.190' -112°5.152', 6 May 2018, RAM, photo record  
*Grapholita packardii*, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 46°36.190' -112°5.152', 26 Jun 2018, RAM, photo record  
*Grapholita vitrana*, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 46°36.190' -112°5.152', 7 Jun 2018, RAM, photo record  
*Notocelia illotana*, **Lewis & Clark Co.**, Ten Mile Creek, Rimini, 5156', 46°29.489' -112°15.090', 23 Jun 2018, RAM, photo record  
*Olethreutes glaciana*, **Jefferson Co.**, Thunderbolt Cr., 2 mi N of Whitehouse CG, 19 Jul 2018, NDE

## New Mexico:

**Argyresthiidae:**

*Argyresthia alternatella*, **Grant Co.**, Saddle Rock Canyon, Big Burro Mts., Gila NF, 5200', 32.770° -108.516°, 16-17 Apr 2018, RLP, at UV trap, sandy, grassy, rabbitbrush, oaks, junipers

**Crambidae:**

*Crambus angustexon*, **Catron Co.**, head of the Ditch CG, Apache NF, 7200', 33.8189° -108.9903°, 24-25 Jun 2017, RLP, at UV trap, ponderosa pine, grassy meadows, riparian area  
*Jativa castanealis*, **Grant Co.**, 32 Diamond A Dr., Big Burro Mts., Gila NF, 5900', 32.687° -108.473°, 31 Jul-1 Aug 2018, RLP, at UV light, oak-pinyon-juniper forest  
*Loxostege allectalis*, **Grant Co.**, Saddle Rock Canyon, Big Burro Mts., Gila NF, 5200', 32.770° -108.516°, 16-17 Apr 2018, RLP, at UV trap, sandy, grassy, rabbitbrush, oaks, junipers

**Erebidae:**

*Cissusa mucronata*, **Grant Co.**, 32 Diamond A Dr., Big Burro Mts., Gila NF, 5900', 32.687° -108.473°, 13-14 Apr 2017, RLP, at UV light, oak-pinyon-juniper forest  
*Metalectra cinctus*, **Grant Co.**, Axle Canyon Preserve, Big Burro Mts., Gila NF, 6000', 32.627° -108.513°, 1-2 Aug 2018, RLP, at UV trap, sandy, grassy, oaks, junipers, pinyon pine, cottonwoods  
*Phobolosa anfracta*, **Catron Co.**, S. Fork Negrito Creek CG, Gila NF, 7600', 33.5278° -108.5834°, 13-14 Jun 2018, RLP, at UV trap, pine forest  
*Pseudorgyia russula*, **Grant Co.**, Saddle Rock Canyon, Big Burro Mts., Gila NF, 5200', 32.770° -108.516°, 16-17 Apr 2018, RLP, at UV trap, sandy, grassy, rabbitbrush, oaks, junipers  
*Zale edusina*, **Grant Co.**, 32 Diamond A Dr., Big Burro Mts., Gila NF, 5900', 32.687° -108.473°, 21-22 May 2018, RLP, at UV light, oak-pinyon-juniper forest

**Gelechiidae:**

*Eudactylota iobapta*, **Grant Co.**, Axle Canyon Preserve, Big Burro Mts., Gila NF, 6000', 32.627° -108.513°, 17-18 Jun 2018, RLP, at UV trap, sandy, grassy, oaks, junipers, pinyon pine, cottonwoods  
*Filatima obidenna*, **Grant Co.**, Saddle Rock Canyon, Big Burro Mts., Gila NF, 5200', 32.770° -108.516°, 16-17 Apr 2018, RLP, at UV trap, sandy, grassy, rabbitbrush, oaks, junipers

**Geometridae:**

*Cyclica frondaria*, **Sandoval Co.**, NE Albuquerque, Juan Tabo P.G. at N gate, 6893', 35.2204° -106.4841°, 16 Mar 2018, H-H, at MV/UV trap, juniper, *Nolina*, *Q. turbinella*  
*Drepanulatrix unicalcararia*, **Grant Co.**, Meadow Creek, Pinos Altos Mts., Gila NF, 7200', 32.955° -108.172°, 13-14 May 2018, RLP, at UV trap, Creekside, pines, willows, alligator juniper

*Erephila grandipennis*, **Bernalillo Co.**, NE Albuquerque, La Cueva P.G. entrance, 6120', 35.20296° -106.5028°, 15 Mar 2018, H-H, at UV trap, dry creekbed, juniper, *Nolina*, *Q. turbinella*  
*Erephila grandipennis*, **Sandoval Co.**, NE Albuquerque, Juan Tabo P.G. at N gate, 6893', 35.2204° -106.4841°, 16 Mar 2018, H-H, at MV/UV trap, juniper, *Nolina*, *Q. turbinella*  
*Eriplatymetra grottearia*, **Grant Co.**, Meadow Creek, Pinos Altos Mts., Gila NF, 7200', 32.955° -108.172°, 13-14 May 2018, RLP, at UV trap, Creekside, pines, willows, alligator juniper

#### Hesperiidae:

*Urbanus dorantes*, **Sierra Co.**, Elephant Butte, 23 Sep 2018, SJC, sight record by Angela Majewicz, northern range extension

#### Noctuidae:

*Acontia chea*, **Grant Co.**, 32 Diamond A Dr., Big Burro Mts., Gila NF, 5900', 32.687° -108.473°, 31 Aug-1 Sep 2018, RLP, at UV light, oak-pinyon-juniper forest  
*Cucullia serraticornis*, **Sandoval Co.**, NE Albuquerque, Juan Tabo P.G. at N gate, 6893', 35.2204° -106.4841°, 16 Mar 2018, H-H, at MV/UV trap, juniper, *Nolina*, *Q. turbinella*  
*Dichagyris salina*, **Grant Co.**, Axle Canyon Preserve, Big Burro Mts., Gila NF, 6000', 32.627° -108.513°, 31 Jul-1 Aug 2018, RLP, at UV trap, sandy, grassy, oaks, junipers, pinyon pine, cottonwoods  
*Euxoa serricornis*, **Grant Co.**, Axle Canyon Preserve, Big Burro Mts., Gila NF, 6000', 32.627° -108.513°, 18-19 Apr 2018, RLP, at UV trap, sandy, grassy, oaks, junipers, pinyon pine, cottonwoods  
*Fota amata*, **Grant Co.**, 32 Diamond A Dr., Big Burro Mts., Gila NF, 5900', 32.687° -108.473°, 6-7 Jun 2016, RLP, at UV light, oak-pinyon-juniper forest  
*Hyperepia jugifera*, **Grant Co.**, 32 Diamond A Dr., Big Burro Mts., Gila NF, 5900', 32.687° -108.473°, 10-11 Sep 2018, RLP, at UV light, oak-pinyon-juniper forest  
*Lacinipolia incurva*, **Grant Co.**, Axle Canyon Preserve, Big Burro Mts., Gila NF, 6000', 32.627° -108.513°, 18-19 Apr 2018, RLP, at UV trap, sandy, grassy, oaks, junipers, pinyon pine, cottonwoods  
*Lacinipolia rodora*, **Grant Co.**, North Star Mesa Rd., Gila NF, 7500', 33.061° -107.997°, 17-18 Aug 2017, RLP, at UV trap, ponderosa pine, pinyon pine, juniper, oak  
*Lacinipolia spiculosa*, **Grant Co.**, Meadow Creek, Pinos Altos Mts., Gila NF, 7200', 32.955° -108.172°, 13-14 May 2018, RLP, at UV trap, Creekside, pines, willows, alligator juniper  
*Lithophane subtilis*, **Sandoval Co.**, NE Albuquerque, Juan Tabo P.G. at N gate, 6893', 35.2204° -106.4841°, 16 Mar 2018, H-H, at MV/UV trap, juniper, *Nolina*, *Q. turbinella*  
*Lithophane torrida*, **Bernalillo Co.**, 2.5 mi S of Tijeras, Hwy 337 roadside pullout, 6720', 35.0512° -106.3821°, 17 Mar 2018, H-H, at MV/UV trap, creekbed pinyon, juniper, *Ericameria*  
*Orthosia annulimacula*, **Sandoval Co.**, NE Albuquerque, Juan Tabo P.G. at N gate, 6893', 35.2204° -106.4841°, 16 Mar 2018, H-H, at MV/UV trap, juniper, *Nolina*, *Q. turbinella*  
*Tripudia inquaesita*, **Grant Co.**, Saddle Rock Canyon, Big Burro Mts., Gila NF, 5200', 32.770° -108.516°, 16-17 Apr 2018, RLP, at UV trap, sandy, grassy, rabbitbrush, oaks, junipers  
*Xylena brucei*, **Sandoval Co.**, NE Albuquerque, Juan Tabo P.G. at N gate, 6893', 35.2204° -106.4841°, 16 Mar 2018, H-H, at MV/UV trap, juniper, *Nolina*, *Q. turbinella*

#### Nymphalidae:

*Speyeria cybele*, **Los Alamos Co.**, Camp May, 21 Jul 2018, SJC  
*Thessalia theona chinatiensis*, **Dona Ana Co.**, WSMR Base, 31 Jul 2018, SJC, sight record by Rob Wu, NW range extension

#### Pyralidae:

*Dioryctria gulosella*, **Grant Co.**, North Star Mesa Rd., Gila NF, 7500', 33.061° -107.997°, 17-18 Aug 2017, RLP, at UV trap, ponderosa pine, pinyon pine, juniper, oak  
*Honora mellinella*, **Grant Co.**, North Star Mesa Rd., Gila NF, 7500', 33.061° -107.997°, 17-18 Aug 2017, RLP, at UV trap, ponderosa pine, pinyon pine, juniper, oak  
*Rostrolaetia nigromaculella*, **Grant Co.**, Saddle Rock Canyon, Big Burro Mts., Gila NF, 5200', 32.770° -108.516°, 22-23 May 2018, RLP, at UV trap, sandy, grassy, rabbitbrush, oaks, junipers

#### Tortricidae:

*Clepsis anderslaneyii*, **Grant Co.**, North Star Mesa Rd., Gila NF, 7500', 33.061° -107.997°, 17-18 Aug 2017, RLP, at UV trap, ponderosa pine, pinyon pine, juniper, oak

## Utah:

#### Erebidae:

*Drasteria scrupulosa*, **Garfield Co.**, 12 mi ENE of Escalante in Dixie NF, 37.810564° -111.820556°, 5 Jul 2018, JJM

#### Geometridae:

*Eusarca tibiaria*, **Garfield Co.**, 12 mi ENE of Escalante in Dixie NF, 37.810564° -111.820556°, 5 Jul 2018, JJM  
*Glena nigricaria*, **Garfield Co.**, 12 mi ENE of Escalante in Dixie NF, 37.810564° -111.820556°, 5 Jul 2018, JJM  
*Mericisca gracea*, **Garfield Co.**, 12 mi ENE of Escalante in Dixie NF, 37.810564° -111.820556°, 5 Jul 2018, JJM  
*Prionomelia spododea*, **Garfield Co.**, 12 mi ENE of Escalante in Dixie NF, 37.810564° -111.820556°, 5 Jul 2018, JJM  
*Prochoerodes amplicineraria*, **Garfield Co.**, 12 mi ENE of Escalante in Dixie NF, 37.810564° -111.820556°, 5 Jul 2018, JJM  
*Synchlora bistriaria*, **Wayne Co.**, 6.5 mi NNE of Hanksville, 4623', 38.4609° -110.6737°, 10 May 2018, H-H, at MV/UV trap, N group of roadside buttes near open sands  
*Vinemina opacaria*, **Garfield Co.**, 12 mi ENE of Escalante in Dixie NF, 37.810564° -111.820556°, 5 Jul 2018, JJM

**Noctuidae:**

- Aseptis harpi*, **Wayne Co.**, 6.5 mi NNE of Hanksville, 4623', 38.4609° -110.6737°, 10 May 2018, H-H, at MV/UV trap, N group of roadside buttes near open sands
- Euxoa hardwicki*, **Wayne Co.**, 6.5 mi NNE of Hanksville, 4623', 38.4609° -110.6737°, 10 May 2018, H-H, at MV/UV trap, N group of roadside buttes near open sands
- Protogygia pallida*, **Wayne Co.**, 6.5 mi NNE of Hanksville, 4623', 38.4609° -110.6737°, 10 May 2018, H-H, at MV/UV trap, N group of roadside buttes near open sands
- Protogygia rufescens*, **Wayne Co.**, 6.5 mi NNE of Hanksville, 4623', 38.4609° -110.6737°, 10 May 2018, H-H, at MV/UV trap, N group of roadside buttes near open sands
- Schinia immaculata*, **Grand Co.**, 7 mi NE of Moab, Hwy 128 at mkr #5, 3996', 39.6265° -109.5062°, 13 May 2018, H-H, at MV/UV traps, mouth of canyon with poplar/*Ericameria*/juniper
- Sympistis khem*, **Garfield Co.**, 12 mi ENE of Escalante in Dixie NF, 37.810564° -111.820556°, 5 Jul 2018, JJM

**Wyoming:****Erebidae:**

- Manulea bicolor*, **Crook Co.**, N of Sundance, Bear Lodge Mts., 44.495544° -104.463611°, 10 Aug 2018, JJM
- Parasemia plantaginis*, **Big Horn Co.**, Cherry Creek, 43.646278° -107.310000°, 14 Jun 2018, JJM
- Platarctia parthenos*, **Crook Co.**, N of Sundance, Bear Lodge Mts., 44.495544° -104.463611°, 10 Aug 2018, JJM
- Zale duplicata*, **Sheridan Co.**, Sheridan (residential), 44.780619° -106.955000°, 31 May 2018, JJM

**Euteliidae:**

- Nycteola cinereana*, **Sheridan Co.**, Sheridan (residential), 44.780619° -106.955000°, 5 May 2018, JJM

**Geometridae:**

- Digrammia cinereola*, **Sheridan Co.**, Sheridan (residential), 44.780619° -106.955000°, 31 May & 9 Jun 2018, JJM
- Digrammia denticulata*, **Sheridan Co.**, Sheridan (residential), 44.780619° -106.955000°, 31 May 2018, JJM
- Drepanulatrix falcataria*, **Sheridan Co.**, Little Goose Canyon, 44.583400° -107.033056°, 4 May 2018, JJM
- Dysnomia citrata*, **Sublette Co.**, Bridger Teton NF near Big Sandy Opening, 42.661503° -109.271944°, 20 Aug 2018, JJM
- Ennomos magnaria*, **Crook Co.**, N of Sundance, Bear Lodge Mts., 44.495544° -104.463611°, 10 Aug 2018, JJM
- Ennomos magnaria*, **Sheridan Co.**, Sheridan (residential), 44.780619° -106.955000°, 7 Sep 2018, JJM
- Ixala desperaria*, **Crook Co.**, N of Sundance, Bear Lodge Mts., 44.495544° -104.463611°, 10 Aug 2018, JJM
- Lomographa semiclarata*, **Sheridan Co.**, Red Grade Trails, 44.623989° -107.086111°, 8 Jun 2018, JJM
- Prochoerodes lineola*, **Crook Co.**, N of Sundance, Bear Lodge Mts., 44.495544° -104.463611°, 10 Aug 2018, JJM
- Tetracis cachexiata*, **Sheridan Co.**, Sheridan (residential), 44.780619° -106.955000°, 27 May 2018, JJM
- Thera otisi*, **Sublette Co.**, Bridger Teton NF near Big Sandy Opening, 42.661503° -109.271944°, 20 Aug 2018, JJM
- Xanthorhoe decoloraria*, **Sublette Co.**, Leckie, 42.573314° -109.245278°, 21 Aug 2018, JJM

**Hepialidae:**

- Gazoryctra pulcher*, **Sublette Co.**, Leckie, 42.573314° -109.245278°, 21 Aug 2018, JJM

**Hesperiidae:**

- Thymelicus lineola*, **Sheridan Co.**, Gay Creek, 44.998458° -107.489444°, 27 Jun 2018, JJM

**Noctuidae:**

- Agrotis antica*, **Sublette Co.**, Leckie, 42.573314° -109.245278°, 21 Aug 2018, JJM
- Agrotis orthogonia*, **Natrona Co.**, 12 mi ENE of Arminto, 42.275583° -107.065278°, 22 Sep 2018, JJM
- Anarta obesula*, **Johnson Co.**, Powder River Rest Stop, 44.214192° -106.158056°, 18 May 2018, JJM
- Cricographa normani*, **Sheridan Co.**, Sheridan (residential), 44.780619° -106.955000°, 5 May 2018, JJM
- Dichagyris variabilis*, **Sublette Co.**, Leckie, 42.573314° -109.245278°, 21 Aug 2018, JJM
- Euxoa atomarioris*, **Natrona Co.**, 12 mi ENE of Arminto, 42.275583° -107.065278°, 22 Sep 2018, JJM
- Euxoa catenula*, **Natrona Co.**, 12 mi ENE of Arminto, 42.275583° -107.065278°, 22 Sep 2018, JJM
- Euxoa catenula*, **Sublette Co.**, Leckie, 42.573314° -109.245278°, 21 Aug 2018, JJM
- Euxoa declarata*, **Natrona Co.**, 12 mi ENE of Arminto, 42.275583° -107.065278°, 22 Sep 2018, JJM
- Euxoa medialis*, **Natrona Co.**, 12 mi ENE of Arminto, 42.275583° -107.065278°, 22 Sep 2018, JJM
- Euxoa rufula*, **Sublette Co.**, Bridger Teton NF near Big Sandy Opening, 42.661503° -109.271944°, 20 Aug 2018, JJM
- Helicoverpa zea*, **Natrona Co.**, Pathfinder Reservoir, 42.469492° -106.860000°, 18 Sep 2018, JJM
- Hydraecia obliqua*, **Sublette Co.**, Bridger Teton NF near Big Sandy Opening, 42.661503° -109.271944°, 20 Aug 2018, JJM
- Lithophane torrida*, **Sheridan Co.**, Sheridan (residential), 44.780619° -106.955000°, 5 May 2018, JJM
- Nephelodes minians*, **Sheridan Co.**, Sheridan (residential), 44.780619° -106.955000°, 7 Sep 2018, JJM
- Nephelodes minians*, **Sublette Co.**, Bridger Teton NF near Big Sandy Opening, 42.661503° -109.271944°, 20 Aug 2018, JJM
- Resapamea innota*, **Sublette Co.**, Leckie, 42.573314° -109.245278°, 21 Aug 2018, JJM
- Tesagrotis piscipellis*, **Sublette Co.**, Leckie, 42.573314° -109.245278°, 21 Aug 2018, JJM
- Tholeria americana*, **Sublette Co.**, Leckie, 42.573314° -109.245278°, 21 Aug 2018, JJM
- Xestia vernilis*, **Sublette Co.**, Leckie, 42.573314° -109.245278°, 21 Aug 2018, JJM
- Xylena curvimacula*, **Sheridan Co.**, Sheridan (residential), 44.780619° -106.955000°, 25 May 2018, JJM

**Notodontidae:**

- Gluphisia septentrionis*, **Johnson Co.**, Powder River Rest Stop, 44.214192° -106.158056°, 18 May 2018, JJM
- Lochmaeus bilineata*, **Crook Co.**, N of Sundance, Bear Lodge Mts., 44.495544° -104.463611°, 10 Aug 2018, JJM

## Zone 5: Great Plains; Kansas, Manitoba, Nebraska, North Dakota, Oklahoma, Saskatchewan, South Dakota

Coordinator Michael M. Ellsbury

Contributors: W. David Arbour (WDA), Mark Black (MAB), Dr. Matthew Brust (MLB), Bill Carrel (BRC), Jennifer Dankert (JLD), Neil E. Dankert (NED), Mark Dreiling (MJD), Zach DuFran (ZDF), Nancy & David Ewer (NDE), John Fisher (JFF), Chuck E. Harp (CEH), Eric Haskell (EH1), Jon Ivey (JCI), Cliff Ivy (CAI), Kyle E. Johnson (KEJ), Donne Martin (DM2), Jason Martineau (JJM), D. & K. Munson (DKM), Clay Nichols (CAN), Oklahoma Lepidoptera Survey? (OLS), Babs & Loren Padelford (BLP), Michael Palmer (MWP), Jim Reiser (JMR), Bryan Reynolds (BER), Paul Ribitzki (PWR), Kent Schaefer (KFS), Sandra Schwin (SKS), Steven Spomer (SMS), Jona Tucker (JAT), Cynthia & Matthew Van den Broeke (VDB)

No written summary was provided by the zone coordinator.

### RECORDS:

#### Manitoba:

##### Crambidae:

*Anania funebris*, Black Wolf Trail, Hecla Provincial Park, 7 Jun 2018, NDE

##### Geometridae:

*Macaria occiduaria*, Westman Region, Spruce Woods Provincial Park, 26 Jul 2018, KEJ

##### Lycaenidae:

*Fenisca tarquinius*, wildlife viewing tower trail, Hecla Provincial Park, 7 Jun 2018, NDE, P-3 Number: 77-0289;

*Satyrium titus*, Westman Region, Spruce Woods Provincial Park, 27 Jul 2018, KEJ;

##### Noctuidae:

*Copablepharon grandis*, Westman Region, Spruce Woods Provincial Park, 26 Jul 2018, KEJ

*Copablepharon longipenne*, Westman Region, Spruce Woods Provincial Park, 26 Jul 2018, KEJ

*Cucullia luna*, Westman Region, Spruce Woods Provincial Park, 26 Jul 2018, KEJ

##### Nymphalidae:

*Danaus plexippus*, Westman Region, Spruce Woods Provincial Park, 27 Jul 2018, KEJ

*Euptoieta claudia*, Westman Region, Spruce Woods Provincial Park, 27 Jul 2018, KEJ

*Speyeria aphrodite*, Westman Region, Spruce Woods Provincial Park, 27 Jul 2018, KEJ

#### Nebraska:

##### Tortricidae:

*Aethes spartinana*, **Lancaster Co.**, Greenwood St., 40°50'36.225" -96°38'34.263", 24 Jul 2018, VDB, **STATE RECORD**, photo ID by Aaron Hunt

*Cochylis temerana*, **Knox Co.**, 15 Jul 2018, MAB, **STATE RECORD**

*Epiblema carolinana*, **Sarpy Co.**, Melia Hill, 5 Jul 2018, BLP, **STATE RECORD**, BugGuide #1554465, ID by Aaron Hunt

*Pandemis lamprosana*, **Sarpy Co.**, Bellevue, 3 Jun 2018, BLP, **STATE RECORD**, BugGuide #1530773

*Pelochrista costastriata*, **Knox Co.**, 16 May 2018, MAB, **STATE RECORD**

*Pelochrista vagana*, **Sarpy Co.**, Fontanelle Forest, 9 Jul 2012, BLP, **STATE RECORD**, BugGuide #671201, ID by Aaron Hunt

*Platynota flavedana*, **Sarpy Co.**, 24 Jun 2018, BLP, **STATE RECORD**, BugGuide #1543682

##### Crambidae:

*Hahncappsia coloradensis*, **Knox Co.**, Creighton, 7 Aug 2018, MAB, **STATE RECORD**

*Leptosteges vestaliella*, **Lancaster Co.**, Greenwood St., 40°50'36.225" -96°38'34.263", 11 Jun 2018, VDB, **STATE RECORD**

##### Erebidae:

*Catocala vidua*, **Lancaster Co.**, Lincoln, 18 Aug 2018, SMS, **STATE RECORD**

*Chytolita morbidalis*, **Sarpy Co.**, Bellevue, 3 Jun 2018, BLP, **STATE RECORD**, BugGuide #1530753

*Tetanolita mynesalis*, **Lancaster Co.**, Greenwood St., 40°50'36.225" -96°38'34.263", 24 Jul 2018, VDB, **STATE RECORD**

*Virbia laeta*, **Sarpy Co.**, Fontanelle Forest, 7 Jun 2018, BLP, **STATE RECORD**, BugGuide #1534032

##### Noctuidae:

*Allagrapha aerea*, **Sarpy Co.**, Fontanelle Forest, 2 Sep 2014, BLP, **STATE RECORD**, BugGuide #1463672

*Heliocheilus lupatus*, **Nemaha Co.**, ICSP, 9 Aug 2018, SMS, **STATE RECORD**, MV light, ID confirmed by Chuck Harp

##### Notodontidae:

*Heterocampa guttivitta*, **Sarpy Co.**, Bellevue, 12 Jul 2017, BLP, **STATE RECORD**, BugGuide #1402790, ID by Bob Biagi

**Gelechiidae:**

*Chionodes discoocellella*, **Lancaster Co.**, Greenwood St., 40°50'36.225" -96°38'34.263", 29 Jul 2018, VDB, **STATE RECORD**

**Geometridae:**

*Melanolophia canadaria*, **Sarpy Co.**, Fontanelle Forest Nature Center, 3 May 2018, BLP, **STATE RECORD**, BugGuide #1515822

**Hesperiidae:**

*Ancyloxypha numitor*, **Saline Co.**, Swan Lake, 4 Jul 2018, SMS

*Atrytone arogas*, **Kearney Co.**, Youngson WPA, 27 Jun 2018, JLD

*Erynnis baptisiae*, **Kearney Co.**, Gleason WPA, 23 Jun 2018, NED

*Erynnis baptisiae*, **Phelps Co.**, Funk WPA, 24 Jun 2018, NED

**Lycaenidae:**

*Satyrium acadica*, **Garfield Co.**, Cedar River Road, 42°02.643 -98°57.338, 30 Jun 2018, DKM

*Strymon melinus*, **Seward Co.**, Twin Lakes, 4 Jul 2018, SMS

**Nymphalidae:**

*Libytheana carinenta*, **Dawes Co.**, Chadron, 17 Jul 2018, MLB

*Libytheana carinenta*, **Hooker Co.**, 16.5 mi W of Mullen, 8 Jun 2018, MLB

*Libytheana carinenta*, **Thurston Co.**, near Walthill, 13 Aug 2018, JMR

*Limenitis archippus*, **Madison Co.**, Yellowbanks SWMA, 2 Sep 2018, JJM

*Phyciodes mylitta*, **Dawes Co.**, Chadron State Park, campground trail, 17 Jul 2018, MLB

*Phyciodes mylitta*, **Sioux Co.**, Gilbert Baker SWMA, 18 Jul 2018, MLB

*Speyeria mormonia*, **Scotts Bluff Co.**, Gehring, 30 Jul 2018, MAB, photo in BugGuide

**Pyralidae:**

*Pyla fusca*, **Sarpy Co.**, Fontanelle Forest, 7 Jun 2018, BLP, **STATE RECORD**, BugGuide #1534624

**Sphingidae:**

*Agrius cingulatus*, **Buffalo Co.**, near Kearney, 19 Sep 2018, NED

*Erinnyis obscura*, **Saunders Co.**, near Mead, 17 Aug 2018, SMS, 5<sup>th</sup> record for the state

**Tineidae:**

*Monopis crocipitella*, **Lancaster Co.**, Greenwood St., 40°50'36.225" -96°38'34.263", 11 Jun 2018, VDB, **STATE RECORD**, photo ID by Marcia Morris

## Oklahoma:

**Cosmopterigidae:**

*Walshia miscelorella*, **Pawnee Co.**, Keystone Lake Peninsula area, 1 Nov 2016, PWR, UV light, photo record

**Crambidae:**

*Agriphila vulgavigella*, **Muskogee Co.**, Greenleaf SP, 6 Oct 2018, OLS, at bioblitz

*Conchylodes conciinnalis*, **Oklahoma Co.**, Oklahoma City, 21 May 2017, CAN, at BL, photo

*Desmia maculalis*, **Johnston Co.**, Lefler Ranch, 1 Apr 2017, OLS, leg. B. Smith-Patten

*Desmia maculalis*, **Pawnee Co.**, Keystone Lake Peninsula area, 4 Apr 2017, PWR, at light, photo

*Desmia subdivisalis*, **Cleveland Co.**, Norman, 18 May 2017, ZDF, at light, photo

*Diastictis ventralis*, **Creek Co.**, Lake Sahoma, bait shop, 12 Apr 2017, PWR, photo

*Dicymolomia julianalis*, **Cleveland Co.**, Norman, 5 May 2017, ZDF, at light, photo

*Dicymolomia julianalis*, **Oklahoma Co.**, Oklahoma City, 10 Apr 2017, CAN, at BL, photo, **STATE RECORD**

*Hymenia perspectalis*, **Logan Co.**, Edmond, between Waterloo Rd & Seward, off Pine, 8 Oct 2018, OLS, photo by D. A. Nash

*Lineodes integra*, **Logan Co.**, Edmond, 22 Oct 2018, OLS, photo by T. Sims

*Loxostege albiceralis*, **Cimarron Co.**, Texhoma, 13 Sep 2018, KFS, at lights, photo, **STATE RECORD**

*Lygropia rivulalis*, **Cleveland Co.**, Norman, 25 Jul 2018, OLS, at light, photo by R. S. Parker

*Parapoynx allionealis*, **Atoka Co.**, TNC Boehler Seeps Preserve, Boehler Lake, 30 Jul 2018, EH1, photo

*Pseudoschinia elautalis*, **Cimarron Co.**, Black Mesa SP, 15 May 2018, BRC, at lights, photo, **STATE RECORD**

*Pyrausta inornatalis*, **Grady Co.**, Chickasha, 16 Sep 2018, OLS, photo by A. Pearce

*Pyrausta laticlavata*, **Cleveland Co.**, Moore/Norman, 29 Jun 2018, OLS, photo by C. B. Reidl

*Pyrausta laticlavata*, **Oklahoma Co.**, Oklahoma City, 21 Apr 2017, CAN, at BL, photo

*Pyrausta onythesalis*, **Oklahoma Co.**, Oklahoma City, 8 Apr 2017, CAN, at BL, photo

*Thaumatopsis fernaldella*, **Muskogee Co.**, Greenleaf SP, 6 Oct 2018, BRC, at BL, photo

*Udea rubigalis*, **Adair Co.**, Stillwell, Caney Creek, 27 Mar 2017, CAI, photo

**Depressariidae:**

*Antaeotricha leucillana*, **Pawnee Co.**, Keystone Lake Peninsula area, 5 Apr 2017, PWR, at light, photo

*Antaeotricha schlaegeri*, **Pawnee Co.**, Keystone Lake Peninsula area, 5 Apr 2017, PWR, at light, photo

**Drepanidae:**

*Eudeilinia herminiata*, **Grady Co.**, nr. Hwy 37 & county line, 29 Jun 2018, OLS, photo by J. Hopkins

**Erebidae:**

*Apantesis vittata*, **Pontotoc Co.**, TNC Pontotoc Ridge Preserve, HQ area, 28 Apr 2018, JFF, at UV light, photo record

*Argyrostroma anilis*, **Oklahoma Co.**, Oklahoma City, 8 May 2017, CAN, at UV light, photo record

*Argyrostroma anilis*, **Roger Mills Co.**, 8.5 mi W of Cheyenne, S of Hwy 47, vic. Croton Lake, 35.6124° -99.8232°, 20-21 Aug 2018, CEH, MV/UV traps, mesquite, acacia grassland, 2154'

*Argyrostroma anilis*, **Woodward Co.**, Woodward, 18 Aug 2018, OLS, photo by K.B. Gentry

*Ascalapha odorata*, **Caddo Co.**, Cogar, 4 Jul 2018, OLS, photo by O. Pack  
*Ascalapha odorata*, **Canadian Co.**, Yukon, 27 Jul 2018, OLS, at lights, photo record  
*Bulia deducta*, **Oklahoma Co.**, Oklahoma City, 11 Apr 2017, CAN, at UV light, photo record  
*Catocala amatrix*, **Canadian Co.**, Calumet, 11 Aug 2018, OLS, at lights, photo by V. Daughety  
*Catocala amatrix*, **Cleveland Co.**, Norman, 8 Sep 2018, OLS, photo by T. Kuder  
*Catocala amatrix*, **Comanche Co.**, Elgin, 21 Aug 2017, OLS, photo by M. Bertein  
*Catocala amatrix*, **Woodward Co.**, Woodward, 13 Jul 2018, OLS, photo by K.B. Gentry  
*Catocala delilah*, **Stephens Co.**, Waurika Lake, north end, 2 Jun 2018, OLS, photo by T. Totty  
*Catocala maestososa*, **Muskogee Co.**, Greenleaf SP, 5 Oct 2018, BRC, photo record  
*Catocala micronympha*, **Stephens Co.**, Waurika Lake, north end, 2 Jun 2018, OLS, photo by T. Totty  
*Catocala mira*, **Canadian Co.**, Calumet, 11 Aug 2018, OLS, at lights, photo by V. Daughety  
*Catocala umbrosa*, **McCurtain Co.**, Broken Bow, 22 Jul 2018, OLS, photo by C.B. Reidl  
*Catocala vidua*, **Mayes Co.**, Locust Grove, 7 Oct 2018, OLS, at light, photo by K. James  
*Catocala vidua*, **Muskogee Co.**, Greenleaf SP, 5 Oct 2018, BRC, photo record  
*Cissusa spadix*, **Creek Co.**, Lake Sahoma, bait shop, 9 Apr 2017, PWR, photo record  
*Cissusa spadix*, **Pawnee Co.**, Keystone Lake Peninsula area, 20 Mar 2017, PWR, at light, photo record  
*Crambidia cephalica*, **Texas Co.**, Texhoma, 4 Sep 2018, KFS, at light, photo record  
*Cycnia collaris*, **Comanche Co.**, Wichita Mountains NWR, 31 May 2018, OLS, larva, photo record  
*Drasteria mirifica*, **Texas Co.**, Texhoma, 15 May 2018, KFS, photo record  
*Estigmene acrea*, **Jackson Co.**, Altus, 8 Oct 2018, OLS, at lights, photo by K. Osborn  
*Estigmene acrea*, **Logan Co.**, Crescent, 17 Jun 2018, OLS, at lights, photo by R.B. Anderson  
*Euchaetes egle*, **McClain Co.**, Blanchard, 7 Sep 2018, OLS, larva, photo by M. Nicole  
*Euchaetes egle*, **Ottawa Co.**, Miami, 6 Sep 2018, OLS, larva, photo by L. Edington  
*Euchaetes egle*, **Rogers Co.**, Owasso, 7 May 1963, OLS, larva on *Asclepias* sp., photo by C. Schilling  
*Euclidia intercalaris*, **Cimarron Co.**, 1.6 mi E of Kenton, N of Hwy 325/E007 rd, 36.9044° -102.9342°, 15-16 Aug 2018, CEH, **STATE RECORD**,  
MV/UV traps, roadside pullout, *Q. turbeinella*, *Q. havardii*, mesquite, 4456'  
*Eurythra phasma*, **Stephens Co.**, Clear Creek Lake, N end, 1 Aug 2018, DM2, at lights, photo record  
*Grammia arge*, **Oklahoma Co.**, Oklahoma City, 13 Apr 2017, CAN, at UV light, photo record  
*Halysidota harrisii*, **Canadian Co.**, Yukon, 17 Sep 2018, OLS, larva, photo by M. Nicole  
*Haploa clymene*, **Adair Co.**, Stillwell, Caney Creek, 29 Jun 2017, JCI, at light, photo record  
*Haploa clymene*, **Tulsa Co.**, Sand Springs, 12 Aug 2018, JFF, at light, sight record  
*Haploa reversa*, **Oklahoma Co.**, Oklahoma City, 2 Jun 2018, CAN, at UV light, photo record  
*Haploa reversa*, **Stephens Co.**, Clear Creek Lake, N end, 2 Jun 2018, DM2, at lights, photo record  
*Hemeroplanis scopulepes*, **Atoka Co.**, TNC Boehler Seeps Preserve, Boehler Lake, 29 Jul 2018, EH1, photo record  
*Hypercompe bijugalis*, **Adair Co.**, Castle Rock, 15 May 2017, CAI, at lights, photo record  
*Hypercompe scribonia*, **Okmulgee Co.**, Eram, 2 mi S on 240 Rd, 18 Sep 2018, OLS, larva, photo by K. King  
*Hypercompe scribonia*, **Payne Co.**, Perkins, 26 Jul 2018, OLS, larva, photo by J.C. Shaw  
*Hypercompe scribonia*, **Pushmataha Co.**, Kellond, 22 Mar 2017, JAT, larva, photo record  
*Hypoprepia miniata*, **Rogers Co.**, Catoosa, 14 Sep 2018, OLS, at lights, photo by A.D. Malone  
*Melipotis cellaris*, **Oklahoma Co.**, Oklahoma City, 7 May 2017, CAN, at UV light, photo record  
*Mocis texana*, **Comanche Co.**, Elgin, 14 Jul 2018, OLS, photo by M. Bertein  
*Mocis texana*, **Roger Mills Co.**, 8.5 mi W of Cheyenne, S of Hwy 47, vic. Croton Lake, 35.6124° -99.8232°, 20-21 Aug 2018, CEH, MV/UV  
traps, mesquite, acacia grassland, 2154'  
*Phyprosopus callitrichoides*, **Pawnee Co.**, Keystone Lake Peninsula area, 12 Apr 2017, PWR, at light, photo record  
*Renia adspersgillus*, **Adair Co.**, Stillwell, Caney Creek, 14 May 2017, JCI, at light, photo record  
*Spilosoma congrua*, **Pawnee Co.**, Keystone Lake Peninsula area, 15 Apr 2017, PWR, at light, photo record  
*Spilosoma virginica*, **Jackson Co.**, Altus, 8 Oct 2018, OLS, at lights, photo by K. Osborn  
*Tathorhynchus exsiccatus*, **Texas Co.**, Texhoma, 5 Sep 2018, KFS, at light, photo record  
*Zale horrida*, **Pawnee Co.**, Keystone 14 Aug 2017, PWR, at light, photo record  
*Zale horrida*, **Stephens Co.**, Clear Creek Lake, N end, 12 Aug 2018, DM2, at lights, photo record

#### Gelechiidae:

*Aroga camptogramma*, **Oklahoma Co.**, Oklahoma City, 30 Apr 2017, CAN, **STATE RECORD**, at UV light, photo record  
*Polyhymno luteostrigella*, **Cleveland Co.**, Goldsby, 13 May 2017, ZDF, photo record, open agricultural field  
*Pseudotelphusa quercinigracella*, **Pawnee Co.**, Keystone Lake Peninsula area, 2 Apr 2017, PWR, at light, photo record  
*Taygete attributella*, **Cleveland Co.**, Norman, 1 May 2012, ZDF, at lights, photo record

#### Geometridae:

*Anavitrinella pampinaria*, **Stephens Co.**, Clear Creek Lake, N end, 12 Aug 2018, DM2, at lights, photo record  
*Chlorochlamys chloroleucaria*, **Creek Co.**, Lake Sahoma, 3 Apr 2017, PWR, on bait shop wall, photo record  
*Digrammia delectata*, **Oklahoma Co.**, Oklahoma City, 11 Apr 2017, CAN, at UV light, photo record  
*Dyspteris abortivaria*, **Rogers Co.**, Claremore, 29 Jul 2018, OLS, photo by D.R. Passmore-Armstrong  
*Episemasia cervinaria*, **Cleveland Co.**, Norman, 14 May 2017, ZDF, photo record  
*Euacidalia sericearia*, **Cleveland Co.**, Norman, 14 Jul 2018, ZDF, at light, photo record  
*Euacidalia sericearia*, **Kingfisher Co.**, Dover, 12 mi W, 31 Jul 2018, OLS, at lights, photo by B. Stevenson  
*Euchlaena obtusaria*, **Cleveland Co.**, Norman, 4 May 2017, ZDF, at light, photo record  
*Eumacaria madopata*, **Okmulgee Co.**, Oklahoma City, 20 May 2017, CAN, at UV light, photo record  
*Eupithecia miserulata*, **Pawnee Co.**, Keystone Lake Peninsula area, 2 Apr 2017, PWR, at light, photo record



*Fernaldella fimetaria*, **Kingfisher Co.**, Dover, 12 mi W, 7 Aug 2018, OLS, at lights, photo by B. Stevenson  
*Idaea demissaria*, **Muskogee Co.**, Greenleaf SP, 6 Oct 2018, ZDF, at UV light, sight record  
*Illecta intractata*, **Muskogee Co.**, Greenleaf SP, 5 Oct 2018, ZDF, at UV light, photo record  
*Iridopsis defectoria*, **Muskogee Co.**, Muskogee, Honor Heights Park, 24 Aug 2016, CAI, photo record  
*Lobocleta ossularia*, **Muskogee Co.**, Greenleaf SP, 5 Oct 2018, ZDF, photo record  
*Lomographa glomeraria*, **Pawnee Co.**, Keystone Lake Peninsula area, 23 Mar 2017, PWR, at light, photo record  
*Lycia ypsilon*, **Pawnee Co.**, Keystone Lake Peninsula area, 21 Feb 2017, PWR, at UV light, photo record  
*Macaria promiscuata*, **Pawnee Co.**, Keystone Lake Peninsula area, 13 Apr 2017, PWR, at light, photo record  
*Melanolophia signataria*, **Pawnee Co.**, Keystone Lake Peninsula area, 1 Apr 2017, PWR, at light, photo record  
*Orthonama obstipata*, **Cleveland Co.**, Norman, 17 May 2017, ZDF, at light, photo record  
*Orthonama obstipata*, **Oklahoma Co.**, Oklahoma City, 7 Apr 2017, CAN, at UV light, photo record  
*Phaeoura quernaria*, **Pawnee Co.**, Keystone Lake Peninsula area, 20 Mar 2017, PWR, at light, photo record  
*Scopula limboundata*, **Grady Co.**, nr. Hwy 37 & county line, 29 Jun 2018, OLS, photo by J. Hopkins  
*Synchlora aerata*, **Oklahoma Co.**, Oklahoma City, 20 Apr 2017, CAN, at UV light, photo record  
*Synchlora frondaria*, **Muskogee Co.**, Greenleaf SP, 5 Oct 2018, OLS, at light, photo by J. Ross  
*Synchlora frondaria*, **Pawnee Co.**, Keystone Lake Peninsula area, 10 Apr 2017, PWR, at light  
*Synchlora frondaria*, **Wagoner Co.**, Stone Bluff, 27 Oct 2018, OLS, at light, photo by L. Seppard

#### Heliozelidae:

*Antispila ampelopsifoliella*, **Payne Co.**, Mehan, 16 Apr 2017, MWP, **STATE RECORD**, ex larva

#### Hesperiidae:

*Calpodus ethlius*, **Cleveland Co.**, Norman, 6 May 2018, OLS, photo by G. Landes  
*Calpodus ethlius*, **Johnston Co.**, 1 mi S of TNC Oka'Yanahli Preserve, 30 May 2018, JAT, larva on *Thalia dealbata*, photo record  
*Calpodus ethlius*, **McCurtain Co.**, Red Slough WMA, 6 May 2018, WDA, photo on *Thalia dealbata*  
*Calpodus ethlius*, **Oklahoma Co.**, Edmond, N of Waterloo Rd., 23 Aug 2018, OLS, larva, photo by S. Noakes  
*Erynnis funeralis*, **Muskogee Co.**, Muskogee, 12 Jun 2018, OLS, photo C. Yott  
*Lerema accius*, **Oklahoma Co.**, Oklahoma City Zoo, 23 Aug 2015, EH1, photo record  
*Megathymus yuccae*, **Jefferson Co.**, Waurika Lake, 12 Mar 2017, EH1, photo record  
*Panoquina ocola*, **Adair Co.**, Stillwell, Caney Creek, 21 Oct 2017, CAI, photo record  
*Panoquina ocola*, **Cleveland Co.**, Norman, William Morgan Park, 27 Aug 2016, EH1, photo record  
*Urbanus proteus*, **Stephens Co.**, Clear Creek Lake, N end, 3 Sep 2018, DM2, photo record

#### Lacturidae:

*Lactura psammitis*, **Pawnee Co.**, Keystone Lake Peninsula area, 4 Apr 2017, PWR, at light, photo

#### Limacodidae:

*Apoda y-inversum*, **Bryan Co.**, Durant, 3 Aug 2018, OLS, photo record  
*Euclea delphinii*, **Creek Co.**, Mounds, Neely-Anderson Veteran's Memorial Park, 27 Jun 2018, OLS, larva, photo by R. St. Clair Woodruff  
*Euclea delphinii*, **Grady Co.**, Chickasha, 22 Sep 2018, OLS, larva, photo by A. Pearce  
*Euclea delphinii*, **Logan Co.**, Robbers Cave SP, 24 Jun 2018, OLS, larva, photo by C. Stoops  
*Euclea delphinii*, **Stephens Co.**, Clear Creek Lake, N end, 15 Sep 2001, DM2, larva  
*Heterogenea shurtleffi*, **Cleveland Co.**, Norman, 29 Jun 2017, ZDF, **STATE RECORD**, at light, photo record  
*Parasa indetermina*, **Adair Co.**, Stillwell, 26 Aug 2018, OLS, larva, photo by A. Martin

#### Lycaenidae:

*Brephidium exilis*, **Canadian Co.**, Calumet, 19 Sep 2018, OLS, photo by V. Daughety  
*Celastrina neglecta*, **Okmulgee Co.**, Morris, 5 mi E, 13 Jun 2018, OLS, photo by K. King  
*Celastrina neglecta*, **Stephens Co.**, Clear Creek Lake, N end, 9 Jun 2018, DM2, photo record  
*Leptotes marina*, **Payne Co.**, Glencoe, 22 Sep 2018, OLS, photo by L. Miller

#### Megalopygidae:

*Norape ovina*, **Adair Co.**, Stillwell, Caney Creek, 28 Jun 2016, JCI, at light, photo record

#### Noctuidae:

*Acronicta americana*, **Cleveland Co.**, Norman, 10 Sep 2018, OLS, larva, photo by T. Kuder  
*Acronicta brumosa*, **Canadian Co.**, Calumet, 27 Sep 2018, OLS, Daughety  
*Acronicta edolata*, **Cimarron Co.**, 1.6 mi E of Kenton, N of Hwy 325/E007 rd., 36.9044° -102.9342°, 15-16 Aug 2018, CEH, at MV/UV light, roadside pullout, *Q. turbinella*, *Q. havardii*, mesquite, 4456'  
*Acronicta extricata*, **Cimarron Co.**, 1.6 mi E of Kenton, N of Hwy 325/E007 rd., 36.9044° -102.9342°, 15-16 Aug 2018, CEH, at MV/UV light, roadside pullout, *Q. turbinella*, *Q. havardii*, mesquite, 4456'  
*Acronicta grisea*, **Cimarron Co.**, 1.6 mi E of Kenton, N of Hwy 325/E007 rd., 36.9044° -102.9342°, 15-16 Aug 2018, CEH, at MV/UV light, roadside pullout, *Q. turbinella*, *Q. havardii*, mesquite, 4456'  
*Acronicta liturata*, **Cimarron Co.**, 1.6 mi E of Kenton, N of Hwy 325/E007 rd., 36.9044° -102.9342°, 15-16 Aug 2018, CEH, at MV/UV light, roadside pullout, *Q. turbinella*, *Q. havardii*, mesquite, 4456'  
*Acronicta lobeliae*, **Pawnee Co.**, Keystone Lake Peninsula, 2 Apr 2017, PWR, at light, photo record  
*Agrotis ipsilon*, **Pawnee Co.**, Keystone Lake Peninsula, 13 Nov 2011, PWR, at light, photo record  
*Alypia octomaculata*, **Muskogee Co.**, Muskogee, 15 Jun 2018, OLS, photo by C. Yott  
*Alypia octomaculata*, **Stephens Co.**, Clear Creek Lake, N end, 12 Apr 2014, DM2, photo record  
*Azenia obtusa*, **Roger Mills Co.**, 8.5 mi W of Cheyenne, S of Hwy 47, vic. of Croton Lake., 35.6124° -99.8232°, 20-21 Aug 2018, CEH, at MV/UV light, mesquite, acacia grassland, 2154'  
*Basilodes chrysoptis*, **Oklahoma Co.**, Edmond, 10 Sep 2018, OLS, larva, photo by S. Bliss

*Catabena lineolata*, **Cimarron Co.**, 1.6 mi E of Kenton, N of Hwy 325/E007 rd., 36.9044° -102.9342°, 15-16 Aug 2018, CEH, **STATE RECORD**, at MV/UV light, roadside pullout, *Q. turbinella*, *Q. havardii*, mesquite, 4456'

*Chloridea virescens*, **Cherokee Co.**, Dry Creek, 8 Sep 2018, OLS, larva, photo by L. Darling

*Chloridea virescens*, **Cleveland Co.**, Lexington WMA, 5 May 2017, BER, photo record

*Chloridea virescens*, **Muskogee Co.**, I-40 westbound rest stop, Webbers Falls exit, 6 Apr 2017, PWR, photo record

*Chytonix palliatricula*, **Pawnee Co.**, Keystone Lake Peninsula, 14 Apr 2017, PWR, at light, photo record

*Condica vecors*, **Stephens Co.**, Clear Creek Lake, N end, 3 Oct 2018, DM2, at UV lights, photo record

*Condica videns*, **Pawnee Co.**, Keystone Lake Peninsula, 17 Mar 2017, PWR, at light, photo record

*Cucullia alfarata*, **Tulsa Co.**, Tulsa, 22 Sep 2018, OLS, larva, photo by S. Tattereshall

*Cucullia asteriodes*, **Osage Co.**, Whipporwill, 2 mi NW, 17 Sep 2018, OLS, larva, photo by G. Lanz

*Cucullia laetifica*, **Oklahoma Co.**, Oklahoma City, 19 Apr 2018, CAN, at UV light, photo record

*Cucullia lethe*, **Oklahoma Co.**, Oklahoma City, 30 May 2018, OLS, larva, photo by L. Bowman

*Dichagyris acclivis*, **Cimarron Co.**, 1.6 mi E of Kenton, N of Hwy 325/E007 rd., 36.9044° -102.9342°, 15-16 Aug 2018, CEH, at MV/UV light, roadside pullout, *Q. turbinella*, *Q. havardii*, mesquite, 4456'

*Dichagyris acclivis*, **Roger Mills Co.**, 8.5 mi W of Cheyenne, S of Hwy 47, vic. of Croton Lake., 35.6124° -99.8232°, 20-21 Aug 2018, CEH, at MV/UV light, mesquite, acacia grassland, 2154'

*Dichagyris longidens*, **Cimarron Co.**, 1.6 mi E of Kenton, N of Hwy 325/E007 rd., 36.9044° -102.9342°, 15-16 Aug 2018, CEH, at MV/UV light, roadside pullout, *Q. turbinella*, *Q. havardii*, mesquite, 4456'

*Dichagyris ruckesi*, **Cimarron Co.**, 1.6 mi E of Kenton, N of Hwy 325/E007 rd., 36.9044° -102.9342°, 15-16 Aug 2018, CEH, at MV/UV light, roadside pullout, *Q. turbinella*, *Q. havardii*, mesquite, 4456'

*Elaphria grata*, **Oklahoma Co.**, Oklahoma City, 7 Mar 2017, CAN, at UV light, photo record

*Eupsilia vinulenta*, **Pawnee Co.**, Keystone Lake Peninsula, 30 Jan 2017, PWR, at light, photo record

*Eupsilia vinulenta*, **Washington Co.**, Bartlesville, 2 Feb 2012, MJD, **STATE RECORD**, at UV light, photo record

*Feltia jaculifera*, **Muskogee Co.**, Greenleaf SP, 5 Oct 2018, BRC, at UV light, photo record

*Hypotrix paralella*, **Cimarron Co.**, 1.6 mi E of Kenton, N of Hwy 325/E007 rd., 36.9044° -102.9342°, 15-16 Aug 2018, CEH, **STATE RECORD**, at MV/UV light, roadside pullout, *Q. turbinella*, *Q. havardii*, mesquite, 4456'

*Lacinipolia erecta*, **Oklahoma Co.**, Oklahoma City, 11 Apr 2017, CAN, at UV light, photo record

*Lythrodus venatus*, **Cimarron Co.**, 1.6 mi E of Kenton, N of Hwy 325/E007 rd., 36.9044° -102.9342°, 15-16 Aug 2018, CEH, **STATE RECORD**, at MV/UV light, roadside pullout, *Q. turbinella*, *Q. havardii*, mesquite, 4456'

*Megalographa biloba*, **Stephens Co.**, Clear Creek Lake, N end, 27 Mar 2017, DM2, at lights, photo record

*Noctua pronuba*, **Cleveland Co.**, S of Moore, 22 Jul 2018, OLS, larva, photo by C.B. Reidl

*Noctua pronuba*, **Mayes Co.**, Pryor, 24 Jul 2018, OLS, larva, photo by M. Sixkiller

*Noctua pronuba*, **Texas Co.**, Texhoma, 23 Oct 2018, KFS, at light, photo record

*Papaipema limpida*, **Payne Co.**, Mehan, 22 Aug 2017, MWP, ex larva

*Papaipema rutila*, **Pontotoc Co.**, TNC Pontotoc Ridge Preserve, HQ area, 4 Sep 2018, MWP, **STATE RECORD**, ex larva in *Podophyllum peltatum*

*Phoberia ingenua*, **Cleveland Co.**, Norman, 27 Feb 2009, VDB, at light, photo record

*Ponometia binocula*, **Pawnee Co.**, Keystone Lake Peninsula, 20 Mar 2017, PWR, at light, photo record

*Protorthodes melanopis*, **Texas Co.**, Texhoma, 28 Aug 2018, KFS, **STATE RECORD**, at light, photo record

*Psaphida resumens*, **Pawnee Co.**, Keystone Lake Peninsula, 20 Mar 2017, PWR, at light, photo record

*Pseudeustrotia carneola*, **Pawnee Co.**, Keystone Lake Peninsula, 12 Apr 2017, PWR, at light, photo record

*Psychomorpha epimenis*, **Grady Co.**, Newcastle, 6 mi W, 28 Mar 2017, OLS, photo by J. Hopkins

*Psychomorpha epimenis*, **Stephens Co.**, Clear Creek Lake, N end, 9 Mar 2017, DM2, photo record

*Schinia accessa*, **Cimarron Co.**, 1.6 mi E of Kenton, N of Hwy 325/E007 rd., 36.9044° -102.9342°, 15-16 Aug 2018, CEH, **STATE RECORD**, at MV/UV light, roadside pullout, *Q. turbinella*, *Q. havardii*, mesquite, 4456'

*Schinia arcigera*, **Texas Co.**, Texhoma, 16 Aug 2018, KFS, at light, photo record

*Schinia nr. bina*, **Cimarron Co.**, 1.6 mi E of Kenton, N of Hwy 325/E007 rd., 36.9044° -102.9342°, 15-16 Aug 2018, CEH, at MV/UV light, roadside pullout, *Q. turbinella*, *Q. havardii*, mesquite, 4456'

*Schinia gaurae*, **Lincoln Co.**, Chandler, 8 Sep 2018, OLS, larva, photo by T. McCaslin

*Schinia nr. oleagina*, **Cimarron Co.**, 1.6 mi E of Kenton, N of Hwy 325/E007 rd., 36.9044° -102.9342°, 15-16 Aug 2018, CEH, at MV/UV light, roadside pullout, *Q. turbinella*, *Q. havardii*, mesquite, 4456'

*Schinia reniformis*, **Roger Mills Co.**, 8.5 mi W of Cheyenne, S of Hwy 47, vic. of Croton Lake., 35.6124° -99.8232°, 20-21 Aug 2018, CEH, at MV/UV light, mesquite, acacia grassland, 2154'

*Spodoptera ornithogalii*, **Oklahoma Co.**, Edmond, 22 Jun 2018, OLS, larva, photo by P.S. LeGrand

*Spragueia leo*, **Rogers Co.**, Claremore, 22 Jun 2018, OLS, photo by L.C. Michael

*Spodoptera frugiperda*, **Pawnee Co.**, Keystone Lake Peninsula, 2 Oct 2011, PWR, at light, photo record

#### Euteliidae:

*Eutelia pulcherrima*, **Pawnee Co.**, Keystone Lake Peninsula, 12 Apr 2017, PWR, at light, photo record

#### Nolidae:

*Baileya australis*, **Roger Mills Co.**, 8.5 mi W of Cheyenne, S of Hwy 47, vic. Croton Lake, 35.6124° -99.8232°, 20-21 Aug 2018, CEH, at MV/UV traps, mesquite, acacia grassland, 2154'

*Baileya levitans*, **Pawnee Co.**, Keystone Lake Peninsula, 9 Apr 2017, PWR, at light

*Meganola spodia*, **Pawnee Co.**, Keystone Lake Peninsula, 17 Mar 2017, PWR, photo record

#### Notodontidae:

*Clostera albostigma*, **Sequoyah Co.**, I-40 east bound rest stop, 6 Apr 2017, PWR, photo

*Datana contracta*, **Rogers Co.**, Catoosa, 14 Sep 2018, OLS, larva, photo by L. McCoy

*Datana contracta*, **Wagoner Co.**, Broken Arrow, 9 Sep 2018, OLS, larva, photo by S. P. Parker  
*Datana perspicua*, **Major Co.**, 6.0 mi W of Orienta, N of Hwy 412, Gloss Mt. State Park, 35.6124°N; -99.8232°W, 17-18 Aug 2018, CEH, at mv/uv traps, mesquite, acacia grassland, 2154'  
*Datana perspicua*, **Roger Mills Co.**, 8.5 mi W of Cheyenne, S of Hwy 47, vic. Croton Lake, 35.6124° -99.8232°, 20-21 Aug 2018, CEH, at MV/UV traps, mesquite, acacia grassland, 2154'  
*Furcula cinerea*, **Cimarron Co.**, 1.6 mi E of Kenton, N of Hwy 325/E007 rd., 36.9044° -102.9342°, 16-17 Aug 2018, CEH, at MV/UV light, roadside pullout, *Q. turbinella*, *Q. havardii*, mesquite, 4456'  
*Furcula cinerea*, **Roger Mills Co.**, 8.5 mi W of Cheyenne, S of Hwy 47, vic. Croton Lake, 35.6124° -99.8232°, 21-22 Aug 2018, CEH, at MV/UV traps, mesquite, acacia grassland, 2154'  
*Heterocampa obliqua*, **Muskogee Co.**, Greenleaf SP, 7 Oct 2018, OLS, larva, at bioblitz  
*Heterocampa umbrata*, **Pawnee Co.**, Will Rogers Boy Scout Camp, 17 Sep 2018, OLS, larva, photo by S. O'Neal  
*Heterocampa umbrata*, **Wagoner Co.**, Stone Bluff, 16 Sep 2018, OLS, larva, photo by D. D. Alspaugh  
*Litodonta hydromeli*, **Major Co.**, 6.0 mi W of Orienta, N of Hwy 412, Gloss Mt. State Park, 35.6124°N; -99.8232°W, 17-18 Aug 2018, CEH, at mv/uv traps, mesquite, acacia grassland, 2154'  
*Litodonta hydromeli*, **Roger Mills Co.**, 8.5 mi W of Cheyenne, S of Hwy 47, vic. Croton Lake, 35.6124° -99.8232°, 21-22 Aug 2018, CEH, at MV/UV traps, mesquite, acacia grassland, 2154'  
*Nadata gibbosa*, **Major Co.**, 6.0 mi W of Orienta, N of Hwy 412, Gloss Mt. State Park, 35.6124°N; -99.8232°W, 17-18 Aug 2018, CEH, at mv/uv traps, mesquite, acacia grassland, 2154'  
*Nerice bidentata*, **Cleveland Co.**, Norman, 22 Aug 2018, ZDF, at light, photo  
*Nerice bidentata*, **Roger Mills Co.**, 8.5 mi W of Cheyenne, S of Hwy 47, vic. Croton Lake, 35.6124° -99.8232°, 20-21 Aug 2018, CEH, at MV/UV traps, mesquite, acacia grassland, 2154'  
*Oligocentria perangulata*, **Cimarron Co.**, 1.6 mi E of Kenton, N of Hwy 325/E007 rd., 36.9044° -102.9342°, 16-17 Aug 2018, CEH, **STATE RECORD**, at MV/UV light, roadside pullout, *Q. turbinella*, *Q. havardii*, mesquite, 4456'  
*Schizura unicornis*, **Johnston Co.**, TNC Oka-Yahnnall Preserve West, picnic area, 06 Jun 2018, JAT, larva, photo by H. Spindle  
*Schizura unicornis*, **Pawnee Co.**, Keystone Lake Peninsula area, 2 Apr 2017, PWR, at light, photo  
*Symmerista* sp., **Cimarron Co.**, 1.6 mi E of Kenton, N of Hwy 325/E007 rd., 36.9044° -102.9342°, 16-17 Aug 2018, CEH, at MV/UV light, roadside pullout, *Q. turbinella*, *Q. havardii*, mesquite, 4456'

#### Nymphalidae:

*Agraulis vanillae*, **Canadian Co.**, Calumet, 29 Sep 2018, OLS, photo by V. Daughety  
*Agraulis vanillae*, **Stephens Co.**, Clear Creek Lake, north end, 1 Oct 2018, DM2, photo  
*Agraulis vanillae*, **Woodward Co.**, Woodward, 3 Oct 2018, OLS, photo by K. B. Gentry  
*Anthanassa texana texana*, **McClain Co.**, Goldsby sod farms, 22 Oct 2017, EH1, photo  
*Chlosyne lacinia*, **Grant Co.**, Pond Creek, 26 Sep 2017, OLS, photo by L. Wilson  
*Chlosyne lacinia*, **Logan Co.**, Edmond, N of Waterloo Rd., 2 Oct-22 Nov 2017, OLS, photo by E. Decker  
*Chlosyne lacinia*, **Woodward Co.**, Woodward, 31 Jul 2018, OLS, photo by K. Kamholtz  
*Chlosyne nycteis*, **Stephens Co.**, Clear Creek Lake, north end, 19 Jun 2018, DM2, photo  
*Danaus gilippus*, **Latimer Co.**, 2 mi. W of Talihina, 21 Aug 2018, OLS, photo by C. Washington  
*Danaus gilippus*, **McClain Co.**, Blanchard, 27 Aug 2018, OLS, photo by A. Igo  
*Hermeuptychia sosybius*, **Payne Co.**, Glencoe, 10 Sep 2018, OLS, photo by L. Miller  
*Lethe portlandia*, **Coal Co.**, Muddy Boggy Creek, E of Lehigh, 30 Jul 2018, EH1, photo  
*Limenitis arthemis astyanax*, **Garfield Co.**, Bison, 18 Sep 2018, OLS, photo by C. Williams  
*Limenitis arthemis astyanax*, **Grant Co.**, Pond Creek, 16 Jul 2018, OLS, photo by L. Wilson  
*Polygonia comma*, **Bryan Co.**, Durant, 3 Nov 2017, OLS, photo by D. Krumme, at bait  
*Speyeria diana*, **Creek Co.**, Sapulpa, 18 Jun 2018, OLS, photo by K. D. Curran  
*Vanessa virginiensis*, **Woodward Co.**, Woodward, 29 May 2018, OLS, photo by K. B. Gentry

#### Papilionidae:

*Battus philenor*, **Garfield Co.**, Bison, 25 Sep 2018, OLS, photo by C. Williams  
*Papilio cressphontes*, **Adair Co.**, Stillwell, Caney Creek, 21 Jul 2018, JCI, photo  
*Papilio cressphontes*, **Grant Co.**, Pond Creek, 17 Jun 2018, OLS, photo by L. Wilson  
*Papilio glaucus*, **Tillman Co.**, Frederick, 2 Aug 2017 & 10 Aug 2018, OLS, photo by C. Stephens

#### Pieridae:

*Euchloe olympia*, **Tillman Co.**, Hackberry Flats WMA, 14 Mar 2016, EH1, photo  
*Krigonia lyside*, **Cleveland Co.**, Norman, 13 Apr 2018, EH1, photo  
*Krigonia lyside*, **Tulsa Co.**, Broken Arrow, Res. Garden, 21 Apr 2018, SKS, photo  
*Pieris rapae*, **Stephens Co.**, Clear Creek Lake, N end, 17 Jun 2017, DM2, photo

#### Pyralidae:

*Plodia interpunctella*, **Pawnee Co.**, Keystone Lake Peninsula area, 11 Apr 2017, PWR, at light

#### Saturniidae:

*Actias luna*, **Seminole Co.**, Seminole, 20 Aug 2018, OLS, photo by M. Stewart  
*Actias luna*, **Wagoner Co.**, Coweta, 20 Aug 2018, OLS, photo by B. H. Mascho  
*Anisota stigma*, **Muskogee Co.**, Greenleaf SP, 6 Oct 2018, BRC, larva, photo  
*Anistota stigma*, **Stephens Co.**, Clear Creek Lake, N end, 4 Aug 2018, DM2, at lights, photo  
*Anisota virginiensis*, **Rogers Co.**, Claremore, 24 Dec 2001, OLS, at lights, photo by P. G. Keller  
*Anisota virginiensis*, **Wagoner Co.**, Broken Arrow, 18 Sep 2018, OLS, larva, photo by S. P. Chandler  
*Antheraea polyphemus*, **Seminole Co.**, Seminole, 24 Aug 2018, OLS, ex larva, photo by M. Stewart  
*Automeris io*, **Canadian Co.**, El Reno, 6 Aug 2018, OLS, photo of male by A. Meyers

*Automeris io*, **McClain Co.**, Newcastle, 17 Sep 2015, OLS, larva, photo by L. May  
*Eacles imperialis*, **Bryan Co.**, Durant, 15 Oct 2018, OLS, larva, photo by D. Krumme  
*Eacles imperialis*, **Wagoner Co.**, Stone Bluff, 21 Oct 2018, OLS, larva, photo by L. Sheppard  
*Hemileuca maia*, **Creek Co.**, Sapulpa, 11 Nov 2018, OLS, photo by M. Rumley  
*Hyalophora cecropia*, **Stephens Co.**, Clear Creek Lake, N end, 14 May 2018, DM2, ex larva photo  
*Sphingicampa bicolor*, **McClain Co.**, Newcastle, 12 Jun 2018, OLS, larva, photo by L. May  
*Sphingicampa bicolor*, **Oklahoma Co.**, Oklahoma City, 10 Apr 2017, CAN, at BL, photo

#### Spingidae:

*Aelliopos titan*, **Bryan Co.**, Durant, 14 Aug 2018, OLS, photo by D. Krumme  
*Agrius cingulatus*, **Cleveland Co.**, Norman, 28 Jul 2018, OLS, photo by G. Landes  
*Agrius cingulatus*, **Comanche Co.**, Lawton, 29 Aug 2018, OLS, larva, photo by J. Kuykendall  
*Agrius cingulatus*, **Garvin Co.**, Paoli, 2 mi. E, 4 Oct 2018, OLS, larva, photo by A. Williams  
*Agrius cingulatus*, **Oklahoma Co.**, Edmond, 26 Aug 2018, OLS, larva, photo by S. Noakes  
*Agrius cingulatus*, **Pottawatomie Co.**, McLoud, 24 Jul 2018, OLS, larva, photo by A. Stacy  
*Amorpha juglandis*, **Stephens Co.**, Clear Creek Lake, N end, 13 Jun 2018, DM2, at light, photo  
*Amphion floridensis*, **Stephens Co.**, Clear Creek Lake, N end, 11 Apr 2018, DM2, photo  
*Darapsa myron*, **McClain Co.**, Purcell, 27 Aug 2018, OLS, at lights, photo by Z. Lucharski  
*Enyo lugubris*, **Comanche Co.**, Ft. Sill, 20 Aug 2017, OLS, photo by M. Berstein  
*Erinnyis obscura*, **Stephens Co.**, Clear Creek Lake, N end, 17 Sep 2018, DM2, at BL, photo  
*Erinnyis obscura*, **Tulsa Co.**, Tulsa, 15 Sep 2018, OLS, larva, photo by M. Jackson  
*Eumorpha achemon*, **Comanche Co.**, Elgin, 15 Jul 2018, OLS, larva, photo by M. Berstein  
*Eumorpha fasciata*, **Logan Co.**, S. of Guthrie, 20 Aug 2018, OLS, photo by D. Nash  
*Eumorpha fasciata*, **Oklahoma Co.**, Oklahoma City, 23 Sep 2018, OLS, photo by W. Servais  
*Eumorpha pandorus*, **Logan Co.**, Guthrie, south, 22 Jul 2018, OLS, photo by D. A. Nash  
*Eumorpha pandorus*, **Stephens Co.**, Clear Creek Lake, N end, 27 Jul 2018, DM2, at light, photo  
*Eumorpha vitis*, **Canadian Co.**, Calumet, 3 Oct 2018, OLS, photo by V. Daughety  
*Eumorpha vitis*, **Garvin Co.**, Paoli, 11 Aug 2018, OLS, photo by N. Jacobson  
*Hemaris thysbe*, **Grady Co.**, Tuttle, south, 3 Aug 2018, OLS, photo by D. Jefferson  
*Hemaris thysbe*, **Osage Co.**, Prue, 5 mi. SE on Prue Rd., 7 Oct 2018, OLS, photo by B. Stevenson  
*Hemaris thysbe*, **Stephens Co.**, Clear Creek Lake, N end, 2 Aug 2018, DM2, photo  
*Hemaris thysbe*, **Tulsa Co.**, Leonard, Leonard Mt., 20 Jul 2018, OLS, photo by T. Pittman  
*Hyles lineata*, **Muskogee Co.**, Muskogee, 9 Jul 1983, OLS, photo by C. Yott  
*Hyles lineata*, **Sequoyah Co.**, Nicut, Little Lee Creek, 27 Mar 2017, CAI, photo  
*Manduca rustica*, **Logan Co.**, S. of Guthrie, 13 Aug 2018, OLS, photo by D. Nash  
*Manduca rustica*, **Pottawatomie Co.**, McLoud, 23 Jul 2018, OLS, photo by A. Stacy  
*Manduca rustica*, **Stephens Co.**, Clear Creek Lake, N end, 20 Apr 2018, DM2, at light, photo  
*Manduca sexta*, **McCurrian Co.**, Hochatown, 9 Sep 2018, OLS, larva, photo by D. Jordan  
*Manduca sexta*, **Pottawatomie Co.**, McLoud, 23 Jul 2018, OLS, at lights, photo by A. Stacy  
*Pachysphinx modesta*, **Payne Co.**, Cushing, 13 Aug 2018, OLS, photo by D. E. Tull  
*Paonias excaecatus*, **Stephens Co.**, Clear Creek Lake, N end, 4 Aug 2018, DM2, at light, photo  
*Proserpinus gaurae*, **Johnston Co.**, TNC Oka' Yanahli Preserve, west in prairie, 31 May 2018, JAT, larva, photo  
*Proserpinus juanita*, **Woodward Co.**, Woodward, 10 Jul 2018, OLS, photo by K. B. Gentry  
*Smerinthus jamaicensis*, **Stephens Co.**, Clear Creek Lake, N end, 10 May 2017, DM2, at light, photo  
*Sphecodina abbottii*, **Stephens Co.**, Clear Creek Lake, N end, 7 Jul 2018, DM2, at light, photo  
*Xylophanes tersa*, **Garfield Co.**, Bison, 29 Sep 2018, OLS, larva, photo by C. Williams  
*Xylophanes tersa*, **Osage Co.**, Sand Springs, OK Centennial Botanical Garden, 2 Oct 2018, OLS, larva, photo by A. Gramblin

#### Thyrididae:

*Pseudothyris sepulchralis*, **Creek Co.**, US Hwy 412 at Hallet/Jennings exit, 10 Apr 2017, WDA, photo by S. Metz  
*Pseudothyris sepulchralis*, **Payne Co.**, Perkins, 25 Jun 2018, OLS, photo by S. S. Buck  
*Pseudothyris sepulchralis*, **Stephens Co.**, Clear Creek Lake, N end, 28 Feb 2017, DM2, photo  
*Thyris maculata*, **Tulsa Co.**, Tulsa, Mohawk Pk., 16 Apr 2017, EH1, photo

#### Tineidae:

*Niditinea orleansella*, **Payne Co.**, Mehan, 13 Dec 2016, MWP, ex larva from abandoned phoebe nest

#### Tortricidae:

*Archips argyrospila*, **Cleveland Co.**, Lexington WMA, 12 May 2017, BER, photo  
*Argyrotaenia alisellana*, **Adair Co.**, Stillwell, Caney Creek, 16 May 2017, CAI, at light, photo  
*Bactra verutana*, **Oklahoma Co.**, Oklahoma City, 8 May 2017, CAN, at BL, photo  
*Clepsis virescana*, **Pawnee Co.**, Keystone Lake Peninsula area, 4 Apr 2017, PWR, at light, photo  
*Cydia latiferreanus*, **Muskogee Co.**, Greenleaf SP, 6 Oct 2018, JFF, at BL, sight record  
*Grapholita fana*, **Tulsa Co.**, Tulsa, Oxley Nature Center, 16 Apr 2017, EH1, photo  
*Olethreutes astrologana*, **Cleveland Co.**, Norman, Pebblebrook Park, 21 Apr 2017, EH1, photo  
*Pelochrista albivittana*, **Texas Co.**, Texoma, 19 Aug 2018, KFS, at light, photo  
*Pelochrista comatulana*, **Cleveland Co.**, Norman, 4 Sep 2009, VDB, at lights, photo  
*Pelochrista comatulana*, **Pawnee Co.**, Keystone Lake Peninsula area, 30 Aug 2014, PWR, at light, photo  
*Pelochrista matutina*, **Texas Co.**, Texoma, 5 Sep 2018, KFS, at light, photo  
*Phaenocarpa confixana*, **Sequoyah Co.**, Nicut, Little Creek, 10 May 2017, CAI, photo, **STATE RECORD**

*Pseudexentera spoliata*, **Pawnee Co.**, Keystone Lake Peninsula area, 21 Mar 2017, PWR, at light, photo

**Zygaenidae:**

*Harrisina americana*, **Oklahoma Co.**, Edmond, 24 Aug 2018, OLS, larva, photo by L. R. Hoke

*Harrisina americana*, **Pottawatomie Co.**, McCloud, 18 Sep 2018, OLS, larva, photo via N. Morris

**Unassigned family:**

*Cycloplasis immaculata*, **Delaware Co.**, unspecified prairie, 29 Jul 1938, OLS, ex larva from mine on *Panicum* sp., from O. D., **STATE RECORD**

*Cycloplasis immaculata*, **Payne Co.**, Mehan, 4 Jan 2017, MWP, ex larva from *Dichanthelium oligosanthes*

## Saskatchewan:

**Crambidae:**

*Pyrausta socialis*, Division 17, Birling Lake, 25 Jul 2018, KEJ

**Erebidae:**

*Apantesis parthenice*, Division 17, Birling Lake, 25 Jul 2018, KEJ

*Arctia caja*, Division 17, Birling Lake, 25 Jul 2018, KEJ

*Hypoprepia miniata*, Division 17, Birling Lake, 25 Jul 2018, KEJ

**Geometridae:**

*Scopula ancillata*, Division 17, Birling Lake, 25 Jul 2018, KEJ

**Hesperiidae:**

*Polites mystic*, Division 17, Birling Lake, 8 Jul 2018, KEJ, also Steve Bransky

*Polites peckius*, Division 17, Birling Lake, 8 Jul 2018, KEJ, also Steve Bransky

**Lycaenidae:**

*Icaricia saepiolus*, Division 17, Birling Lake, 8 Jul 2018, KEJ, also Steve Bransky

*Satyrrium titus*, Division 17, Birling Lake, 26 Jul 2018, KEJ

**Noctuidae:**

*Apamea inficita*, Division 17, Birling Lake, 25 Jul 2018, KEJ

*Euxoa basalis*, Division 17, Birling Lake, 25 Jul 2018, KEJ

*Ipimorpha pleonectusa*, Division 17, Birling Lake, 25 Jul 2018, KEJ

*Sympisits stabilis*, Division 17, Birling Lake, 25 Jul 2018, KEJ

*Trichordestra lilacina*, Division 17, Birling Lake, 25 Jul 2018, KEJ

**Nymphalidae:**

*Boloria bellona*, Division 17, Birling Lake, 8 & 26 Jul 2018, KEJ, also Steve Bransky

*Coenonympha tullia*, Division 17, Birling Lake, 8 & 26 Jul 2018, KEJ, also Steve Bransky

*Euptoeita claudia*, Division 17, Birling Lake, 8 Jul 2018, KEJ

*Phyciodes batesii*, Division 17, Birling Lake, 8 Jul 2018, KEJ, also Steve Bransky

*Phyciodes cocyta*, Division 17, Birling Lake, 8 Jul 2018, KEJ, also Steve Bransky

*Speyeria aphrodite*, Division 17, Birling Lake, 8 & 26 Jul 2018, KEJ, also Steve Bransky

*Speyeria cybele*, Division 17, Birling Lake, 8 & 26 Jul 2018, KEJ, also Steve Bransky

*Speyeria edwardsii*, Division 17, Birling Lake, 26 Jul 2018, KEJ

**Sphingidae:**

*Sphinx vashti*, Division 17, Birling Lake, 25 Jul 2018, KEJ

## Zone 6: Texas

Coordinator: Mike A. Rickard

**Contributors:** Lucie Bruce (LBR), Ken Davenport (KD), Joseph Doyle (JFD), Rick Fleischer (RSF), Ann Hendrickson (AHX), Edward Knudson (ECK), Monica Krancevic (MMK), Stuart Marcus (SM3), E. Peterson (SEP), Barbara Ribble (BAR), Mike A. Rickard (MRZ), Texas Butterfly Listserve (TBL), Ryan Woolwine (RW)

2018 Texas weather emulated the rest of the planet in being bizarre and out of whack. For January-February an arctic front plus the usual lesser cold fronts limited butterfly activity for much of the time. Then a number of rare butterfly species, usually seen as strays in October-December, turned up in March! This included the only reported US record from Texas, *Callimormus saturnus*, a skipper that had been on many checklists for years as hypothetical. This was followed by a period of very hot and dry weather until late June, when south Texas experienced record flooding and property damage from systems that began traversing west along the northern Gulf Coast from Florida to Texas. This weather pattern continued into Fall so that higher elevations in central and west Texas experienced frequent rain and at times flash flooding. In the aftermath came an abundance of butterflies but lacking in normal diversity. With moths it was a different story, as there were three

state records and numerous county records reported. My personal totals for the year were 400+ moths and 150 species of butterflies from Hidalgo County.

## RECORDS:

## Texas:

### Attevidae:

*Atteva aurea*, **Starr Co.**, Falcon State Park, Falcon Heights, 23 Nov 2018, LBR

### Blastobasidae:

*Blastobasis glandulella*, **Hidalgo Co.**, Mission, 14 Feb 2018, MR2;

*Blastobasis taurusella*, **Hidalgo Co.**, Mission, 8 Sep 2018, MR2

*Pigritia murtfeldtella*, **Edwards Co.**, 1.3 mi NW of Campwood, 21 May 2018, AHX

### Autostichidae:

*Gerdana caritella*, **Travis Co.**, Austin, 5 Jul 2018, BAR

### Apatelodidae:

*Apatelodes auduboni*, **Hidalgo Co.**, Santa Ana NWR headquarters, 24 Sep 2018, LBR

### Carposinidae:

*Carpasina simulator*, **Edwards Co.**, 1.3 mi NW of Campwood, 23 Oct 2016, AHX, BOLD ID, on Knudson checklist

### Choreutidae:

*Prochoreutis inflatella*, **Liberty Co.**, Trinity NWR, 20 Apr 2018, SM3

### Coleophoridae:

*Batrachedra concitata*, **Hidalgo Co.**, Mission, 8 Oct 2018, MR2

### Cosmopterigidae:

*Melanoclinis lineigera*, **Hidalgo Co.**, Mission, 19 Aug 2018, MR2

*Pyroderces badia*, **Hidalgo Co.**, Mission, 21 Jul 2018, MR2

### Cossidae:

*Aramos ramosa*, **Hidalgo Co.**, Mission, 8 Jun 2018, MR2

*Fania nanus*, **Brazoria Co.**, Lake Jackson, 13 Jun 2018, MMK, ID by ECKnudson

### Crambidae:

*Aethiophysa dualis*, **Hidalgo Co.**, Santa Ana NWR headquarters, 16 Apr 2018, LBR

*Chalcoela iphitalis*, **Hidalgo Co.**, Santa Ana NWR headquarters, 21 Mar 2018, LBR

*Cnaphalocrocis cochrusalis*, **Hidalgo Co.**, Mission, 6 Oct 2018, MR2

*Cnaphalocrocis trapezalis*, **Hidalgo Co.**, Mission, 25 Oct 2018, MR2

*Conchylodes concinnalis*, **Brazoria Co.**, Lake Jackson, 13 Apr 2018, MMK

*Donacaula sordidellus*, **Hidalgo Co.**, Santa Ana NWR headquarters, 24 Sep 2018, LBR

*Eoreuma densella*, **Brazoria Co.**, Lake Jackson, 11 May 2018, MMK

*Eurrhparodes lygdamis*, **Edwards Co.**, 1.3 mi NW of Campwood, 23 Sep 2018, AHX

*Eustixia pupula*, **Hidalgo Co.**, Mission, 3 Mar 2018, MR2

*Evergestis rimosalis*, **Edwards Co.**, 1.3 mi NW of Campwood, 9 May 2018, AHX

*Fissicrambus haytiellus*, **Hidalgo Co.**, Mission, 25 Aug 2018, MR2

*Fissicrambus intermedius*, **Terrell Co.**, Sanderson, 1 Jul 2018, MR2, ID by ECKnudson

*Fissicrambus mutabilis*, **Hidalgo Co.**, Mission, 3 Feb 2018, MR2

*Fissicrambus quadrinotellus*, **Hidalgo Co.**, Mission, 21 Jul 2018, MR2

*Gonocausta sabinalis*, **Hidalgo Co.**, Santa Ana NWR headquarters, 16 Apr 2018, LBR

*Hahncappsia mancalis*, **Hidalgo Co.**, Mission, 27 Jul 2018, MR2

*Haimbachia indistinctalis*, **Edwards Co.**, 1.3 mi NW of Campwood, 7 Oct 2017, AHX, BOLD ID

*Hellula kempae*, **Hidalgo Co.**, Mission, 6 May 2018, MR2

*Hellula rogatalis*, **Hidalgo Co.**, Mission, 1 May 2018, MR2

*Helvibotys helvialis*, **Hidalgo Co.**, Mission, 6 Oct 2018, MR2

*Herpetogramma bipunctalis*, **Starr Co.**, Falcon State Park, Falcon Heights, 23 Nov 2018, LBR

*Loxomorpha flavidissimalis*, **Hidalgo Co.**, Mission, 29 Aug 2018, MR2

*Loxostege albicerialis*, **Jeff Davis Co.**, Ft. Davis, 2 Jul 2018, MR2, ID by ECKnudson

*Loxostegopsis palpe*, **Hidalgo Co.**, Santa Ana NWR headquarters, 22 May 2018, LBR

*Loxostegopsis xanthocrypta*, **Hidalgo Co.**, Mission, 22 Jul 2018, MR2

*Lygropia octonalis*, **Hidalgo Co.**, Mission, 30 Jan 2018, MR2

*Manuca vitrata*, **Starr Co.**, Falcon State Park, 2 Dec 2018, MR2, Jon McIntyre

*Microtheoris ophionalis*, **Hidalgo Co.**, Mission, 14 Jun 2018, MR2

*Nacoleia charesalis*, **Harris Co.**, Houston, 22 Jun 2018, ECK, **STATE RECORD**

*Parapediasia teterrellus*, **Hidalgo Co.**, Mission, 8 May 2018, MR2

*Parapoynx diminutalis*, **Hidalgo Co.**, Mission, 13 Sep 2018, MR2

*Pediasia trisecta*, **Hidalgo Co.**, Estero Llano Grande SP, Weslaco, 8 Nov & 8 Dec 2018, LBR

*Pseudopyrausta santatalis*, **Hidalgo Co.**, Mission, 2 May 2018, MR2

*Pyrausta onythesalis*, **Hidalgo Co.**, Mission, 8 Jul 2018, MR2  
*Rhectocraspeda periusalis*, **Hidalgo Co.**, Mission, 21 Jul 2018, MR2  
*Saucrobotys futilalis*, **Hidalgo Co.**, Santa Ana NWR headquarters, 8 Sep 2018, LBR  
*Stegea sola*, **Hidalgo Co.**, Mission, 5 Oct 2018, MR2  
*Terastia meticulosalis*, **Edwards Co.**, 1.3 mi NW of Campwood, 11 Oct 2018, AHX  
*Trichistognatha pyrenealis*, **Brazoria Co.**, Lake Jackson, 13 Jul 2018, MMK, ID by ECKnudson

#### Depressariidae:

*Antaeotricha irene*, **Hidalgo Co.**, Santa Ana NWR headquarters, 8 Dec 2018, LBR  
*Durrantia piperatella*, **Hidalgo Co.**, Mission, 25 Dec 2018, MR2  
*Ethmia semiombra*, **Hidalgo Co.**, Santa Ana NWR headquarters, 18 Mar 2018, LBR  
*Exaeretia sordidella*, **Travis Co.**, Austin, 3 Sep 2018, BAR  
*Psilocorsis cryptolechiella*, **Edwards Co.**, 1.3 mi NW of Campwood, 8 Jun 2016, AHX, in UV trap, ID by Jason Dombroskie;

#### Erebidae:

*Abablemma duomaculata*, **Brazoria Co.**, Lake Jackson, 3 Aug 2018, MMK, ID by ECKnudson  
*Anomis flava*, **Brazoria Co.**, Lake Jackson, 30 Jun 2018, MMK, ID by ECKnudson  
*Argyrostromis anilis*, **Brazoria Co.**, Lake Jackson, 11 Jul 2018, MMK  
*Catocala alabamae*, **Brazoria Co.**, Lake Jackson, 25 May 2018, MMK  
*Catocala micronympha*, **Hidalgo Co.**, Mission, 26 Apr 2018, MR2  
*Catocala piatrix*, **Liberty Co.**, Trinity NWR, 24 Jul 2018, SM3  
*Catocala umbrosa*, **Brazoria Co.**, Lake Jackson, 2 May 2018, MMK  
*Cecharismena anartoides*, **Edwards Co.**, 1.3 mi NW of Campwood, 27 Jul 2015, AHX, BOLD ID, TXLEP122-15  
*Cisthene subrufa*, **Edwards Co.**, 1.3 mi NW of Campwood, 7 Oct 2017, AHX, BOLD ID  
*Cisthene subrufa*, **Fayette Co.**, Schulenburg, 30 Sep 2017, AHX, BOLD ID  
*Dyspyralis noloides*, **Hidalgo Co.**, Santa Ana NWR headquarters, 2 Sep 2018, LBR  
*Eublemma recta*, **Hidalgo Co.**, Mission, 10 Jun 2018, MR2  
*Eubolina impartialis*, **Hidalgo Co.**, Santa Ana NWR headquarters, 18 Mar 2018, LBR  
*Euchaetes egle*, **Brazoria Co.**, Lake Jackson, 15 Jun 2018, MMK, ID by ECKnudson  
*Eurythra phasma*, **Brazoria Co.**, Lake Jackson, 19 Jun 2018, MMK  
*Focillidia texana*, **Hidalgo Co.**, Mission, 20 Oct 2018, MR2  
*Halysidota davisii*, **Hidalgo Co.**, Estero Llano Grande SP, Weslaco, 4 Mar 2018, MR2, photo by park host Rick Snider  
*Hemeroplanis historialis*, **Hidalgo Co.**, Mission, 24 Oct 2018, MR2  
*Heteranassa mima*, **Hidalgo Co.**, Mission, 11 Apr 2018, MR2  
*Horama panthalon texana*, **Starr Co.**, Falcon State Park, Falcon Heights, 23-25 Nov 2018, LBR  
*Hyperna tenebrosa*, **Edwards Co.**, 1.3 mi NW of Campwood, 27 Sep 2015, AHX, BOLD ID, TXLEP137-15  
*Hyperna vetustalis*, **Edwards Co.**, 1.3 mi NW of Campwood, 6 Aug 2015, AHX, BOLD ID  
*Hypercompe oslari*, **Hidalgo Co.**, Santa Ana NWR headquarters, 21 Mar 2018, LBR  
*Hypercompe scribonia*, **Hidalgo Co.**, Santa Ana NWR headquarters, 4 Mar 2018, LBR  
*Hyphantria cunea*, **Hidalgo Co.**, Mission, 6 Apr 2018, MR2  
*Hypocrita celina*, **Edwards Co.**, 1.3 mi NW of Campwood, 22 May 2018, AHX  
*Lesmone detrahens*, **Brazoria Co.**, Lake Jackson, 14 May 2018, MMK  
*Matigramma emmita*, **Hidalgo Co.**, Santa Ana NWR headquarters, 29 Oct 2018, LBR  
*Metalectra miserulata*, **Edwards Co.**, 1.3 mi NW of Campwood, 2 Jun 2017, AHX, BOLD ID  
*Ommatochila mundula*, **Brazoria Co.**, Lake Jackson, 17 Mar 2018, MMK  
*Ophisma tropicalis*, **Brazoria Co.**, Lake Jackson, 2 Aug 2018, MMK, ID by ECKnudson  
*Panula inconstans*, **Brazoria Co.**, Lake Jackson, 18 Aug 2017, MMK, **STATE RECORD**  
*Prosoparia perfuscaria*, **Jeff Davis Co.**, Ft. Davis, 2 Jul 2018, MR2, ID by ECKnudson  
*Ptichodis vinculum*, **Johnson Co.**, Burleson, 9 Oct 2018, RSF  
*Pygarctia pterygostigma*, **Hidalgo Co.**, Mission, 11 Oct 2018, MR2  
*Redectis pygmaea*, **Hidalgo Co.**, Santa Ana NWR headquarters, 2 Dec 2018, LBR  
*Sigela penumbra*, **Hidalgo Co.**, Mission, 8 Mar 2018, MR2  
*Syntomeida melanthus*, **Edwards Co.**, 1.3 mi NW of Campwood, 19 Sep 2018, AHX  
*Toxonprucha repentis*, **Hidalgo Co.**, Santa Ana NWR headquarters, 16 Apr 2018, LBR  
*Zale galbanata*, **Brazoria Co.**, Lake Jackson, 15 May 2018, MMK  
*Zale strigimacula*, **Hidalgo Co.**, Mission, 4 Nov 2018, MR2

#### Euteliidae:

*Paectes fuscescens*, **Hidalgo Co.**, Mission, 2 Dec 2018, MR2, **STATE RECORD**  
*Eutelia furcata*, **Edwards Co.**, 1.3 mi NW of Campwood, 25 Sep 2018, AHX

#### Gelechiidae:

*Anacampsis fullonella*, **Hidalgo Co.**, Mission, 28 Sep 2018, MR2  
*Anacampsis levipedella*, **Edwards Co.**, 1.3 mi NW of Campwood, 16 Jun 2018, AHX  
*Aristotelia corallina*, **Brazoria Co.**, Lake Jackson, 1 May 2018, MMK  
*Aristotelia corallina*, **Hidalgo Co.**, Mission, 28 Jul 2018, MR2  
*Aristotelia devexella*, **Hidalgo Co.**, Mission, 2 Aug 2018, MR2  
*Aristotelia rubidella*, **Brazoria Co.**, Lake Jackson, 8 Jun 2018, MMK  
*Aristotelia roseosuffusella*, **Hidalgo Co.**, Santa Ana NWR headquarters, 8 Sep 2018, LBR  
*Battaristis concinnusella*, **Hidalgo Co.**, Mission, 8 Jun 2018, MR2

*Besciva nov. sp.*, **Hidalgo Co.**, Mission, 20 Jul 2018, MR2  
*Bryotropha branella*, **Hidalgo Co.**, Mission, 5 Oct 2018, MR2, **STATE RECORD**  
*Bryotropha galbanella*, **Hidalgo Co.**, Mission, 18 Sep 2018, MR2  
*Calliprora sexstrigella*, **Hidalgo Co.**, Mission, 28 Jul 2018, MR2  
*Chionodes empor*, **Hidalgo Co.**, Mission, 29 May 2018, MR2  
*Chionodes mariona*, **Hidalgo Co.**, Mission, 28 Jan 2018, MR2  
*Chionodes trichostola*, **Edwards Co.**, 1.3 mi NW of Campwood, 9 May 2018, AHX, TXLEP599-18  
*Coleotechnites variella*, **Brazoria Co.**, Lake Jackson, 3 May 2018, MMK  
*Compsolechia crescentifasciella*, **Travis Co.**, Austin, 20 May 2018, BAR  
*Deltophora glandiferella*, **Hidalgo Co.**, Mission, 5 Dec 2018, MR2  
*Dichomeris simplicella*, **Edwards Co.**, 1.3 mi NW of Campwood, 3 Feb 2018, AHX  
*Dichomeris simplicella*, **Hidalgo Co.**, Mission, 24 May 2018, MR2  
*Dichomeris ventrellus*, **Hidalgo Co.**, Mission, 18 Sep 2018, MR2  
*Filatima biforella*, **Hidalgo Co.**, Mission, 24 Sep 2018, MR2  
*Friseria acaciella*, **Hidalgo Co.**, Mission, 21 Jun 2018, MR2  
*Friseria cockerelli*, **Hidalgo Co.**, Mission, 1 Aug 2018, MR2  
*Helcystogramma chambersella*, **Hidalgo Co.**, Mission, 18 May 2018, MR2  
*Isophrictis rudbeckiella*, **Hidalgo Co.**, Mission, 31 Jul 2018, MR2  
*Isophrictis similiella*, **Hidalgo Co.**, Mission, 24 Sep 2018, MR2  
*Mesophleps adustipennis*, **Hidalgo Co.**, Mission, 28 Jul 2018, MR2  
*Polyhymno acaciella*, **Hidalgo Co.**, Mission, 11 Sep 2018, MR2  
*Polyhymno luteostrigella*, **Hidalgo Co.**, Mission, 20 Sep 2018, MR2  
*Sinoe kwakae*, **Hidalgo Co.**, Mission, 1 Aug 2018, MR2  
*Sophronia roseicrinella*, **Edwards Co.**, 1.3 mi NW of Campwood, 13 Aug 2013, AHX  
*Sophronia roseicrinella*, **Hidalgo Co.**, Mission, 22 Sep 2018, MR2  
*Sophronia roseicrinella*, **Travis Co.**, Austin, 8 Mar 2018, BAR  
*Stegasta bosqueella*, **Hidalgo Co.**, Mission, 27 Oct 2018, MR2  
*Stegasta capitella*, **Hidalgo Co.**, Mission, 16 May 2018, MR2  
*Untomia albistrigella*, **Brazoria Co.**, Lake Jackson, 27 May 2018, MMK  
*Untomia albistrigella*, **Hidalgo Co.**, Mission, 18 Mar 2018, MR2

#### Geometridae:

*Chloraspilates bicoloraria*, **Travis Co.**, Austin, 4 Oct 2018, BAR  
*Chlorochlamys triangularis*, **Hidalgo Co.**, Mission, 14 Oct 2018, MR2  
*Ennomos subsignaria*, **Edwards Co.**, 1.3 mi NW of Campwood, 30 Aug 2018, AHX  
*Ennomos subsignaria*, **Liberty Co.**, Trinity NWR, 2 May, SM3  
*Euacidalis sericearia*, **Hidalgo Co.**, Santa Ana NWR headquarters, 25 Nov 2018, LBR  
*Eubaphe meridiana*, **Liberty Co.**, Trinity NWR, 11 Jul, SM3  
*Eucaterva variaria*, **Jeff Davis Co.**, Ft. Davis, 2 Jul 2018, SM3, ID by ECKnudson  
*Eumacrodes yponomeutaria*, **Hidalgo Co.**, Mission, 7 May 2018, MR2  
*Eumacrodes yponomeutaria*, **Travis Co.**, Austin, 11 Oct 2018, BAR  
*Eusarca confusaria*, **Hidalgo Co.**, Santa Ana NWR headquarters, 4 Mar 2018, LBR  
*Glenoides texanaria*, **Hidalgo Co.**, Mission, 23 Nov 2018, MR2  
*Haematopis grataria*, **Hidalgo Co.**, Estero Llano Grande SP, Weslaco, 12-18 May 2018, LBR  
*Hydriomena transfigurata*, **Liberty Co.**, Trinity NWR, 8 Mar, SM3, ID by ECKnudson  
*Idaea productata*, **Hidalgo Co.**, Mission, 2 Mar 2018, MR2  
*Idaea violacearia*, **Fayette Co.**, Schulenburg, 23 Sep 2017, AHX, BOLD ID  
*Iridopsis dataria*, **Hidalgo Co.**, Mission, 11 Oct 2018, MR2  
*Lobocleta ossularia*, **Brazoria Co.**, Lake Jackson, 23 Jun 2018, MMK  
*Lomographa glomeraria*, **Edwards Co.**, 1.3 mi NW of Campwood, 6 Oct 2018, AHX, BOLD ID  
*Pero ancetaria*, **Liberty Co.**, Trinity NWR, 21 Jun, SM3  
*Pero modestus*, **Edwards Co.**, 1.3 mi NW of Campwood, 28 Sep 2018, AHX, ID by ECKnudson  
*Protoproutia laredoata*, **Edwards Co.**, 1.3 mi NW of Campwood, 20-23 Sep 2018, AHX  
*Rindgea prolifata*, **Edwards Co.**, 1.3 mi NW of Campwood, 22 Mar 2016, AHX, BOLD ID  
*Rindgea prolifata*, **Hidalgo Co.**, Mission, 15 Apr 2018, MR2  
*Scopula limboundata*, **Brazoria Co.**, Lake Jackson, 8 Aug 2018, MMK  
*Semaeopus ella*, **Hidalgo Co.**, Santa Ana NWR headquarters, 28 Jun 2018, LBR  
*Sphacelodes vulneraria*, **Johnson Co.**, Burleson, 29 Jun 2018, RSF  
*Stenoporpia anastomosaria*, **Edwards Co.**, 1.3 mi NW of Campwood, 10 Sep 2015, AHX  
*Tornos punctata*, **Hidalgo Co.**, Santa Ana NWR headquarters, 10 Jul 2018, LBR

#### Gracillariidae:

*Acrocercops quinquistrigella*, **Hidalgo Co.**, Mission, 27 Sep 2018, MR2  
*Caloptilia rhoifoliella*, **Hidalgo Co.**, Mission, 29 Nov 2018, MR2  
*Caloptilia stigmatella*, **Hidalgo Co.**, Mission, 21 Jul 2018, MR2

#### Hesperiidae:

*Achalarus toxeus*, **Bexar Co.**, San Antonio, Eisenhower Park, 18 Apr 2018, JFD  
*Callimormus saturnus*, **Hidalgo Co.**, Mission, 22 Mar 2018, MR2, **UNITED STATES RECORD**



*Conga chydaea*, **Hidalgo Co.**, Mission, 7 Mar 2018, MR2  
*Copaedodes aurantiacus*, **Terrell Co.**, Dryden, 30 Sep 2018, SEP  
*Polygonus leo arizonensis*, **Gillespie Co.**, Fredericksburg, 19 Mar 2018, MR2, photo record by Bill Lindemann  
*Urbanus dorantes*, **Brewster Co.**, Christmas Mountains, 1 Nov 2018, MR2, Carolyn Ohl  
*Urbanus dorantes*, **Culberson Co.**, US 62 rest stop, 6 Oct 2018, MR2, Cathryn Hoyt

**Lacturidae:**

*Lactura atrolinea*, **Edwards Co.**, 1.3 mi NW of Campwood, 9 May 2018, AHX  
*Lactura basistriga*, **Hidalgo Co.**, Santa Ana NWR headquarters, 3 Jul 2018, LBR  
*Lactura pupula*, **Travis Co.**, Austin, 27 Sep 2018, BAR  
*Lactura rubritegula*, **Edwards Co.**, 1.3 mi NW of Campwood, 4 May 2014, AHX

**Lasiocampidae:**

*Apotolype brevicrista*, **Jeff Davis Co.**, Ft. Davis, 3 Jul 2018, MR2, ID by ECKnudson  
*Artace cribrarius*, **Hidalgo Co.**, Mission, 22 Jun 2018, MR2  
*Malacosoma tigris*, **Edwards Co.**, 1.3 mi NW of Campwood, 27 Apr 2018, AHX, BOLD ID

**Limacodidae:**

*Adoneta gemina*, **Hidalgo Co.**, Santa Ana NWR headquarters, 21 Mar 2018, LBR  
*Euclea incisa*, **Hidalgo Co.**, Santa Ana NWR headquarters, 21 Mar 2018, LBR  
*Natada lacipea*, **Hidalgo Co.**, Santa Ana NWR headquarters, 8 Sep 2018, LBR  
*Parasa chloris*, **Hidalgo Co.**, Santa Ana NWR headquarters, 8 Sep 2018, LBR

**Lycaenidae:**

*Celastrina ladon*, **Travis Co.**, Austin, 22 May 2018, TBL, Dan Hardy

**Megalopygidae:**

*Megalopyge crispata*, **Edwards Co.**, 1.3 mi NW of Campwood, 29 May 2018, AHX

**Mimallonidae:**

*Cincinnati melsheimeri*, **Jeff Davis Co.**, Ft. Davis, 4 Jul 2018, MR2, ID by ECKnudson

**Momphidae:**

*Mompha murfeldtella*, **Hidalgo Co.**, Mission, 3 Apr 2018, MR2  
*Mompha rufocristatella*, **Brazoria Co.**, Lake Jackson, 10 Apr 2018, MMK

**Noctuidae:**

*Acronicta connecta*, **Hidalgo Co.**, Santa Ana NWR headquarters, 25 Nov 2018, LBR  
*Acronicta fallax*, **Edwards Co.**, 1.3 mi NW of Campwood, 13 Apr 2018, AHX  
*Acronicta lepetita*, **Hidalgo Co.**, Santa Ana NWR headquarters, 29 Oct 2018, LBR  
*Acronicta ovata*, **Liberty Co.**, Trinity NWR, 22 Jun, SM3  
*Aleptina inca*, **Hidalgo Co.**, Mission, 24 Sep 2018, MR2  
*Aleptina inca*, **Travis Co.**, Austin, 27 Sep 2018, BAR  
*Amyna stricta*, **Starr Co.**, Falcon State Park, Falcon Heights, 23-25 Nov 2018, LBR  
*Azenia obtusa*, **Hidalgo Co.**, Santa Ana NWR headquarters, 8 Sep 2018, LBR  
*Basigara pacifica*, **Hidalgo Co.**, Santa Ana NWR headquarters, 28 Jun 2018, LBR  
*Catabena lineolata*, **Hidalgo Co.**, Mission, 5 Jun 2018, MR2  
*Catabenoides terminellus*, **Hidalgo Co.**, Mission, 14 Sep 2018, MR2  
*Chloridea virescens*, **Brazoria Co.**, Lake Jackson, 16 May 2018, MMK  
*Cobubatha flavofasciata*, **Hidalgo Co.**, Mission, 9 Mar 2018, MR2  
*Cobubatha metaspilaris*, **Hidalgo Co.**, Mission, 6 Aug 2018, MR2  
*Condica albigerata*, **Edwards Co.**, 1.3 mi NW of Campwood, 26 Oct 2016, AHX, BOLD ID  
*Condica morsa*, **Hidalgo Co.**, Mission, 11 May 2018, MR2  
*Diastema cnossia*, **Hidalgo Co.**, Mission, 22 Sep 2018, MR2  
*Elaphria fuscimacula*, **Hidalgo Co.**, Mission, 17 Nov 2018, MR2  
*Elaphria grata*, **Hidalgo Co.**, Mission, 18 Feb 2018, MR2  
*Elaphria trolia*, **Hidalgo Co.**, Mission, 6 May 2018, MR2  
*Elaphria versicolor*, **Brazoria Co.**, Lake Jackson, 6 May 2018, MMK  
*Eusceptis flavifimbriata*, **Hidalgo Co.**, Santa Ana NWR headquarters, 28 May 2018, LBR  
*Euxoa auxillaris*, **Edwards Co.**, 1.3 mi NW of Campwood, 25 Nov 2012, AHX, BugGuide  
*Euxoa camalpa*, **Edwards Co.**, 1.3 mi NW of Campwood, 21 Oct 2012, AHX, BOLD ID  
*Euxoa inconcinna*, **Edwards Co.**, 1.3 mi NW of Campwood, 19 Oct 2012, AHX, BOLD ID  
*Euxoa serotina*, **Hidalgo Co.**, Mission, 9 Feb 2018, MR2  
*Hemieuxoa rudens*, **Hidalgo Co.**, Mission, 1 Feb 2018, MR2  
*Homophoberia apicosa*, **Hidalgo Co.**, Mission, 5 Nov 2018, MR2  
*Leucania linita*, **Brazoria Co.**, Lake Jackson, 2 Apr 2018, MMK  
*Leuconycta lepidula*, **Brazoria Co.**, Lake Jackson, 6 May 2018, MMK  
*Marimatha piscimala*, **Hidalgo Co.**, Santa Ana NWR headquarters, 22 Aug 2018, LBR  
*Marimatha quadrata*, **Edwards Co.**, 1.3 mi NW of Campwood, 10 Oct 2017, AHX, BOLD ID  
*Marimatha quadrata*, **Hidalgo Co.**, Mission, 14 Oct 2018, MR2  
*Micrathetis triplex*, **Hidalgo Co.**, Mission, 24 Nov 2018, MR2  
*Ogdoconta sexta*, **Hidalgo Co.**, Mission, 21 Sep 2018, MR2  
*Ozarba nebula*, **Hidalgo Co.**, Mission, 8 Mar 2018, MR2  
*Ozarba nebula*, **Johnson Co.**, Burleson, 4 Oct 2018, RSF

*Perigea xanthioides*, **Brazoria Co.**, Lake Jackson, 24 Mar 2018, MMK  
*Plagiomimicus ptychromus*, **Edwards Co.**, 1.3 mi NW of Campwood, 19 Sep 2017, AHX  
*Plagiomimicus tepperi*, **Travis Co.**, Austin, 4 Oct 2018, BAR  
*Ponometia candefacta*, **Hidalgo Co.**, Mission, 14 Sep 2018, MR2  
*Ponometia cuta*, **Hidalgo Co.**, Santa Ana NWR headquarters, 7 Nov 2018, LBR  
*Ponometia dorneri*, **Edwards Co.**, 1.3 mi NW of Campwood, 26 Mar 2017, AHX, collected by Jan Metzler  
*Ponometia dorneri*, **Hidalgo Co.**, Mission, 13 Oct 2018, MR2  
*Ponometia fasciatella*, **Brazoria Co.**, Lake Jackson, 8 Jul 2018, MMK  
*Ponometia libedis*, **Hidalgo Co.**, Mission, 24 Sep 2018, MR2  
*Ponometia phecolisca*, **Hidalgo Co.**, Mission, 26 Oct 2018, MR2  
*Ponometia semiflava*, **Brazoria Co.**, Lake Jackson, 27 Apr 2018, MMK  
*Ponometia semiflava*, **Hidalgo Co.**, Mission, 25 Oct 2018, MR2  
*Ponometia virginialis*, **Hidalgo Co.**, Mission, 17 Mar 2018, MR2  
*Schinia nubila*, **Edwards Co.**, 1.3 mi NW of Campwood, 8 Oct 2017, AHX, BOLD ID  
*Spragueia jaguaralis*, **Hidalgo Co.**, Mission, 14 Aug 2018, MR2  
*Spragueia obatra*, **Hidalgo Co.**, Mission, 17 Aug 2018, MR2  
*Supralathosea baboquivariensis*, **Llano Co.**, 20 mi SW of Llano, 22 Jan 2018, AHX, BOLD ID – TXLEP565-18 & TXLEP567-18, Hal Livings  
*Tarache dacia*, **Hidalgo Co.**, Santa Ana NWR headquarters, 22 May 2018, LBR  
*Tarache quadriplaga*, **Hidalgo Co.**, Mission, 16 Jun 2018, MR2  
*Tripudia damozela*, **Hidalgo Co.**, Mission, 26 Dec 2018, MR2  
*Tripudia flavofasciata*, **Hidalgo Co.**, Mission, 2 Jun 2018, MR2  
*Tripudia flavofasciata*, **Johnson Co.**, Burleson, 29 Sep 2018, RSF  
*Tripudia limbatus*, **Hidalgo Co.**, Mission, 23 Sep 2018, MR2  
*Tripudia numa*, **Hidalgo Co.**, Mission, 20 Aug 2018, MR2  
*Ulolonche fasciata*, **Edwards Co.**, 1.3 mi NW of Campwood, 1 Nov 2017, AHX, BOLD ID – TXLEP537-17  
*Zale calycanthata*, **Edwards Co.**, 1.3 mi NW of Campwood, 2 Mar 2017, AHX, BOLD – TXLEP566-18 & TXLEP568-18

**Nolidae:**  
*Nola cereella*, **Travis Co.**, Austin, 29 Mar 2018, BAR

**Notodontidae:**  
*Nadata gibbosa*, **Liberty Co.**, Trinity NWR, 1 Feb, SM3  
*Schizura errucata*, **Hidalgo Co.**, Mission, 21 Feb 2018, MR2  
*Schizura ipomoeae*, **Edwards Co.**, 1.3 mi NW of Campwood, 9 Aug 2015, AHX

**Nymphalidae:**  
*Chlosyne fulvia fulvia*, **Wheeler Co.**, Shamrock, 21 Jun 2018, KD  
*Dryadula phaetusa*, **Uvalde Co.**, Uvalde, 14 Jun 2018, TBL, Troy Hibbets

**Oecophoridae:**  
*Ethmia hagenella*, **Hidalgo Co.**, Mission, 3 Mar 2018, MR2  
*Inga obscuromaculella*, **Hidalgo Co.**, Mission, 29 Oct 2018, MR2  
*Inga sparsiciliella*, **Hidalgo Co.**, Mission, 27 Jul 2018, MR2

**Opostegidae:**  
*Pseudopostega quadristrigella*, **Brazoria Co.**, Lake Jackson, 25 Mar 2018, MMK

**Pieridae:**  
*Kricogonia lyside*, **Blanco Co.**, Twin Sisters Estates, 15 Apr 2018, SEP

**Plutellidae:**  
*Plutella xylostella*, **Hidalgo Co.**, Mission, 25 May 2018, MR2

**Praydidae:**  
*Prays atomocella*, **Edwards Co.**, 1.3 mi NW of Campwood, 11 Apr 2018, AHX

**Pterophoridae:**  
*Adaina ambrosiae*, **Hidalgo Co.**, Santa Ana NWR headquarters, 2 Dec 2018, LBR  
*Adaina bipunctatus*, **Hidalgo Co.**, Mission, 16 Nov 2018, MR2  
*Dejongia californicus*, **Hidalgo Co.**, Mission, 28 Oct 2018, MR2  
*Emmelina monodactyla*, **Hidalgo Co.**, Santa Ana NWR headquarters, 2 Dec 2018, LBR  
*Hellinsia inquinatus*, **Hidalgo Co.**, Santa Ana NWR headquarters, 10 May 2018, LBR  
*Lantanophaga pusillidactylus*, **Hidalgo Co.**, Mission, 24 Jul 2018, MR2  
*Lioptilodes albistriolatus*, **Travis Co.**, Austin, 15 Mar 2018, BAR  
*Michaelophorus indentatus*, **Hidalgo Co.**, Mission, 21 Jul 2018, MR2  
*Stenoptilodes taprobanes*, **Hidalgo Co.**, Mission, 31 Jul 2018, MR2

**Pyralidae:**  
*Acrobasis texana*, **Brazoria Co.**, Lake Jackson, 12 Jun 2018, MMK  
*Anderida peorinella*, **Edwards Co.**, 1.3 mi NW of Campwood, 10 Apr 2018, AHX, BOLD ID TXLEP-585-18  
*Anemosella obliquata*, **Edwards Co.**, 1.3 mi NW of Campwood, 4 Mar 2018, AHX  
*Bandera binotella*, **Hidalgo Co.**, Mission, 11 Jun 2018, MR2  
*Baphala pallida*, **Brazoria Co.**, Lake Jackson, 24 Jun 2018, MMK  
*Baphala pallida*, **Travis Co.**, Austin, 30 Aug 2018, BAR  
*Cacotherapia flexilinealis*, **Hidalgo Co.**, Mission, 23 Feb 2018, MR2  
*Cacotherapia unipuncta*, **Hidalgo Co.**, Santa Ana NWR headquarters, 10 Jun 2018, LBR

*Cacozelia basiochealis*, **Hidalgo Co.**, Santa Ana NWR headquarters, 7 Nov 2018, LBR  
*Cacozelia pemphusalis*, **Hidalgo Co.**, Mission, 23 Sep 2018, MR2  
*Chararica hystriculella*, **Hidalgo Co.**, Mission, 23 May 2018, MR2  
*Dioryctria caesirufella*, **Travis Co.**, Austin, 27 Sep 2018, BAR  
*Dioryctria clarioralis*, **Brazoria Co.**, Lake Jackson, 21 Mar 2018, MMK  
*Ephesiodes gilvescentella*, **Hidalgo Co.**, Mission, 10 Feb 2018, MR2  
*Ephesiodes infimella*, **Brazoria Co.**, Lake Jackson, 19 Mar 2018, MMK  
*Etiella zinckenella*, **Hidalgo Co.**, Mission, 17 Mar 2018, MR2  
*Euzophera semifuneralis*, **Brazoria Co.**, Lake Jackson, 16 Mar 2018, MMK  
*Euzophera semifuneralis*, **Edwards Co.**, 1.3 mi NW of Campwood, 15 Jul 2015, AHX, BOLD ID TXLEP640-18  
*Galleria mellonella*, **Hidalgo Co.**, Mission, 15 May 2018, MR2  
*Honora mellinella*, **Hidalgo Co.**, Mission, 3 Jun 2018, MR2  
*Macalla glastianalis*, **Hidalgo Co.**, Mission, 11 Oct 2018, MR2  
*Negalasa fumalis*, **Hidalgo Co.**, Santa Ana NWR headquarters, 10 May 2018, LBR  
*Neodavisia melusina*, **Hidalgo Co.**, Mission, 6 May 2018, MR2  
*Omphalocera cariosa*, **Hidalgo Co.**, Santa Ana NWR headquarters, 10 Jul 2018, LBR  
*Peoria longipalpella*, **Edwards Co.**, 1.3 mi NW of Campwood, 17 Oct 2012, AHX, BOLD ID  
*Pococera asperatella*, **Hidalgo Co.**, Santa Ana NWR headquarters, 10 May 2018, LBR  
*Pococera humerella*, **Liberty Co.**, Trinity NWR, 24 Feb, SM3  
*Pococera maritimalis*, **Brazoria Co.**, Lake Jackson, 9 Mar 2018, MMK  
*Pococera maritimalis*, **Hidalgo Co.**, Santa Ana NWR headquarters, 30 Sep 2018, LBR  
*Pococera militella*, **Brazoria Co.**, Lake Jackson, 27 Mar 2018, MMK  
*Sciota rubriparsella*, **Brazoria Co.**, Lake Jackson, 20 Jun 2018, MMK  
*Stylopalpia scobiella*, **Hidalgo Co.**, Mission, 1 Aug 2018, MR2  
*Tallula atrifascialis*, **Brazoria Co.**, Lake Jackson, 18 Jun 2018, MMK, ID by ECKnudson  
*Tallula atrifascialis*, **Edwards Co.**, 1.3 mi NW of Campwood, 31 Aug 2018, AHX

**Riodinidae:**  
*Calephelis nemesis australis*, **Medina Co.**, Hondo Creek, 25 May 2018, SEP

**Saturniidae:**  
*Eupackardia calleta*, **Bexar Co.**, Helotes, 4 Apr 2018, JFD

**Scythrididae:**  
*Arotura longissima*, **Hidalgo Co.**, Mission, 25 Sep 2018, MR2  
*Neoscythris fissirostris*, **Edwards Co.**, 1.3 mi NW of Campwood, 18 Jun 2018, AHX, BOLD ID

**Sphingidae:**  
*Agrius cingulata*, **Edwards Co.**, 1.3 mi NW of Campwood, 11 Oct 2018, AHX

**Thyrididae:**  
*Dysodia oculatana*, **Hidalgo Co.**, Santa Ana NWR headquarters, 18 Mar 2018, LBR  
*Meskea dyspteraria*, **Brazoria Co.**, Lake Jackson, 18 Apr 2018, MMK

**Tineidae:**  
*Acrolophus arcanella*, **Edwards Co.**, 1.3 mi NW of Campwood, 8 May 2018, AHX, BOLD ID – TXLEP603-18  
*Acrolophus griseus*, **Hidalgo Co.**, Santa Ana NWR headquarters, 18 Mar 2018, LBR  
*Acrolophus heppneri*, **Hidalgo Co.**, Mission, 27 May 2018, MR2  
*Acrolophus piger*, **Hidalgo Co.**, Mission, 6 Sep 2018, MR2  
*Acrolophus texanella*, **Hidalgo Co.**, Santa Ana NWR headquarters, 2 May 2018, LBR  
*Amydria margoriella*, **Hidalgo Co.**, Mission, 1 Oct 2018, MR2  
*Niditinea orleansella*, **Hidalgo Co.**, Mission, 27 Dec 2018, MR2  
*Tinea mandarinella*, **Edwards Co.**, 1.3 mi NW of Campwood, 22 Sep 2018, AHX  
*Xylesthia pruniramiella*, **Hidalgo Co.**, Mission, 9 Sep 2018, MR2

**Tortricidae:**  
*Aethes baloghi*, **Hidalgo Co.**, Mission, 24 Jul 2018, MR2  
*Bactra priapeia*, **Hidalgo Co.**, Mission, 9 Sep 2018, MR2  
*Bactra verutana*, **Hidalgo Co.**, Mission, 23 Jun 2018, MR2  
*Epiblema boxcana*, **Brazoria Co.**, Lake Jackson, 25 Mar 2018, MMK  
*Epiblema praesumptiosa*, **Brazoria Co.**, Lake Jackson, 31 Jul 2018, MMK, ID by ECKnudson  
*Eucosma grindeliana*, **Brazoria Co.**, Lake Jackson, 1 May 2018, MMK  
*Eugnosta deceptana*, **Hidalgo Co.**, Mission, 27 Aug 2018, MR2  
*Grapholita tristrigana*, **Brazoria Co.**, Lake Jackson, 27 May 2018, MMK  
*Gretchena bolliana*, **Hidalgo Co.**, Mission, 18 Jun 2018, MR2  
*Gypsonoma salicicolana*, **Brazoria Co.**, Lake Jackson, 9 Jun 2018, MMK  
*Larisa subsolana*, **Hidalgo Co.**, Mission, 30 May 2018, MR2  
*Ofatulena duodecemstriata*, **Hidalgo Co.**, Mission, 28 Mar 2018, MR2  
*Pelochrista comatulana*, **Edwards Co.**, 1.3 mi NW of Campwood, 27 Jun 2016, AHX, BOLD ID – TXLEP330-16  
*Pelochrista graziella*, **Hidalgo Co.**, Mission, 4 Nov 2018, MR2  
*Pelochrista matutina*, **Hidalgo Co.**, Mission, 9 Mar 2018, MR2  
*Platynota flavedana*, **Edwards Co.**, 1.3 mi NW of Campwood, 17 Mar 2016, AHX, ID by Jason Dombrowskie  
*Rhyacionia rigidana*, **Liberty Co.**, Trinity NWR, 15 Feb, SM3, ID by ECKnudson

*Satronia tantilla*, Liberty Co., Trinity NWR, 27 Feb, SM3  
*Sereda tautana*, Edwards Co., 1.3 mi NW of Campwood, 2 Mar 2018, AHX  
*Sonia constrictana*, Hidalgo Co., Mission, 19 Jun 2018, MR2  
*Sonia vovana*, Edwards Co., 1.3 mi NW of Campwood, 31 Oct 2017, AHX, BOLD ID – TXLEP535-17  
*Suleima helianthana*, Hidalgo Co., Mission, 17 Sep 2018, MR2

**Zone 7: Ontario/Quebec**  
Coordinator Jessica E. Linton

The zone coordinator reports that she received no contributions this year.

**Zone 8: Midwest: Illinois, Indiana, Iowa, Kentucky, Michigan, Minnesota, Missouri, Ohio,  
West Virginia, Wisconsin**  
Coordinator: Thomas A. Jantscher

**Contributors:** James Adams (JKA), James Ebner (JAE), Leslie Ferge (LAF), Thomas Jantscher (TJ), Kyle Johnson (KEJ), Dave & Bonnie MacLean (DBM), Jason Martineau (JJM), Eric P. Olson (EPO), John Schwartz (JDS), James Sogaard (JS6), Allison Snopek-Barta (ASB), William Taft, Jr. (WTJ), Richard Teper (RT), John Weber Jr. (JWJ)

As a general summary for Zone 8, spring came late but warm temperatures arrived quickly in mid-May. Late in the summer, cool and wet conditions came early, and parts of Wisconsin had catastrophic flooding. Contributors indicated that 2018 was mostly below-average in terms of species abundance and diversity, continuing a trend developed in recent years. Saturniidae continue to be seen in lower numbers in northeast Minnesota and northern Illinois, and the same for Sphingidae in northeast Minnesota. It was clear, however, that *Danaus plexippus* had a very strong year, and *Papilio cresphontes* continues its northward expansion in the upper Midwest. *Vanessa cardui*, after the population explosion in late summer of 2017, was scarce in 2018. As usual, a handful of notable stray moths were found north of their usual range, including *Thyris maculata* in northeast Minnesota, *Calladapteryx dryopterata* in east-central Minnesota, and *Glenoides texanaria* and *Hypocala andremona* in Wisconsin.

Significant records from all of Zone 8 in 2018 are in this hard copy Season Summary publication, and they represent some outstanding records. Michigan, Minnesota, and Wisconsin in particular have some passionate and dedicated contributors that scour these states (particularly the bog and peatland habitats) searching for Lepidoptera, and many of these records are from them representing new range extensions or newly discovered populations.

Much field research around Lepidoptera in Zone 8 involves surveying, re-introducing, and managing for the Lepidoptera of the prairies that have now almost completely been converted to cropland. Prairie species such as *Oarisma poweshiek*, *Hesperia dacotae*, *Hesperia ottoe*, and others have become unfindable or are hanging on by a thread in small, isolated populations. Yearly prairie butterfly surveys in western Minnesota overseen by the Minnesota Department of Natural Resources (MnDNR) are shifting focus from trying desperately to find remaining individuals from original native populations to confirming as much as possible that no individuals remain at a potential release site so that introduced populations can be monitored with no interference from wild individuals.

Minnesota, and likely other states, continue to invest in biological surveys to grow their understanding of species distribution and, particularly for moths, to grow the baseline information about species natural history. For reference, Iowa is estimated to have about 2400 species of Lepidoptera and Wisconsin 2700 species, so there is plenty more field work to do just to know what is currently there. Most Zone 8 contributors study Lepidoptera primarily as a hobby and their survey efforts are to a variety of habitats and sites to gather Lepidoptera records, but some survey Lepidoptera only around their residence or in a few specific areas. There are some efforts being done, at least in Minnesota, to database historical records and university/museum holdings, and the emergence of online databasing is increasing the opportunity to share this information, such as what is being done with this Season Summary now.

Here, usually spring, summer, and fall are times to be in the field, and winter is the “off-season”. Exceptions are hunting for Saturniidae cocoons in the winter or, in a newly emerging trend started by Kyle E.

Johnson, searching for overwintering adult moths under bark and in leaf litter in the dead of winter. Kyle often has an annual “New Year’s Day” moth hunt where he searches under tree bark and brings leaf litter into a tent indoors, which when placed next to a light source, “wakens” the moths and draws them out of the leaf litter to be observed. His 2019 effort yielded 10 species from his yard in Oconto Co. in northeast Wisconsin!

Not many formal collecting or observing trips, events, or conferences are happening in Zone 8 at this time that I’m aware of, but many contributors stay in touch and arrange trips together or get together to hang out and talk about all things Lepidoptera.

John D. Schwartz commented that 2018 was with some remarkable exceptions not a good year for Lepidoptera in general in northern Illinois. Although he did well mating his local Saturniids, *Hyalophora cecropia*, *Antheraea polyphemus*, and *Callosamia promethea*, he did not attract wild males for *Automeris io*, *Actias luna*, or *Citheronia regalis* (although he didn’t expect that). The biggest news for butterflies was the abundance of *Danaus plexippus*, which he saw from late May to the end of September. *Papilio glaucus* were basically absent the whole summer, although he did see a few wherever he went but not in anything like normal numbers. *Papilio polyxenes* staged a comeback in August, with many of their habitats having been incinerated by their county land management in March. Altogether all their normal butterflies - except *Papilio glaucus* - experienced a late blooming, as it were. He did find *Papilio cresphontes* larvae on wafer ash at Burnidge as early as June this year, which is a first, as normally they don’t become obvious until August. Again, *Speyeria cybele* and *Nymphalis antiopa* seem to have been extirpated where they once were common (Burnidge Forest Preserve).

Dave & Bonnie MacLean, contributing from far northeast Minnesota, commented that Minnesota exhibited a range of temperature and moisture conditions and a dramatic turnaround from well below-average temperatures in April to well above-average temperatures in May. Some regions saw below-average precipitation and others well above-average precipitation and flooding. Warm conditions continued for much of the state until late September when temperatures turned cooler across northern Minnesota, and most regions of the state also experienced above-average to well above-average precipitation in September. They commented that perhaps the only butterfly that benefitted from the above-average summer temperatures reported for much of Minnesota was *Danaus plexippus*, suggesting that based on their records, 2018 was the best year for *Danaus plexippus* in Cook County since 2012. Observers in northeastern, north central and southern Minnesota reported seeing the largest number of *Danaus plexippus* in years. In Cook County, adults were first recorded on May 26 and last recorded in mid-August. Only one specimen of *Euchloe ausonides* was recorded along a 6-mile stretch of the upper Gunflint Trail (CR 12) from the Magnetic Rock Trailhead to the East end of Seagull Lake. Typically, 6 – 10 adults are recorded in mid- to late May flying along the roadside in the vicinity of their larval host plant, Tower Mustard (*Arabis glabra*). There were few records of *Colias philodice* in 2018, and *Pieris rapae* was uncommon in early summer but by mid-August was common in Cook County. *Callophrys polios* was only recorded twice in 2018. There are lots of sites like that in Cook County with healthy patches of its larval host plant Bearberry (*Arctostaphylos uva-ursi*) but few support a population of *Callophrys polios*. *Plebejus idas nabokovi* was once again common along the Junco Creek Road in Cook County. *Polygonia faunus*, *Polygonia progne*, *Nymphalis antiopa*, and *Nymphalis l-album* were uncommon in 2018, with the number of *Nymphalis antiopa* recorded in 2018 being the lowest they have recorded since 2000. After many records of *Vanessa cardui* in Northeast Minnesota in 2017, to their knowledge none were recorded in 2018. Numbers of *Phyciodes cocyta*, were higher in 2018, but only locally. *Euphydryas phaeton*, a locally uncommon species, was recorded at a wet meadow site near Lutsen. *Coenonympha tullia* was locally very common for the second year in a row along roadsides of Cook County Road 8. *Erebia mancinus* and *Oeneis jutta* were recorded at an old Black Spruce/Tamarack bog off the Gunflint Trail near Flour Lake. *Oeneis macounii* was recorded at several locations including the Junco Creek Road and five miles north of Virginia, Minnesota. Two noteworthy moth records were *Thyris maculata* on June 18, 2018 near Virginia in northeast Minnesota and *Calledapteryx dryopterata* on August 8, 2018 in east-central Minnesota. Saturniidae were scarce once again with only three records of *Antheraea polyphemus* and one of *Actias luna* reported from Cook County, and only six species of *Sphingidae* were reported from Cook and Pine Counties.

Allison Snopek-Barta commented from Cass County in north-central Minnesota that *Epargyreus clarus* was once again in abundance, although with not as many as last year. *Poanes hobomok* also was common, and she was really surprised to find a *Pyrgus communis* in her flower garden on some purple salvia. She had only one sighting of *Papilio polyxenes* all summer compared to seven sightings of that species in 2017. She recorded *Lycaena phlaeas* from here flower garden for the first time ever, and it is one of the most northwesterly records from the eastern United States population. Also, she remarked that the *Speyeria atlantis* population was very high

this year, along with *Satyrodes eurydice*, and that it was quite a good year for *Danaus plexippus*, observing more than in past years and an abundance of caterpillars. She had no sightings of *Vanessa cardui* after last year's huge population across the state, or of *Junonia coenia* or *Satyrium calanus*. Weather-wise, she added that 2018 had the fifth coldest April on record. When it did begin to warm up, it jumped from winter directly into summer with a May 7th temperature of 85 degrees. By June 10th it was apparent that there was a definite shortage of butterflies and it was 80 degrees, and by July 4th an unusual amount of Monarch caterpillars could be seen throughout her observation sites. On August 16th Wildfire smoke from Canada filled their skies, punctuating the driest summer since 2012. As September arrived, leaves were turning colors earlier than usual, and on September 28th snow flurries arrived on the scene, although the temperature jumped on October 21st and she observed and photographed a *Nymphalis antiopa* and an *Aglais milberti* in their yard.

Kyle E. Johnson conducted extensive surveys across Minnesota as part of the MN Biological Surveys for the Minnesota Department of Natural Resources; efforts were focused in the Agassiz Lowlands and Aspen Parklands ecoregions in the northwestern counties. Winter conditions prevailed until mid-April, but by June the season had returned to normal phenology. Lepidoptera diversity and abundance was good in the far north during late April and June, with numerous samples yielding over 200 species (each) in late June. August abundances/diversity appeared reduced, esp. for some groups like *Catocala*. The surveys yielded an impressive amount of significant records, including many potential new state records.

Leslie A. Ferge commented that spring 2018 came late, with cold and snowy conditions through April, changing abruptly to a record warm May. June rainfall was above average over much of Wisconsin with contrasting dryness in the central and northern areas. Late summer and fall were wet, with catastrophic flooding in many areas. Populations of most butterfly species were low again this season, continuing the decline noted over the past several years. Moth abundance was also below average, with early and late season numbers particularly low. The Geometrid *Ecliptopera silaceata*, previously known from only two historic specimens taken almost 60 years ago, was found in two counties. The introduced Geometrid *Idaea dimidiata* is spreading westward across the state. A few singleton stray moths were found late in the season, including *Glenoides texanaria* and *Hypocala andremona*.

John D. Schwartz commented that 2018 was with some remarkable exceptions not a good year for Lepidoptera in general in Wisconsin. He was impressed by the number of *Papilio cresphontes*, adults and larvae, on Wildcat Mountain in the Driftless region in Wisconsin, and that with typhoon-force rains that actually wiped out the town of Ontario below the state park there.

James A. Ebner commented that the season for him lasted from April 30 to December 3, and he recorded a total of 20 species. On a scale of one to ten, he ranked the season as a two, adding that it was a miserable season for prevalent species. Regarding migratory species, he noted that *Danaus plexippus* had low summer and fall numbers and was persistent with fair numbers, with the season lasting from May 16 to October 3, but had very few visits to his milkweed garden. He recorded only one *Hylephila phyleus* and one *Vanessa cardui*. His sightings of less common butterflies were *Strymon melinus* on August 17 and *Satyrium calanus* on July 15, and another sighting of interest from his was a very late *Colias* sp. (either *C. philodice* or *C. eurytheme*) seen on December 3.

## RECORDS:

### Kentucky:

#### Noctuidae:

*Cerastis fishii*, **McCreary Co**, Daniel Boone NF, Hwy 700, 2.7-3.5 mi WNW of Whitley City, 12-14 Apr 2018, JKA, **STATE RECORD**

*Lithophane georgii*, **McCreary Co**, Daniel Boone NF, Hwy 700, 2.7-3.5 mi WNW of Whitley City, 12-14 Apr 2018, JKA, **STATE RECORD**

#### Nolidae:

*Baileya ellessyoo*, **McCreary Co**, Daniel Boone NF, Hwy 700, 2.7-3.5 mi WNW of Whitley City, 12-14 Apr 2018, JKA, **STATE RECORD**

### Michigan:

#### Crambidae:

*Hymenia perspectalis*, **Mackinac Co**, Pointe Aux Chenes, 13 Sep 2018, KEJ

#### Depressariidae:

*Semiscopis packardella*, **Marquette Co**, McFarland Bog, 14 May 2018, KEJ

**Erebidae:**

*Ascalapha odorata*, Houghton Co, Senter Location (E of Dollar Bay), 7 Jul 2018, LAF, photo by Dave Fehringer  
*Catocala amatrix*, **Mackinac Co**, Pointe Aux Chenes, 13 Sep 2018, KEJ, first UP record  
*Catocala neogama*, **Mackinac Co**, Pointe Aux Chenes, 13 Sep 2018, KEJ, first UP record  
*Zale aeruginosa*, **Sanilac Co**, Minden Bog, 25 May 2018, KEJ

**Eriocraniidae:**

*Dyseriocrania griseocapitella*, **St. Clair Co**, Algonac State Park, 24 May 2018, KEJ

**Geometridae:**

*Epelis truncataria*, **Sanilac Co**, Minden Bog, 25 May 2018, KEJ  
*Epimecis hortaria*, **St. Clair Co**, Algonac State Park, 24 May 2018, KEJ  
*Eufidonia discospilata*, **Sanilac Co**, Minden Bog, 25 May 2018, KEJ  
*Eupithecia bowmani*, **Presque Isle Co**, Thompson's Harbor SP, 23 May 2018, KEJ  
*Eupithecia ravocostaliata*, **Sanilac Co**, Minden Bog, 25 May 2018, KEJ  
*Macaria oweni*, **Sanilac Co**, Minden Bog, 25 May 2018, KEJ  
*Mesothea incertata*, **Sanilac Co**, Minden Bog, 25 May 2018, KEJ  
*Metarranthis obfirmaria*, **Sanilac Co**, Minden Bog, 25 May 2018, KEJ  
*Tornos scolopacinaria*, **Otsego Co**, Nielsen Barrens, 10 Sep 2018, RT

**Gracillariidae:**

*Caloptilia vacciniella*, **Sanilac Co**, Minden Bog, 25 May 2018, KEJ

**Lycaenidae:**

*Callophrys augustinus*, **Sanilac Co**, Minden Bog, 25 May 2018, KEJ

**Noctuidae:**

*Acrionicta sperata*, **Sanilac Co**, Minden Bog, 25 May 2018, KEJ  
*Cerastis fishii*, **Sanilac Co**, Minden Bog, 25 May 2018, KEJ  
*Coenophila opacifrons*, **Kalkaska Co**, Lake Skegemog, 9 Sep 2018, KT, also KEJ  
*Condica sutor*, **Alger Co**, Baldy Lake Barrens, 14 Sep 2018, KEJ  
*Dargida procinctus*, **Grand Traverse Co**, Bullhead Lake, 9 Sep 2018, RT, **STATE RECORD**  
*Epiglaea apiata*, **Grand Traverse Co**, Bullhead Lake, 9 Sep 2018, RT  
*Feralia comstocki*, **Marquette Co**, McFarland Bog, 14 May 2018, KEJ  
*Feralia jocosa*, **Marquette Co**, McFarland Bog, 14 May 2018, KEJ  
*Feralia major*, **Marquette Co**, McFarland Bog, 14 May 2018, KEJ  
*Fishia yosemitae*, **Chippewa Co**, Trout Lake Peatlands, 13 Sep 2018, KEJ  
*Heliothis borealis*, **Luce Co**, Soo Junction Bog, 22 May 2018, KEJ  
*Hemipachnobia monochromatea*, **Sanilac Co**, Minden Bog, 25 May 2018, KEJ  
*Lacanobia grandis*, **Sanilac Co**, Minden Bog, 25 May 2018, KEJ  
*Litholomia napaea*, **Oscoda Co**, Muskrat Lake Barrens, 12 Sep 2018, RT  
*Lithophane amanda*, **Alger Co**, Baldy Lake Barrens, 14 Sep 2018, KEJ  
*Lithophane baileyi*, **Crawford Co**, Shupac Lake Barrens, 11 Sep 2018, RT  
*Lithophane georgii*, **Alger Co**, Baldy Lake Barrens, 14 Sep 2018, KEJ  
*Lithophane tepida*, **Oscoda Co**, Muskrat Lake Barrens, 12 Sep 2018, RT  
*Lithophane thujae*, **Marquette Co**, McFarland Bog, 14 May 2018, KEJ, few prior MI specimens  
*Orthosia segregata*, **Presque Isle Co**, Thompson's Harbor SP, 23 May 2018, KEJ  
*Papaipema appassionate*, **Kalkaska Co**, Lake Skegemog, 9 Sep 2018, KEJ, also RJT  
*Papaipema beeriana*, **Crawford Co**, Shupac Lake Barrens, 11 Sep 2018, RT, sp. near beeriana, collected by Steve Bransky  
*Papaipema inquaesita*, **Crawford Co**, Shupac Lake Barrens, 11 Sep 2018, RT, also Steve Bransky  
*Papaipema inquaesita*, **Oscoda Co**, Muskrat Lake Barrens, 12 Sep 2018, RT, also KEJ and Steve Bransky  
*Papaipema pterisii*, **Grand Traverse Co**, Bullhead Lake, 9 Sep 2018, RT, also KEJ

**Notodontidae:**

*Gluphisia lintneri*, **Marquette Co**, McFarland Bog, 14 May 2018, KEJ

**Papilionidae:**

*Battus philenor*, **Marquette Co**, Diorite, 10 Aug 2018, LAF, photo by Vicki Bennon

**Sesiidae:**

*Synanthedon sigmaidea*, Clinton Co, Rose Lake SGA, 24 Aug & 7 Sep 2018, WTJ, also Glenn Belyea

**Sphingidae:**

*Hyles euphorbiae*, **Oscoda Co**, Muskrat Lake Barrens, 12 Sep 2018, RT  
*Sphecodina abbottii*, **St. Clair Co**, Algonac State Park, 24 May 2018, KEJ

**Tortricidae:**

*Eucosma verna*, **Sanilac Co**, Minden Bog, 25 May 2018, KEJ  
*Pseudexentera vaccinii*, **Marquette Co**, McFarland Bog, 14 May 2018, KEJ

**Minnesota:****Choreutidae:**

*Choreutis diana*, **Koochiching Co**, Phone Box Corner, 23 Apr 2018, KEJ

**Coleophoridae:**

*Coleophora trifolii*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ

**Cosmopterigidae:**

*Walshia miscecolorella*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ

**Crambidae:**

*Argyria rufisignella*, Sherburne Co, Sherburne NWR/Mahnomen Trail, 15 Jul 2018, JS6

*Crambus awemellus*, **Beltrami Co**, Red Lake Peatland, 7 Aug 2018, KEJ

*Eoreuma crawfordi*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ

*Evergestis pallidata*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ

*Hahncappsa coloradensis*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ, possible **STATE RECORD**

*Herpetogramma aeglealis*, **Pine Co**, Fox Rd., 3 mi W of Hinckley, 6 & 15 Jul 2018, DBM, photo record, ID by Brian Scholtens, also Gary Hinds

*Occidentalia comptulatalis*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ

*Platytes vobisne*, **Carver Co**, Carver Park Reserve, 23 Jun 2018, KEJ

*Pyrausta acronialis*, **Pine Co**, Fox Rd., 3 mi W of Hinckley, 15 Aug 2018, DBM, photo record, also Gary Hinds

*Pyrausta nicalis*, **Clearwater Co**, Blue Lake, 20 Jun 2018, KEJ

*Pyrausta pythialis*, **Clearwater Co**, Blue Lake, 20 Jun 2018, KEJ

*Raphiptera argillaceus*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ

*Stegea eripalis*, Isanti Co, Sagers' Swamp (1.5 mi W of Pine Brook), 2 Jul 2018, JS6

**Depressariidae:**

*Agonopterix clemensella*, **Koochiching Co**, Franz-Jevne SP, 23 Apr 2018, KEJ

*Agonopterix nigrinotella*, **Scott Co**, Murphy-Hanrehan Park Reserve, 1 Mar 2018, KEJ

*Antaeotricha leucillana*, **Pine Co**, Fox Rd., 3 mi W of Hinckley, 19 Jun 2018, DBM, photo record, also Gary Hinds

*Semioscopis aureorella*, **Kittson Co**, Skull Lake WMA, 21 Apr 2018, KEJ

*Semioscopis merricella*, **Kittson Co**, Wallace Dayton CA, 21 Apr 2018, KEJ

**Erebidae:**

*Catocala amatrix*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ

*Catocala luciana*, **Clay Co**, Felton Prairie, 10 Aug 2018, KEJ

*Catocala parta*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ

*Catocala semirelictata*, **Beltrami Co**, Red Lake Peatland, 7 Aug 2018, KEJ

*Estigmene acrea*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ

*Grammia phyllira*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ

*Hypena deceptalis*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ

*Hypenodes fractilinea*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ

*Phalaenostola eumelusalis*, **Carver Co**, Carver Park Reserve, 23 Jun 2018, KEJ

*Phoberia atomaris*, **Wabasha Co**, Weaver Dunes, 7 May 2018, RT

*Tathorhynchus exsiccata*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ

*Zale unilineata*, **Wabasha Co**, Weaver Dunes, 6 May 2018, RT

*Zanclognatha pedipilalis*, **Carver Co**, Carver Park Reserve, 23 Jun 2018, KEJ

**Eriocraniidae:**

*Dyseriocrania griseocapitella*, **Olmsted Co**, Chester Woods Park, 7 May 2018, KEJ

**Euteliidae:**

*Marathyssa inficita*, **Carver Co**, Carver Park Reserve, 23 Jun 2018, KEJ

**Gelechiidae:**

*Dichomeris leuconotella*, **Carver Co**, Carver Park Reserve, 23 Jun 2018, KEJ

*Recurvaria nanella*, **Cook Co**, Walter Rd., east end of Devil Track Lake, 11 Jul 2018, DBM

**Geometridae:**

*Apodrepanulatrix liberaria*, **Beltrami Co**, Red Lake Peatland: western water track, 18 Aug 2018, KEJ, interior of vast peatland

*Archiearis infans*, **Clearwater Co**, Blue Lake, 18 Apr 2018, KEJ

*Archiearis infans*, **Kittson Co**, Skull Lake WMA, 21 Apr 2018, KEJ

*Archiearis infans*, **Koochiching Co**, Phone Box Corner, 23 Apr 2018, KEJ

*Digrammia continuata*, **Cook Co**, Walter Rd., east end of Devil Track Lake, 23 Jun 2018, DBM

*Digrammia denticulata*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ

*Erannis tiliaria*, **Scott Co**, Murphy-Hanrehan Park Reserve, 19 Oct 2018, KEJ

*Erastria coloraria*, **Wabasha Co**, Weaver Dunes, 5 May 2018, RT, also KEJ & Steve Bransky

*Euchlaena serrata*, **Carver Co**, Carver Park Reserve, 23 Jun 2018, KEJ

*Eupithecia miserulata*, **Pine Co**, Fox Rd., 3 mi W of Hinckley, 19 Jun 2018, DBM, photo record, also Gary Hinds

*Leucobrephephos brephoides*, **Clearwater Co**, Blue Lake, 18 Apr 2018, KEJ

*Leucobrephephos brephoides*, **Kittson Co**, Skull Lake WMA, 21 Apr 2018, KEJ

*Leucobrephephos brephoides*, **Koochiching Co**, Phone Box Corner, 23 Apr 2018, KEJ

*Leucobrephephos brephoides*, **Lake of the Woods Co**, Hiwood Forest Road, 17 Apr 2018, KEJ

*Leucobrephephos brephoides*, **Roseau Co**, Axel Olson's Corner, 17 Apr 2018, KEJ

*Lycia rachelae*, **Beltrami Co**, Red Lake WMA: Meger Meadows, 22 Apr 2018, KEJ

*Lycia rachelae*, **Kittson Co**, Skull Lake WMA, 21 Apr 2018, KEJ, **STATE RECORD**

*Macaria amboflava*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ

*Pasiphila rectangularata*, **Carver Co**, Carver Park Reserve, 23 Jun 2018, KEJ



*Pero ancetaria*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ  
*Plemyria georgii*, **Beltrami Co**, Red Lake Peatland, 7 Aug 2018, KEJ  
*Rheumaptera hastata*, **Pine Co**, Fox Rd., 3 mi W of Hinckley, 14 May 2018, DBM, photo record, also Gary Hinds  
*Selenia kentaria*, **Pine Co**, Fox Rd., 3 mi W of Hinckley, 14 May 2018, DBM, photo record, also Gary Hinds

#### Gracillariidae:

*Caloptilia ostryaeella*, **Carver Co**, Carver Park Reserve, 4 Apr 2018, KEJ, hibernating under bark  
*Caloptilia ostryaeella*, **Scott Co**, Murphy-Hanrehan Park Reserve, 1 Mar 2018, KEJ, hibernating under bark  
*Macrosaccus morrisella*, **Scott Co**, Murphy-Hanrehan Park Reserve, 1 Mar 2018, KEJ, hibernating under bark  
*Phyllocnistis vitifoliella*, **Scott Co**, Murphy-Hanrehan Park Reserve, 1 Mar 2018, KEJ, hibernating under bark

#### Hesperiidae:

*Epargyreus clarus*, **Koochiching Co**, Franz-Jevne SP, 19 Jun 2018, KEJ  
*Euphyes bimacula*, **Hubbard Co**, Badoura Jack Pine Woodland SNA, 21 Jun 2018, JWJ, very fresh puddling  
*Poanes viator*, **Koochiching Co**, Koochiching State Forest, 14 Jul 2018, TJ

#### Limacodidae:

*Lithacodes fasciola*, **Koochiching Co**, Franz-Jevne SP, 14 Jul 2018, TJ, new for Agassiz Lowlands ecoregion

#### Lycaenidae:

*Callophrys nippon*, **Winona Co**, Whitewater WMA, 6 May 2018, KEJ  
*Plebejus melissa*, **Hubbard Co**, Badoura Twp., 4 Jul & 22 Aug 2018, JWJ, assisted by Jim & Susan Hengeveld

#### Noctuidae:

*Acronicta clarescens*, **Fairbault Co**, Blue Earth rest stop, 43.658803° -94.113056°, 19 Aug 2018, JJM  
*Acronicta falcula*, **Pine Co**, Chengwatana State Forest, 45.854125° -92.764722°, 17 Aug 2018, JJM  
*Acronicta tristis*, **Carver Co**, Carver Park Reserve, 23 Jun 2018, KEJ  
*Anicla tenuescens*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ  
*Apamea helva*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ  
*Autographa bimaculata*, **Pine Co**, Fox Rd., 3 mi W of Hinckley, 16 Sep 2018, DBM, photo record, also Gary Hinds  
*Autographa mappa*, **Koochiching Co**, Manitou Trail, 19 Jun 2018, KEJ  
*Capsula laeta*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ  
*Catabena lineolata*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ  
*Dargida procinctus*, **Beltrami Co**, Red Lake Peatland, 7 & 18 Aug 2018, KEJ, outbreak year  
*Dargida procinctus*, **Clay Co**, Felton Prairie, 10 Aug 2018, KEJ  
*Dargida procinctus*, **Koochiching Co**, Old Pine Island Ranger Station, 7 Aug 2018, KEJ  
*Dichagyris grotei*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ  
*Enargia infumata*, **Carver Co**, Carver Park Reserve, 23 Jun 2018, KEJ  
*Eupsilia devia*, **Lake of the Woods Co**, Norris Camp, 22 Apr 2018, KEJ  
*Fagitana littera*, **Carver Co**, Carver Park Reserve, 23 Jun 2018, KEJ  
*Feltia subgothica*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ  
*Heliocheilus paradoxus*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ  
*Heliothis acesias*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ  
*Homoglaea hircina*, **Kittson Co**, Skull Lake WMA, 21 Apr 2018, KEJ  
*Homophoberia apicosa*, **Lake Co**, Wolf Ridge, Environmental Center, 11 Jul 2018, DBM, 2018 Bioblitz  
*Homophoberia apicosa*, **Pine Co**, Fox Rd., 3 mi W of Hinckley, 27 Jun 2018, DBM, photo record, also Gary Hinds  
*Lasionycta taigata*, **Beltrami Co**, Red Lake Peatland, 21 Jun 2018, KEJ  
*Leucania amygdalina*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ  
*Leucania lapidaria*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ  
*Lithophane amanda*, **Koochiching Co**, Porter Ridge, 25 Apr 2018, KEJ  
*Lithophane bethunei*, **Kittson Co**, Skull Lake WMA, 21 Apr 2018, KEJ  
*Lithophane disposita*, **Kittson Co**, Skull Lake WMA, 21 Apr 2018, KEJ  
*Lithophane fagina*, **Kittson Co**, Skull Lake WMA, 21 Apr 2018, KEJ  
*Lithophane grotei*, **Scott Co**, Murphy-Hanrehan Park Reserve, 19 Oct 2018, KEJ  
*Lithophane innominata*, **Kittson Co**, Skull Lake WMA, 21 Apr 2018, KEJ  
*Lithophane lanei*, **Kittson Co**, Skull Lake WMA, 21 Apr 2018, KEJ  
*Lithophane lanei*, **Winona Co**, Whitewater WMA, 6 May 2018, RT  
*Lithophane oriunda*, **Kittson Co**, Skull Lake WMA, 21 Apr 2018, KEJ, NW range extension  
*Lithophane pexata*, **Kittson Co**, Skull Lake WMA, 21 Apr 2018, KEJ  
*Lithophane thaxteri*, **Kittson Co**, Skull Lake WMA, 21 Apr 2018, KEJ  
*Lithophane thaxteri*, **Roseau Co**, Minnesota Hill, 20 Apr 2018, KEJ  
*Mamestra configurata*, **Beltrami Co**, Red Lake Peatland: western water track, 18 Aug 2018, KEJ  
*Morrisonia evicta*, **Wabasha Co**, Weaver Dunes, 5 May 2018, RT  
*Neoligia subjuncta*, **Carver Co**, Carver Park Reserve, 23 Jun 2018, KEJ  
*Orthosia hibisci*, **Kittson Co**, Skull Lake WMA, 21 Apr 2018, KEJ  
*Papaipema arctivorens*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ  
*Papaipema aweme*, **Beltrami Co**, Red Lake Peatland: western water track, 18 Aug 2018, KEJ, abundant, largest population so far known  
*Papaipema baptisiae*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ  
*Papaipema leucostigma*, **Pine Co**, Chengwatana State Forest, 45.854125° -92.764722°, 17 Aug 2018, JJM  
*Papaipema rigida*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ  
*Photodes panatela*, **Carver Co**, Carver Park Reserve, 23 Jun 2018, KEJ

*Plusia contexta*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ  
*Protoschinia nuchalis*, **Clay Co**, Felton Prairie, 10 Aug 2018, KEJ  
*Psaphida electilis*, **Wabasha Co**, Weaver Dunes, 6 May 2018, RT  
*Psaphida resumens*, **Wabasha Co**, Weaver Dunes, 6 May 2018, RT  
*Psaphida rolandi*, **Wabasha Co**, Weaver Dunes, 7 May 2018, RT  
*Pseudohermomassa tenuicula*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ  
*Pseudorthodes vecors*, **Carver Co**, Carver Park Reserve, 23 Jun 2018, KEJ  
*Resapamea stipata*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ  
*Schinia cumatilis*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ  
*Schinia grandimedia*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ  
*Schinia mortua*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ  
*Schinia rivulosa*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ  
*Stiria rugifrons*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ  
*Sympistis badistriga*, **Cook Co**, Walter Rd., east end of Devil Track Lake, 9 Aug 2018, DBM  
*Sympistis piffardi*, **Lake of the Woods Co**, Norris Camp, 16 Aug 2018, KEJ, 2<sup>nd</sup> MN site  
*Sympistis stabilis*, **Beltrami Co**, Red Lake WMA: Meger Meadows, 22 Jun 2018, KEJ  
*Syngrapha selecta*, **Koochiching Co**, Old Pine Island Ranger Station, 7 Aug 2018, KEJ, **STATE RECORD**  
*Trichordestra legitima*, **Pine Co**, Fox Rd., 3 mi W of Hinckley, 12 Jul 2018, DBM, photo record, also Gary Hinds  
*Xestia oblata*, **Beltrami Co**, Red Lake Peatland, 21 Jun 2018, KEJ  
*Xylena cineritia*, **Beltrami Co**, Red Lake WMA: Meger Meadows, 22 Apr 2018, KEJ  
*Xylena cineritia*, **Kittson Co**, Skull Lake WMA, 21 Apr 2018, KEJ  
*Xylena nupera*, **Kittson Co**, Skull Lake WMA, 21 Apr 2018, KEJ

**Nolidae:**  
*Nola cilicoides*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ

**Notodontidae:**  
*Clostera inclusa*, **Pine Co**, Fox Rd., 3 mi W of Hinckley, 11 Jun 2018, DBM, photo record, also Gary Hinds  
*Dasylophia anguina*, **Carver Co**, Carver Park Reserve, 23 Jun 2018, KEJ  
*Gluphisia lintneri*, **Koochiching Co**, Porter Ridge, 25 Apr 2018, KEJ  
*Heterocampa subrotata*, **Carver Co**, Carver Park Reserve, 23 Jun 2018, KEJ  
*Macrurocampa marthesia*, **Clearwater Co**, Blue Lake, 20 Jun 2018, KEJ

**Nymphalidae:**  
*Boloria chariclea*, **Beltrami Co**, Red Lake Peatland, 7 Aug 2018, KEJ, after 10 years of searching  
*Euphydryas phaeton*, **Clearwater Co**, Itasca SP 4JC, 15 Jul 2017, JWJ  
*Libytheana carinenta*, **Clearwater Co**, Itasca SP 4JC, 14 Jul 2018, JWJ, 1<sup>st</sup> record in northcentral MN

**Pterophoridae:**  
*Gillmeria pallidactyla*, **Carver Co**, Carver Park Reserve, 23 Jun 2018, KEJ

**Pyralidae:**  
*Peoria approximella*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ  
*Peoria gemmatella*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ  
*Pococera asperatella*, **Lake Co**, Wolf Ridge, Environmental Center, 18 Jul 2018, DBM, 2018 Bioblitz

**Saturniidae:**  
*Automeris io*, **Clearwater Co**, Blue Lake, 20 Jun 2018, KEJ  
*Callosamia promethea*, **Ramsey Co**, Vadnais-Snail Lakes Regional Park, 5 Jul 2018, TJ, male attracted to female pheromone  
*Callosamia promethea*, **Scott Co**, Murphy-Hanrehan Park Reserve, 4 Jul 2018, TJ

**Sesiidae:**  
*Synanthedon acerrubri*, **Pine Co**, Fox Rd., 3 mi W of Hinckley, 6 Jul 2018, DBM, photo record, also Jerry McCormick  
*Synanthedon pini*, **Beltrami Co**, Red Lake Peatland, 21 Jun 2018, KEJ  
*Synanthedon pini*, **Koochiching Co**, North Black River Peatland, 19 Jun 2018, KEJ

**Sphingidae:**  
*Eumorpha pandorus*, **Wabasha Co**, West Newton Rd., 10 Jul 2018, TJ, nectaring at bouncing bet  
*Hyles euphorbiae*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ  
*Sphinx kalmiae*, **Wadena Co**, 170<sup>th</sup> St. W of 261<sup>st</sup> Ave., 14 Jul 2018, TJ, nectaring at bouncing bet

**Thyrididae:**  
*Thyris maculata*, **St. Louis Co**, near divergence of US53 & 169, 5 mi N of Virginia, 18 Jun 2018, DBM, likely **STATE RECORD**, also Jerry McCormick

**Tortricidae:**  
*Acleris subnivana*, **Scott Co**, Murphy-Hanrehan Park Reserve, 19 Oct 2018, KEJ  
*Ancylis metamelana*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ  
*Archips argyrospila*, **Cook Co**, Walter Rd. east end of Devil Track Lake, 13 & 24 Aug 2018, DBM  
*Archips grisea*, **Carver Co**, Carver Park Reserve, 23 Jun 2018, KEJ  
*Clepsia melaleucanus*, **Cook Co**, Walter Rd. east end of Devil Track Lake, 23 Jun 2018, DBM  
*Epiblema dorsisuffusana*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ  
*Epiblema strenuana*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ  
*Epiblema tripartitana*, **Carver Co**, Carver Park Reserve, 23 Jun 2018, KEJ  
*Eucosma glomerana*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ  
*Eucosma millerana*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ, abundant

*Eucosma raracana*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ  
*Gymnandrosoma punctidiscanum*, **Carver Co**, Carver Park Reserve, 23 Jun 2018, KEJ  
*Gynnidomorpha romonana*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ  
*Lobesia carduana*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ  
*Lozotaenia costinotana*, **Koochiching Co**, Pine Island Forest Road Bog, 7 Aug 2018, KEJ  
*Pelochrista comatulana*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ  
*Pelochrista consobrinana*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ  
*Pelochrista corosana*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ  
*Pelochrista robinsonana*, Isanti Co, Sager's Swamp (1.5 mi W of Pine Brook), 20 Jun 2018, JS6  
*Pseudexentera oregonana*, **Kittson Co**, Skull Lake WMA, 21 Apr 2018, KEJ  
*Sparganothis boweri*, **Carver Co**, Carver Park Reserve, 23 Jun 2018, KEJ  
*Suleima cinerodorsana*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ  
*Thyalia hollandana*, **Yellow Medicine Co**, Mound Spring Prairie, 11 Aug 2018, KEJ

**Uraniidae:**

*Calledapteryx dryopterata*, **Pine Co**, Fox Rd., 3 mi W of Hinckley, 8 Aug 2018, DBM, photo record, also Gary Hinds

**Yponomeutidae:**

*Euhypnometoides gracillariella*, **Beltrami Co.**, Red Lake Peatland, 11 Apr 2018, KEJ, flying during day in snow-covered spruce bog

## Wisconsin:

**Carposinidae:**

*Bondia crescentella*, **Brown Co**, NEW Zoo Reforestation Camp, 8 May 2018, KEJ

**Cossidae:**

*Acossus centerensis*, **Marathon Co**, Weston Twp., 7 Jun 2018, LAF

**Crambidae:**

*Diasemiodes janassialis*, **Monroe Co**, Fort McCoy, 17 Sep 2018, KEJ  
*Euchromius ocella*, **Monroe Co**, Fort McCoy, 17 Sep 2018, KEJ  
*Herpetogramma bipunctalis*, **Pepin Co**, Lower Chippewa River Prairie & Savannah, 2 Oct 2018, KEJ  
*Hymenia perspectalis*, **Pepin Co**, Lower Chippewa River Prairie & Savannah, 2 Oct 2018, KEJ  
*Pilocrocis ramentalis*, **Pepin Co**, Lower Chippewa River Prairie & Savannah, 2 Oct 2018, KEJ  
*Pyrausta subsequalis*, **Monroe Co**, Fort McCoy, 17 Sep 2018, KEJ  
*Pyrausta volupialis*, **Pepin Co**, Lower Chippewa River Prairie & Savannah, 2 Oct 2018, KEJ, probable **STATE RECORD**  
*Raphiptera argillaceellus*, **Monroe Co**, Fort McCoy, 17 Sep 2018, KEJ  
*Spoladea recurvalis*, **Pepin Co**, Lower Chippewa River Prairie & Savannah, 2 Oct 2018, KEJ  
*Thaumatopsis pectinifer*, **Monroe Co**, Fort McCoy, 17 Sep 2018, KEJ

**Depressariidae:**

*Agonopterix paulae*, **Pepin Co**, Lower Chippewa River Prairie & Savannah, 2 Oct 2018, KEJ;  
*Agonopterix pulvipennella*, **Oconto Co**, Little Suamico, 5 & 20 Dec 2018, KEJ, inside house and at bait  
*Depressaria cinereocostella*, **Dunn Co**, Dunnville Barrens, 2 Oct 2018, KEJ  
*Depressaria cinereocostella*, **Kenosha Co**, Bong SRA, 22 Mar 2018, KEJ, also Steve Bransky

**Epermeniidae:**

*Epermenia alba punctella*, **Monroe Co**, Fort McCoy, 18 Oct 2018, KEJ

**Erebidae:**

*Anticarsia gemmatalis*, **Pepin Co**, Lower Chippewa River Prairie & Savannah, 2 Oct 2018, KEJ  
*Catocala piatrix*, **Pepin Co**, Lower Chippewa River Prairie & Savannah, 2 Oct 2018, KEJ  
*Dyspyralis nigellus*, **Douglas Co**, NE of Hwy A & Lucas Rd., 18 Jul 2018, LAF  
*Grammia phyllira*, Dane Co, Mazo Dog unit, 3.5mi N of Mazomanie on Y, 43.222367° -89.800389°, 10 Jun 2018, EPO  
*Grammia speciosa*, **Douglas Co**, Summit Twp., 18 Jul 2018, LAF  
*Hypercompe scribonia*, **Richland Co**, LWRSWA Knapp Creek Unit, 15 Jun 2018, LAF  
*Hypocala andremona*, **Pepin Co**, Lower Chippewa River Prairie & Savannah, 2 Oct 2018, KEJ, **STATE RECORD**  
*Isogona tenuis*, **Crawford Co**, NE of jct of Hwys 60 & 61, 15 Jun 2018, LAF  
*Macrochilo bivittata*, **Douglas Co**, Wisconsin Point, 18 Jul 2018, LAF  
*Macrochilo louisiana*, **Bayfield Co**, Clover Twp., 18 Jul 2018, LAF  
*Macrochilo louisiana*, **Douglas Co**, Wisconsin Point, 18 Jul 2018, LAF  
*Mycterophora inexplicata*, **Bayfield Co**, Port Wing, 18 Jul 2018, LAF  
*Palthis asopialis*, **Rock Co**, Magnolia Bluff County Park, 24 Sep 2018, LAF  
*Zale submediana*, **Brown Co**, NEW Zoo Reforestation Camp, 8 May 2018, KEJ

**Eriocraniidae:**

*Dyseriocrania griseocapitella*, **Brown Co**, NEW Zoo Reforestation Camp, 8 May 2018, KEJ

**Gelechiidae:**

*Aristotelia pudibundella*, **Dunn Co**, Dunnville Barrens, 2 Oct 2018, KEJ, probable **STATE RECORD**

**Geometridae:**

*Ecliptopera silaceata*, **Marathon Co.**, Norrie, 7 Jun 2018, LAF  
*Ecliptopera silaceata*, **Taylor Co**, 2.5 mi W of Medford, 6 Aug 2018, LAF, photo by Joan Rickert  
*Eupithecia ravocostaliata*, **Vilas Co**, Hwy J, 0.3 mi W of Hwy W, 16 May 2018, LAF

*Glenoides texanaria*, **Green Co.**, Albany Wildlife Area, 24 Sep 2018, LAF  
*Hydriomena ruberata*, **Marathon Co.**, Norrie, 7 Jun 2018, LAF  
*Idaea dimidiata*, **Dane Co.**, Madison (Lake Farm County Park), 22 Jun 2018, LAF  
*Macaria promiscuata*, **Richland Co.**, LWRSWA Knapp Creek Unit, 15 Jun 2018, LAF  
*Pasiphila rectangulata*, **Richland Co.**, LWRSWA Knapp Creek Unit, 15 Jun 2018, LAF  
*Selenia kentaria*, **Iron Co.**, Sandrock Road Conifer Swamp, 16 May 2018, LAF

**Gracillariidae:**

*Acrocercops astericola*, **Monroe Co.**, Fort McCoy, 17 Sep 2018, KEJ  
*Caloptilia alnivorella*, **Brown Co.**, NEW Zoo Reforestation Camp, 25 Feb 2018, KEJ, **STATE RECORD**, also Robyn Nielsen  
*Macrosaccus morrisella*, **Crawford Co.**, Oak Coulee Woods, 26 Jan 2018, KEJ, hibernating under bark  
*Phyllonorycter apparella*, **Brown Co.**, NEW Zoo Reforestation Camp, 25 Feb 2018, KEJ

**Noctuidae:**

*Amyna stricta*, **Monroe Co.**, Fort McCoy, 17 Sep 2018, KEJ  
*Anicla tenuescens*, **Monroe Co.**, Fort McCoy, 17 Sep 2018, KEJ, few WI records  
*Apamea alia*, **Douglas Co.**, Wisconsin Point, 18 Jul 2018, LAF  
*Apamea nigrior*, **Bayfield Co.**, Port Wing, 18 Jul 2018, LAF  
*Apamea plutonia*, **Marathon Co.**, Mud Lake Bog, 7 Jun 2018, LAF  
*Apamea vultuosa*, **Marathon Co.**, Mud Lake Bog, 7 Jun 2018, LAF  
*Bellura vulnifica*, **Iron Co.**, Hwy G at Long Lake Creek, 8 Aug 2018, LAF  
*Cerastis fishii*, **Jackson Co.**, Teal Flowage, 4 May 2018, KEJ  
*Cerastis fishii*, **Jackson Co.**, Martin Marsh Tamarack Bog, 4 May 2018, LAF  
*Chrysodeixis includens*, **Pepin Co.**, Lower Chippewa River Prairie & Savannah, 2 Oct 2018, KEJ  
*Condica sutor*, **Monroe Co.**, Fort McCoy, 17 Sep 2018, KEJ  
*Epiglaea apiata*, **Monroe Co.**, Fort McCoy, 17 Sep 2018, KEJ  
*Eupsilia devia*, **Vilas Co.**, Hwy J, 0.3 mi W of Hwy W, 16 May 2018, LAF  
*Eupsilia morrisoni*, **Oconto Co.**, Little Suamico, 19-20 Dec 2018, KEJ, at bait  
*Eupsilia schweitzeri*, **Pepin Co.**, Lower Chippewa River Prairie & Savannah, 2 Oct 2018, KEJ  
*Eupsilia vinulenta*, **Oconto Co.**, Little Suamico, 19-20 Dec 2018, KEJ, at bait  
*Feralia jocosca*, **Brown Co.**, NEW Zoo Reforestation Camp, 8 May 2018, KEJ  
*Feralia jocosca*, **Vilas Co.**, Hwy J, 0.3 mi W of Hwy W, 16 May 2018, LAF  
*Lemmeria digitalis*, **Dunn Co.**, Lower Chippewa River Prairie & Savannah, 2 Oct 2018, KEJ  
*Lemmeria digitalis*, **Monroe Co.**, Fort McCoy, 17 Sep 2018, KEJ  
*Lithomoia germana*, **Walworth Co.**, Bluff Creek SNA, 8 Sep 2018, LAF  
*Lithophane disposita*, **Pepin Co.**, Lower Chippewa River Prairie & Savannah, 2 Oct 2018, KEJ  
*Lithophane franclemontii*, **Walworth Co.**, Bluff Creek SNA (Lone Tree Bluff), 23 Apr 2018, LAF  
*Lithophane hemina*, **Pepin Co.**, Lower Chippewa River Prairie & Savannah, 2 Oct 2018, KEJ  
*Lithophane innominata*, **Brown Co.**, NEW Zoo Reforestation Camp, 28 Mar 2018, KEJ  
*Lithophane lanei*, **Pepin Co.**, Lower Chippewa River Prairie & Savannah, 2 Oct 2018, KEJ  
*Lithophane pexata*, **Monroe Co.**, Fort McCoy, 17 Sep 2018, KEJ  
*Lithophane scotiae*, **Monroe Co.**, Fort McCoy, 17 Sep 2018, KEJ  
*Lithophane scotiae*, **Pepin Co.**, Lower Chippewa River Prairie & Savannah, 2 Oct 2018, KEJ  
*Lithophane thaxteri*, **Monroe Co.**, Fort McCoy, 18 Oct 2018, KEJ  
*Magusa divaricata*, **Pepin Co.**, Lower Chippewa River Prairie & Savannah, 2 Oct 2018, KEJ  
*Maliattha concinnimacula*, **Marathon Co.**, Norrie, 7 Jun 2018, LAF  
*Metaxaglaea inulta*, **Pepin Co.**, Lower Chippewa River Prairie & Savannah, 2 Oct 2018, KEJ  
*Neoligia exhausta*, **Douglas Co.**, NE of Hwy A & Lucas Rd., 18 Jul 2018, LAF  
*Papaipema cataphracta*, **Pepin Co.**, Lower Chippewa River Prairie & Savannah, 2 Oct 2018, KEJ  
*Papaipema leucostigma*, **Walworth Co.**, Bluff Creek SNA (Lone Tree Bluff), 8 Sep 2018, LAF  
*Papaipema maritima*, **Dunn Co.**, Lower Chippewa River Prairie & Savannah, 2 Oct 2018, KEJ  
*Papaipema maritima*, **Pepin Co.**, Lower Chippewa River Prairie & Savannah, 2 Oct 2018, KEJ  
*Papaipema nepheleptena*, **Walworth Co.**, Bluff Creek SNA, 8 Sep 2018, LAF  
*Papaipema sciata*, **Dunn Co.**, Lower Chippewa River Prairie & Savannah, 2 Oct 2018, KEJ  
*Papaipema sciata*, **Monroe Co.**, Fort McCoy, 17 Sep 2018, KEJ  
*Papaipema sciata*, **Pepin Co.**, Lower Chippewa River Prairie & Savannah, 2 Oct 2018, KEJ  
*Selicanis cinereola*, **Pepin Co.**, Lower Chippewa River Prairie & Savannah, 2 Oct 2018, KEJ, few WI sites  
*Xylotype arcadia*, **Monroe Co.**, Fort McCoy, 17 Sep 2018, KEJ

**Nolidae:**

*Garella nilotica*, **Pepin Co.**, Lower Chippewa River Prairie & Savannah, 2 Oct 2018, KEJ;  
*Nola triquetrana*, **Brown Co.**, NEW Zoo Reforestation Camp, 8 May 2018, KEJ

**Notodontidae:**

*Heterocampa subrotata*, **Richland Co.**, LWRSWA Knapp Creek Unit, 15 Jun 2018, LAF

**Pterophoridae:**

*Geina periscelidactylus*, **Dane Co.**, Lake Farm Co. Park-BioBlitz, 22 Jun 2018, RT  
*Gillmeria pallidactyla*, **Dane Co.**, Lake Farm Co. Park-BioBlitz, 22 Jun 2018, RT

**Pyralidae:**

*Bandera binotella*, **Dunn Co.**, Lower Chippewa River Prairie & Savannah, 2 Oct 2018, KEJ

**Tortricidae:**

*Decodes basiplagana*, **Monroe Co.**, Fort McCoy, 17 Sep 2018, KEJ  
*Epinotia medioviridana*, **Monroe Co.**, Fort McCoy, 17 Sep 2018, KEJ  
*Pelochrista consobrinana*, **Monroe Co.**, Fort McCoy, 17 Sep 2018, KEJ  
*Pelochrista ridingsana*, **Monroe Co.**, Fort McCoy, 17 Sep 2018, KEJ

**Uraniidae:**

*Callizia amorata*, **Marathon Co.**, Weston Twp., 7 Jun 2018, LAF

**Zone 9: Southeast: Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee, Virginia**

Coordinator: Brian G. Scholtens

**Contributors:** James Adams (JKA); James Adams, Lance Durden, John Hyatt, Eric Smith (ADH); James Adams & Jeff Slotton (J/S); R. Barnett (RB6); Giff Beaton & Henning von Schmelling (BVS); Giff Beaton & Dirk Stevenson (BDS); Debo Boddiford (DB4); D. Buchner (DB3); M. Campbell (MC2); Doris Cohrs (DC1); Will Cook (WC1); J. Demko (JD3); Lance Durden (LAD); Lance Durden & Dave Grundy (D/G); Lance Durden & Brian Scholtens (D/S); Lance Durden & Dirk Stevenson (S/D); Jim Ettman (JIE); Dennis M. Forsythe (DMF); John Hyatt (JAH); Michael L. Israel (MLI); Dave & Marty Kastner (DMK); Lisa Kimmerling (LK1); L. Lampel (LL1); Cole Lowery (CL3); Dave & Bonnie MacLean (DBM); Craig W. Marks (CWM); Eric P. Olson (EPO); Ricky L. Patterson (RLP); J. & B. Penny (PP1); John Pickering (JP3); Linda Romine (LR1); C. Seaton (CS2); Will Stuart (WS1); Brittany White (BW3); Dwight Williams (DW3); M. Williams (MW1); Darryl Willis (DW2); Rusty Wilson (RWI)

The Southeast experienced above normal temperatures during 2018, overall averaging about 1-2°F above the long-term mean. This was driven by the warmest February on record, bringing butterflies out very early, and by an extended heat wave from late August through October. Rainfall for the region was above average, driven mainly by wet months from April through July and December. Parts of Virginia, North Carolina, South Carolina and Georgia were more than 20 inches above average for the year and were heavily affected by Hurricane Florence, which dumped up to 35" of rain on parts of that area. Although it was much faster moving, Hurricane Michael socked the panhandle of Florida with category 4 winds (up to 155 mph). Every state in the region also received measurable snowfall due to a major January storm.

Several major sampling efforts continue in our area. Vernon Brou has worked on documenting the Lepidoptera of Louisiana for many years and continues to regularly publish information on species occurring there in the *News of the Southern Lepidopterists' Society*. Darryl Willis has been doing extensive sampling in Concord, NC, gradually working toward a fairly complete list of the species from that location. Jim Ettman has recently been working on compiling records for the state of Arkansas, both going back through historical collections and sampling in new localities. A survey of several years on Sapelo Island, GA has been coordinated by John Hyatt, with participation by Lance Durden, James Adams, and Brian Scholtens. Sampling since 2012 has now resulted in over 1000 species records for the island. The Southern Lepidopterists' Society sponsored a field trip to Unaka Mt. in TN from 6-8 July (Fig. 1). A small, but able contingent attended, and a summary was published in the *Southern Lepidopterists' News*. For the Season Summary the overall number of reports for the year were down compared with previous years.

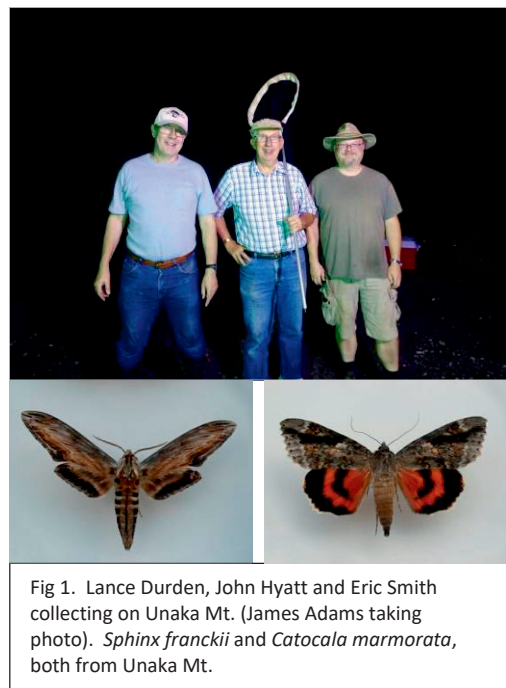


Fig 1. Lance Durden, John Hyatt and Eric Smith collecting on Unaka Mt. (James Adams taking photo). *Sphinx franckii* and *Catocala marmorata*, both from Unaka Mt.

## RECORDS:

## Arkansas:

### Crambidae:

*Achyra bifidalis*, **Pope Co**, Taylor Farm on Illinois Bayou, 24 Aug 2011, JIE, **STATE RECORD**, ID by BGScholtens  
*Agriphila ruricolellus*, **Conway Co**, Petit Jean Mt., 6 Oct 2011, JIE, **STATE RECORD**, ID by BGScholtens  
*Anania extricalis*, **Pulaski Co**, Camp Robinson, Grassy Lake, 30 Jun 2014, JIE, **STATE RECORD**, ID by BGScholtens  
*Chilo demotellus*, **Conway Co**, Petit Jean Mt., 15 Jun 2011, JIE, **STATE RECORD**, ID by BGScholtens  
*Eoparargyractis irroratalis*, **Pope Co**, Russellville, Bona Dea Trail, 15 Apr 2017, JIE, **STATE RECORD**, ID by BGScholtens  
*Eoreuma densellus*, **Franklin Co**, Cherokee Prairie, 12 Aug 2011, JIE, **STATE RECORD**, ID by BGScholtens  
*Fissicrambus profanellus*, **Conway Co**, Petit Jean Mt., 20 Jul 2011, JIE, **STATE RECORD**, ID by BGScholtens  
*Fumibotys fumalis*, **Conway Co**, Petit Jean Mt., 26 Sep 2013, JIE, **STATE RECORD**, ID by BGScholtens  
*Haimbachia placidellus*, **Conway Co**, Petit Jean Mt., 27 May 2017, JIE, **STATE RECORD**, ID by BGScholtens  
*Herpetogramma fluctuosalis*, **Yell Co**, Petit Jean Wildlife Mg. Area, Pullen Pond, 3 Jun 2014, JIE, **STATE RECORD**, ID by BGScholtens  
*Lipocosma septa*, **Pulaski Co**, Camp Robinson, Grassy Lake, 30 Jun 2014, JIE, **STATE RECORD**, ID by BGScholtens  
*Ostrinia penitalis*, **Arkansas Co**, Roth Prairie, 30 Jul 2011, JIE, **STATE RECORD**, ID by BGScholtens  
*Parapediasia teterrellus*, **Clark Co**, Terre Noire WMA, 27 Aug 2011, JIE, ID by BGScholtens  
*Pyrausta niveicillialis*, **Hot Spring Co**, Lake Catherine State Park, 18 Aug 2015, JIE, **STATE RECORD**, ID by BGScholtens  
*Pyrausta pseudonythesalis*, **Franklin Co**, Flanagan Prairie, 26 May 2012, JIE, **STATE RECORD**, ID by BGScholtens  
*Pyrausta rubicalis*, **Garland Co**, Lake Ouachita State Park, 21 Aug 2015, JIE, **STATE RECORD**, ID by BGScholtens  
*Xubida panalope*, **Conway Co**, Petit Jean Mt., 12 Aug 2013, JIE, **STATE RECORD**, ID by BGScholtens

### Erebidae:

*Cutina distincta*, **Conway Co**, Petit Jean Mt., 8 Sep 2015, JIE, **STATE RECORD**, ID by BGScholtens  
*Gabara distema*, **Arkansas Co**, Roth Prairie, 5 May 2012, JIE, **STATE RECORD**, ID by BGScholtens  
*Gondysia telma*, **Pope Co**, Russellville High School, campus wet area, 25 Aug 2016, JIE, **STATE RECORD**, ID by BGScholtens;

### Noctuidae:

*Leucania linita*, **Washington Co**, Woosley Wet Prairie, 12 Jun 2016, JIE, **STATE RECORD**, ID by BGScholtens  
*Sympistis kappa?*, **Benton Co**, Hobbs State Park, 21 Jun 2014, JIE, **STATE RECORD**, ID by BGScholtens

### Nolidae:

*Nycteola metaspilella*, **Polk Co**, Wilhelmina Overlook, Rich Mt., 25 Aug 2013, JIE, **STATE RECORD**, ID by BGScholtens

### Notodontidae:

*Elasmia mandela*, **Conway Co**, Petit Jean Mt., 8 Sep 2016, JIE, ID by BGScholtens

### Pterophoridae:

*Hellinsia inquinatus*, **Benton Co**, Searles Prairie, 3 Sep 2011, JIE, ID by BGScholtens

### Pyralidae:

*Acrobasis stigmella*, **Conway Co**, Petit Jean Mt., 5 Jul 2011, JIE, **STATE RECORD**, ID by BGScholtens  
*Condylolomia participialis*, **Conway Co**, Petit Jean Mt., 28 May 2011, JIE, **STATE RECORD**, ID by BGScholtens  
*Dioryctria clarioralis*, **Conway Co**, Petit Jean Mt., 24 Aug 2011, JIE, **STATE RECORD**, ID by BGScholtens  
*Euzophera semifuneralis*, **Conway Co**, Petit Jean Mt., 5 Sep 2005, JIE, **STATE RECORD**, ID by BGScholtens  
*Hypsopygia intermedialis*, **Conway Co**, Petit Jean Mt., 22 May 2016, JIE, **STATE RECORD**, ID by BGScholtens  
*Peoria roseotinctella*, **Conway Co**, Petit Jean Mt., 4 Jul 2014, JIE, **STATE RECORD**, ID by BGScholtens  
*Pococera humerella*, **Clark Co**, Terre Noire, 27 Aug 2011, JIE, **STATE RECORD**, ID by BGScholtens  
*Pococera melanogrammos*, **Conway Co**, Petit Jean Mt., 8 Sep 2007, JIE, **STATE RECORD**, ID by BGScholtens  
*Pococera robustella*, **Conway Co**, Petit Jean Mt., 17 May 2007, JIE, **STATE RECORD**, ID by BGScholtens  
*Pococera tiltella*, **Conway Co.**, Petit Jean Mt., 20 Jul 2011, JIE, **STATE RECORD**, ID by BGScholtens  
*Salebriaria engeli*, **Conway Co**, Petit Jean Mt., 22 Jul 2015, JIE, **STATE RECORD**, ID by BGScholtens  
*Salebriaria turpidella*, **Conway Co**, Petit Jean Mt., 31 May 2007, JIE, **STATE RECORD**, ID by BGScholtens  
*Sciota subfuscella*, **Conway Co**, Petit Jean Mt., 30 Jul 2005, JIE, **STATE RECORD**, ID by BGScholtens  
*Tallula atrifascialis*, **Conway Co**, Petit Jean Mt., 10 Jun 2001, JIE, **STATE RECORD**, ID by BGScholtens

### Sesiidae:

*Synanthedon acerrubri*, **Arkansas Co**, Arkansas Post NM, 15 Apr 2013, JIE, **STATE RECORD**, ID by BGScholtens

### Tineidae:

*Scardia anatomella*, **Drew Co**, Monticello Lake, 33°41'37"N -91°50'49"W, 5 May 2014, JIE, **STATE RECORD**, ID by BGScholtens  
*Xylesthia pruniramiella*, **Conway Co**, Petit Jean Mt., 35°07'42"N -92°53'24"W, 2 Aug 2015, JIE, **STATE RECORD**, ID by BGScholtens

### Tortricidae:

*Argyrotaenia ivana*, **Conway Co**, Petit Jean Mt., 35°07'42"N -92°53'24"W, 2 Apr 2013, JIE, **STATE RECORD**, ID by BGScholtens  
*Argyrotaenia kimballi*, **Pope Co**, Russellville, Bona Dea Trail, 7 May 2017, JIE, **STATE RECORD**, ID by BGScholtens  
*Cenopsis ferreana*, **Conway Co**, Petit Jean Mt., 01 Jun 2002, JIE, **STATE RECORD**, ID by BGScholtens  
*Chimoptesis gerulae*, **Conway Co**, Petit Jean Mt., 35°07'42"N -92°53'24"W, 31 Jan 2016, JIE, **STATE RECORD**, ID by BGScholtens  
*Decodes basiplagana*, **Sharp Co**, Alexander Spring River WMA, 29 Sep 2011, JIE, **STATE RECORD**, ID by BGScholtens  
*Epiblema ca. iowana*, **Miller Co**, Sandhills Nat. Area, 33°11'24"N -94°01'40"W, 29 May 2015, JIE, **STATE RECORD**, ID by BGScholtens  
*Epinotia rectiplicana*, **Pope Co**, Russellville High School, 14 Apr 2016, JIE, **STATE RECORD**, ID by BGScholtens  
*Eucosma canusana*, **Conway Co**, Petit Jean Mt., 35°07'42"N -92°53'24"W, 10 Nov 2013, JIE, **STATE RECORD**, ID by BGScholtens

*Gretchena nymphana*, **Conway Co**, Petit Jean Mt., 35°07'42"N -92°53'24"W, 22 Jul 2015, JIE, **STATE RECORD**, ID by BGScholten  
*Olethreutes ca. corylana*, **Conway Co**, Petit Jean Mt., 35°07'42"N -92°53'24"W, 22 Jul 2015, JIE, **STATE RECORD**, ID by BGScholten  
*Olethreutes fasciata*, **Sebastian Co**, Fort Chaffee, 35°16'30"N -94°12'15"W, 7 May 2012, JIE, **STATE RECORD**, ID by BGScholten  
*Pelochrista ca. matutina*, **Franklin Co**, Flanagan Prairie, 35°35'N -93°W, 20 Aug 2011, JIE, **STATE RECORD**, ID by BGScholten  
*Pelochrista vagana*, **Conway Co**, Petit Jean Mt., 35°07'42"N -92°53'24"W, 22 Jul 2013, JIE, **STATE RECORD**, ID by BGScholten  
*Rhyacionia busckana*, **Conway Co**, Petit Jean Mt., 35°07'42"N -92°53'24"W, 20 Feb 2012, JIE, **STATE RECORD**, ID by BGScholten

## Georgia:

### Crambidae:

*Lygropia tripunctata*, **Taylor Co.**, Fall Line Sandhills WMA, western section, W. of Parks Rd., 1-2 Sep 2018, J/S, 100 mi N of nearest GA record

*Undulambia striatalis*, **McIntosh Co.**, NE of Darian, just W. of Hwy 99, 13 Apr 2018, DC1, **STATE RECORD**

### Erebidae:

*Apantesis phyllira*, **Taylor Co.**, Fall Line Sandhills WMA, western section, W. of Parks Rd., 18-20 Oct 2018, J/S, uncommon

*Catocala agrippina*, **McIntosh Co.**, Kittles Island, 20 Jul 2005, JAH, only known from 2 locations in GA

*Catocala cerogama*, **Whitfield Co.**, Rocky Face Ridgeline, just SW of Dalton, 2-3 Jul 2018, JKA, first NW GA record

*Catocala consors*, **Taylor Co.**, Fall Line Sandhills WMA, western section, W. of Parks Rd., 8-10 Jun 2018, JKA, 3<sup>rd</sup> location in GA

*Catocala grisatra*, **Taylor Co.**, Fall Line Sandhills WMA, western section, W. of Parks Rd., 8-10 Jun 2018, JKA, **STATE RECORD**

*Catocala praeclara charlottae*, **Taylor Co.**, Fall Line Sandhills WMA, western section, W. of Parks Rd., 8-10 Jun 2018, JKA, uncommon and good record for coastal plain spp.

*Catocala sappho*, **Whitfield Co.**, Rocky Face Ridgeline, just SW of Dalton, 2-3 Aug 2018, JKA, first record in many years

*Dinumma deponens*, **Bulloch Co.**, Statesboro, no date, LAD

*Dinumma deponens*, **Taylor Co.**, Fall Line Sandhills WMA, western section, W. of Parks Rd., 8-10 Jun 2018, JKA, farthest S in GA

*Drasteria graphica*, **Taylor Co.**, Fall Line Sandhills WMA, western section, W. of Parks Rd., 8-10 Jun 2018, JKA, 200 mi WNW of nearest record

*Eurythra phasma*, **Taylor Co.**, Fall Line Sandhills WMA, western section, W. of Parks Rd., 8-10 Jun 2018, JKA, uncommon

*Idia gopheri*, **Taylor Co.**, Fall Line Sandhills WMA, western section, W. of Parks Rd., 8-10 Jun 2018, JKA, 150 mi WNW of nearest record

*Metalectra albilinea*, **Lowndes Co.**, Grassy Pond, 28-29 Sep 2018, JKA, uncommon

*Metria amella*, **Gordon Co.**, Calhoun (JKA residence), 5 May 2018, JKA, typically coastal plain

*Pseudanthracias coracias*, **Whitfield Co.**, Rocky Face Ridgeline, just SW of Dalton, 6-7 Sep 2018, JKA, 100+ mi N range extension

*Syntomeida ipomoeae*, **Effingham Co.**, near Guyton, 12 May 2018, A/A, uncommon

*Syntomeida ipomoeae*, **McIntosh Co.**, Kittles Island, 14 Oct 1999, JAH, uncommon

*Zale fictilis*, **Bulloch Co.**, Statesboro, 3 Dec 2018, LAD, 3<sup>rd</sup> GA record

### Euteliidae:

*Paectes nubifera*, **Taylor Co.**, Fall Line Sandhills WMA, western section, W. of Parks Rd., 18-20 Oct 2018, J/S, very uncommon off the coastal plain

### Geometridae:

*Ceratonyx satanaria*, **White Co.**, Unicoi Park Lodge, Helen, 24 Feb 2018, BW3, very few NE GA records

*Cyclophora culicaria*, **Bulloch Co.**, Statesboro, 13 Sep 2018, D/S, 3<sup>rd</sup> location in GA

*Idaea ostentaria*, **McIntosh Co.**, Sapelo Island, 5-7 Apr 2018, JKA, **STATE RECORD**

*Idaea tacturata*, **Whitfield Co.**, Rocky Face Ridgeline, just SW of Dalton, 6-7 Sep 2018, JKA, reaffirms N record in GA

*Lobocleta peralbata*, **Taylor Co.**, Fall Line Sandhills WMA, western section, W. of Parks Rd., 1-2 Sep 2018, J/S, local and uncommon in GA

*Nemoria catachloa*, **Wheeler Co.**, Alligator Creek WMA, 17 Oct 2018, S/D, northward range extension

### Lecithoceridae:

*Scythropiodes isikii*, **Clarke Co.**, just SW of Athens, 27 Jul 2013, JP3, few GA records

*Scythropiodes isikii*, **Gordon Co.**, 21 Sep 2017, LK1

### Limacodidae:

*Slossonella tenebrosa*, **Taylor Co.**, Fall Line Sandhills WMA, western section, W. of Parks Rd., 1-2 Sep 2018, J/S, very uncommon

### Noctuidae:

*Acronicta perblanda*, **Long Co.**, Griffin Ridge WMA, 4-5 Apr 2018, JKA, 2<sup>nd</sup> GA location

*Bellura gortynoides*, **Lowndes Co.**, Grassy Pond, 28-29 Sep 2018, JKA, very uncommon

*Dargida rubripennis*, **Taylor Co.**, Fall Line Sandhills WMA, western section, W. of Parks Rd., 1-2 Sep 2018, J/S, possible **STATE RECORD**

*Dipterygia patina*, **Whitfield Co.**, Rocky Face Ridgeline, just SW of Dalton, 6-7 Sep 2018, JKA, 1<sup>st</sup> NW GA record

*Emarginea percara*, **Whitfield Co.**, Taylor's Ridgeline, 5 mi W of Villanow, 12-13 May 2018, JKA, 1<sup>st</sup> NW GA record

*Eucoptocnemis dapsilis*, **Taylor Co.**, Fall Line Sandhills WMA, western section, W. of Parks Rd., 18-20 Oct 2018, J/S, 150 mi WNW of nearest record

*Eucoptocnemis fimbriaris*, **Taylor Co.**, Fall Line Sandhills WMA, western section, W. of Parks Rd., 18-20 Oct 2018, J/S, very uncommon, abundant at this site

*Euxoa violaris*, **Taylor Co.**, Fall Line Sandhills WMA, western section, W. of Parks Rd., 18-20 Oct 2018, J/S, likely **STATE RECORD**

*Lithophane lemmeri*, **Walker Co.**, Taylor's Ridgeline, 5 mi W of Villanow, 22-23 Feb 2018, JKA, uncommon

*Morrisonia triangula*, **Long Co.**, Griffin Ridge WMA, 4-5 Apr 2018, JKA, uncommon

*Morrisonia triangula*, **McIntosh Co.**, Sapelo Island, 5-7 Apr 2018, LAD, uncommon

*Papaipema stenocelis*, **McIntosh Co.**, Sapelo Island, 1 Nov 2018, LAD, 2<sup>nd</sup> GA location

*Properigea nr. costa*, **Walker Co.**, Taylor's Ridgeline, 5 mi W of Villanow, 27-28 Apr 2018, JKA, 2<sup>nd</sup> GA location

*Pyrrhia aurantiago*, **Taylor Co.**, Fall Line Sandhills WMA, western section, W. of Parks Rd., 1-2 Sep 2018, J/S  
*Schinia arefacta*, **Taylor Co.**, Fall Line Sandhills WMA, western section, W. of Parks Rd., 1-2 Sep 2018, J/S, 150 mi WNW of nearest record;  
*Schinia bimatrix*, **Taylor Co.**, Fall Line Sandhills WMA, western section, W. of Parks Rd., 1-2 Sep 2018, J/S, **STATE RECORD**  
*Schinia meskeana*, **Taylor Co.**, Fall Line Sandhills WMA, western section, W. of Parks Rd., 8-10 Jun & 1-2 Sep 2018, JKA, uncommon in GA  
*Schinia petulans*, **Taylor Co.**, Fall Line Sandhills WMA, western section, W. of Parks Rd., 1-2 Sep 2018, J/S, N & W of GA records  
*Schinia sanguinea/carnosina*, **Taylor Co.**, Fall Line Sandhills WMA, western section, W. of Parks Rd., 1-2 Sep 2018, J/S, few GA records  
*Sideridis ruisa*, **Taylor Co.**, Fall Line Sandhills WMA, western section, W. of Parks Rd., 1-2 Sep 2018, J/S, 150 mi WNW of nearest record  
*Stiria rugifrons*, **Taylor Co.**, Fall Line Sandhills WMA, western section, W. of Parks Rd., 1-2 Sep 2018, J/S, uncommon in GA  
*Sympistis eleaner*, **McIntosh Co.**, Sapelo Island, 6-8 May 2016, 9-10 May 2017 (JKA), 21-22 Apr 2017 (LAD), 9 May 2017 (BGS), newly described species, **STATE RECORD**

#### **Nolidae:**

*Afrida ydatodes*, **Lowdnes Co.**, Grassy Pond, 28 -29 Sep 2018, JKA, few records in GA

#### **Notodontidae:**

*Hyparpax aurora*, **Taylor Co.**, Fall Line Sandhills WMA, western section, W. of Parks Rd., 8-10 Jun 2018, JKA, most abundant ever seen (40-50 individuals)

#### **Oecophoridae:**

*Promalactis suzukiella*, **Bulloch Co.**, Statesboro, 13 Sep 2018, D/S, not widespread yet

*Promalactis suzukiella*, **Whitfield Co.**, Rocky Face Ridgeline, just SW of Dalton, 16-17 Aug 2018, JKA

#### **Saturniidae:**

*Anisota consularis*, **Emmanuel Co.**, Ohoopsee Dunes tract 3 (Hall's Bridge), 8 mi W of Swainsboro, 6 Sep 2018, BVS, larva, 2<sup>nd</sup> location in GA, range extension N

*Anisota consularis*, **Wheeler Co.**, Alligator Creek WMA, 10 Sep 2018, BDS, larva, 3rd location in GA, range extension N

*Hemileuca maia*, **Floyd Co.**, Berry Forest WMA, 2 Dec 2018, CL3, 1<sup>st</sup> Dec record for NE GA

#### **Sphingidae:**

*Eumorpha achemon*, **Taylor Co.**, Fall Line Sandhills WMA, western section, W. of Parks Rd., 8-10 Jun 2018, JKA, very uncommon in GA

#### **Tortricidae:**

*Pelochrista adamantana*, **Taylor Co.**, Fall Line Sandhills WMA, western section, W of Parks Rd., 18-20 Oct 2018, J/S, abundant, 2<sup>nd</sup> location in GA

## **Mississippi:**

#### **Erebidae:**

*Catocala myristica*, **Clay Co.**, south of West Point, 27 Jun 2018, RLP

#### **Hesperiidae:**

*Urbanus proteus*, **Warren Co.**, Vicksburg, 9 Sep 2018, RLP

#### **Lycaenidae:**

*Callophrys henrici turneri*, **Chickasaw Co.**, Chickasaw County WMA, 8 Mar 2018, RLP

#### **Nymphalidae:**

*Lethe appalachia*, **Clay Co.**, south of West Point, 27 Jun 2018, RLP

## **North Carolina:**

#### **Cosmopterigidae:**

*Melanoclinis sparsa*, **Cabarrus Co.**, Concord, 11 May 2018, DW2, possible **STATE RECORD**

#### **Crambidae:**

*Diasemiopsis leodocusalis*, **Cabarrus Co.**, Concord, 17 Aug 2017, DW2, possible **STATE RECORD**

*Neodactria zeellus*, **Cabarrus Co.**, NC, Concord, 31 May 2017, DW2, possible **STATE RECORD**

#### **Gelechiidae:**

*Caryocolum pullatella*, **Cabarrus Co.**, Concord, 4 Jun 2018, DW2, possible **STATE RECORD**

*Xenolechia ontariensis*, **Cabarrus Co.**, Concord, 24 Jun 2017, DW2, possible **STATE RECORD**

#### **Oecophoridae:**

*Scythropiodes issikii*, **Cabarrus Co.**, Concord, 1 Sep 2018, DW2, **STATE RECORD**

#### **Pyralidae:**

*Acrobasis ostryella*, **Cabarrus Co.**, Concord, 15 Jun 2018, DW2, possible **STATE RECORD**

*Acrobasis stigmella*, **Cabarrus Co.**, Concord, 29 Jul 2017, DW2, possible **STATE RECORD**

*Goya stictella*, **Cabarrus Co.**, Concord, 30 May 2015, DW2, possible **STATE RECORD**

*Homaeosoma electellum*, **Cabarrus Co.**, Concord, 24 Oct 2017, DW2, possible **STATE RECORD**

#### **Sesiidae:**

*Podosesia syringae*, **Cabarrus Co.**, Concord, 12 Jun 2018, DW2, possible **STATE RECORD**

#### **Tortricidae:**

*Acleris negundana*, **Cabarrus Co.**, Concord, 15 Mar 2018, DW2, possible **STATE RECORD**

*Acleris robinsoniana*, **Cabarrus Co.**, Concord, 11 Mar 2016, DW2, possible **STATE RECORD**

*Acleris schalleriana*, **Cabarrus Co.**, Concord, 17 Dec 2017, DW2, possible **STATE RECORD**

*Corticivora clarki*, **Cabarrus Co.**, Concord, 24 May 2017, DW2, possible **STATE RECORD**



*Cydia lacustrina*, **Cabarrus Co.**, Concord, 26 Apr 2014, DW2, **STATE RECORD**  
*Pammene felicitana*, **Cabarrus Co.**, Concord, 13 May 2018, DW2, possible **STATE RECORD**  
*Retinia taedana*, **Cabarrus Co.**, Concord, 18 Jun 2017, DW2, possible **STATE RECORD**

## South Carolina:

### Hesperiidae:

*Amblyscirtes aesculapius*, **Greenwood Co.**, Ninety-six National Battlefield, 19 Apr 2018, RWI, photo record  
*Amblyscirtes hegon*, **York Co.**, Ann Spring Close Greenway, 25 Apr 2018, LL1, photo record  
*Calpodus ethlius*, **Berkeley Co.**, Cypress Gardens, 3 Sep 2008, DW3  
*Calpodus ethlius*, **Greenville Co.**, 366 S. Buckhorn Rd., Greenville, 12 Sep 2018, RB6, photo record  
*Calpodus ethlius*, **Greenwood Co.**, Mens Garden, Greenwood, 10 Sep 2018, RWI, photo record  
*Calpodus ethlius*, **Lancaster Co.**, Indian Land, 9 Aug 2018, CS2, photo record  
*Calpodus ethlius*, **Oconee Co.**, 1743 Blue Ridge Blvd., Seneca, 11 Jul 2018, DMF, larva photo record  
*Calpodus ethlius*, **Spartanburg Co.**, Blackstock Rd. @ Hacker Creek, 10 Jul 2018, DMF, photo record  
*Erynnis funeralis*, **Clarendon Co.**, butterfly garden, Visitor Center, Santee NWR, 28 Aug 2015, LR1, on BAMONA  
*Pholisora catullus*, **Union Co.**, Enoree District, Sumter NF, 34.619623N -81.682573W, 6 Jun 2018, WC1, sight record  
*Problema byssus*, **Union Co.**, near Galilee Baptist Church, Sumter NF, 21 Aug 2018, WC1, photo record  
*Urbanus proteus*, **Abbeville Co.**, Pressley Gardens, Erskine College, Due West, 15 Oct 2018, MC2, on BAMONA  
*Urbanus proteus*, **Anderson Co.**, Paige Rd., 17 Oct 2018, MC2, on BAMONA

### Lycaenidae:

*Callophrys gryneus*, **Greenwood Co.**, Ninety-six National Battlefield, 4 Mar 2018, RWI, photo record  
*Celastrina neglecta*, **Greenwood Co.**, Ninety-six National Battlefield, 17 Feb 2017, RWI, photo record, confirmed by H. Pavulaan  
*Celastrina neglecta*, **Lancaster Co.**, Indian Land, 12 Aug 2018, CS2, photo record  
*Feniseca tarqinius*, **McCormick Co.**, FS 644 Rd system, Modoc, Sumter NF, 3 Mar 2018, JD3, photo record  
*Satyrium kingi*, **Chesterfield Co.**, Carolina Sandhills NWR, Pool A, 10 Jun 2018, WS1, photo record

### Nymphalidae:

*Anaea andria*, **Newberry Co.**, Cromer Rd., Enoree District, Sumter NF, 13 Apr 2018, DMF, sight record  
*Cyllopsis gemma*, **Abbeville Co.**, Main & Beuleh Sts., Due West, 4 Sep 2018, MC2, on BAMONA  
*Hermeuptychia intricata*, **Berkeley Co.**, Childsbury Towne HP, 22 Sep 2018, DMK, photo record, confirmed by T. Austin  
*Lethe appalachia*, **Hampton Co.**, Webb Wildlife Center, 29 Mar 2012, PP1, photo record  
*Polygonia comma*, **Beaufort Co.**, Pinckney NWR, 22 Feb 2018, DB3, photo record

### Papilionidae:

*Papilio cresphontes*, **Abbeville Co.**, Pressley Nature Center, Erskine College, 22 Aug 2018, MC2, photo record  
*Papilio palamedes*, **Lancaster Co.**, Thermal Trail, 19 Aug 2018, DMF, from BAMONA (Madame X)

### Pieridae:

*Anthocharis midea*, **Darlington Co.**, Great Pee Dee HP, 30 Mar 2018, MW1, photo record  
*Phoebis agarithe*, **Charleston Co.**, Holy Cross Cemetery, James Island, 17 Nov 2018, DMF, sight record of very rare migrant  
*Pontia protodice*, **Chesterfield Co.**, Wire Rd. west of Carolina Sandhills NWR, 19 Aug 2018, WS1, photo record

## Tennessee:

### Erebidae:

*Catocala marmorata*, **Unicoi Co.**, Unaka Mt., 3.5 mi NE from jct with Hwy 197, east of Irwin, 6-7 Jul 2018, ADH, uncommon

### Geometridae:

*Caripeta piniata*, **Unicoi Co.**, Unaka Mt., 3.5 mi NE from jct with Hwy 197, east of Irwin, 6-7 Jul 2018, LAD, probable **STATE RECORD**

### Noctuidae:

*Amphipyra glabella*, **Unicoi Co.**, Unaka Mt., 3.5 mi NE from jct with Hwy 197, east of Irwin, 6-7 Jul 2018, LAD, probable **STATE RECORD**

### Sphingidae:

*Sphinx franckii*, **Unicoi Co.**, Unaka Mt., 3.5 mi NE from jct with Hwy 197, east of Irwin, 6-7 Jul 2018, ADH, uncommon

## Zone 10: Northeast: Maritime Provinces, Maryland, New England states, New York, Pennsylvania

Coordinator: Mark J. Mello

**Contributors:** James K. Adams (JKA), Robert Dirig (RD), Karl Gardner (KG), Sue Gregoire (SG2), Gerald McWilliams (GM), Mark Mello (MJM), Michael Sabourin (MS)

The number of records reported this year was significantly down from previous years. We encourage contributors for the upcoming year.

### RECORDS:

### Maine:

#### Geometridae:

*Eulithis propulsata*, Somerset Co., 2.2 mi east of Hwy. 201/Hwy. 6 junction (along hwy. 6), SE of Jackman, 15-16 Jul 2018, JKA, few records

#### Noctuidae:

*Autographa mappa*, Penobscot Co., 2.4 mi NW of Millinocket along Millinocket Rd., 16-18 Jul 2018, JKA, uncommon

*Fishia yosemitae*, Piscataquis Co., 8 mi NW of Millinocket along Millinocket Rd., 16-18 Jul 2018, JKA, uncommon in ME

*Striacosta albicosta*, **Somerset Co.**, 2.2 mi east of Hwy. 201/Hwy. 6 junction (along hwy. 6), SE of Jackman, 15-16 Jul 2018, JKA, **STATE RECORD?**

*Sympistis dentata*, Piscataquis Co., 8 mi NW of Millinocket along Millinocket Rd., 16-18 Jul 2018, JKA, uncommon in ME

*Syngrapha u-aureum*, Penobscot Co., 2.4 mi NW of Millinocket along Millinocket Rd., 16-18 Jul 2018, JKA, uncommon

### Massachusetts:

#### Tortricidae:

*Cymolomia hartigiana*, **Barnstable Co.**, Provincetown, 16 Jul 1982, MJM, **STATE RECORD**, at MV light, ID by Michael Sabourin

### New Hampshire:

#### Erebidae:

*Mycterophora inexplicata*, **Coos Co.**, 3.9 mi S (up) from Randolph (Hwy. 2) on Jefferson Notch Rd, 1800', 18-19 Jul 2018, JKA, **STATE RECORD?**

*Mycterophora inexplicata*, **Grafton Co.**, along Trudeau Rd, between hws. 302 and 3, ±3 mi SE of Bethlehem, 19-20 Jul 2018, JKA;

#### Geometridae:

*Eulithis propulsata*, **Coos Co.**, 3.9 mi S (up) from Randolph (Hwy. 2) on Jefferson Notch Rd, 1800', 18-19 Jul 2018, JKA, **STATE RECORD?**

#### Noctuidae:

*Xestia perquiritata*, **Coos Co.**, 7 mi S (up) from Randolph (hwy. 2) on Jefferson Notch Rd, across from Mt. Jefferson parking lot, 3100', 18-19 Jul 2018, JKA, **STATE RECORD?**

### New York:

#### Hesperiidae:

*Urbanus proteus*, **Schuyler Co.**, Burdett, in flower garden, 30 Aug 2018, SG, fresh, nectaring at *Verbena bonariensis*, a very rare stray off the coastal plain; see Solidago 19(3):15, Sep 2018; via Robert Dirig

#### Lycaenidae:

*Lycaena hyllus*, Tompkins Co., McLean Bogs Preserve near Dryden, 15 Aug 2018, RD, fresh

*Strymon melinus*, Schuyler Co., Watkins Glen, 5 Sep 2018, SG, photographed nectaring at Profusion Zinnia, worn; via Robert Dirig

#### Nymphalidae:

*Aglais milberti*, Schuyler Co., Rock Cabin Rd. near Watkins Glen, 18 Jul 2018, RD, fresh male

*Euptoieta claudia*, **Schuyler Co.**, Watkins Glen, 5 Sep 2018, SG, photographed nectaring at *Potentilla*; via Robert Dirig

#### Papilionidae:

*Papilio cressphontes*, Tompkins Co., Ithaca, 15 Aug 2018, RD, seen from car

## Pennsylvania:

### Crambidae:

*Argyria critica*, Erie Co., Presque Isle State Park, 11 Jul 2018, GM, at MV light  
*Desmia maculalis*, Erie Co., Presque Isle State Park, 21 Jul 2018, GM, at MV light  
*Petrophila bifascialis*, Erie Co., Presque Isle State Park, 11 Jul 2018, GM, at MV light

### Depressariidae:

*Bibarrambra allenella*, Erie Co., Waterford, 4 Aug 2018, GM, at MV light

### Erebidae:

*Grammia anna*, Erie Co., Presque Isle State Park, 12 Jun 2018, GM, at MV light  
*Macrochilo louisiana*, Erie Co., Waterford, 4 Aug 2018, GM, at MV light

### Gelechiidae:

*Athrips mouffetella*, Erie Co., Presque Isle State Park, 11 Jul 2018, GM, at MV light

### Geometridae:

*Cyclophora packardi*, Erie Co., Erie Bluffs State Park, 18 Jul 2018, GM, at UV light  
*Pleuroprucha insulsaria*, Erie Co., Presque Isle State Park, 12 Jun 2018, GM, at MV light

### Hesperiidae:

*Atrytonopsis hianna*, Berks Co., Mohnton, 2 Jun 2018, KG  
*Erynnis horatius*, Lawrence Co., State Game Lands #148, 9 Jul 2018, GM

### Lycaenidae:

*Callophrys gryneus*, Berks Co., Fleetwood, 19 Jul 2018, KG  
*Calycopis cecrops*, Berks Co., Fleetwood, 19 May 2018 & 19 Sep 2018, KG

### Momphidae:

*Mompha eloisella*, Erie Co., Presque Isle State Park, 21 Jul 2018, GM, at MV light

### Noctuidae:

*Acronicta dactylina*, Erie Co., Presque Isle State Park, 11 Jul 2018, GM, at UV light  
*Acronicta dactylina*, Erie Co., Erie Bluffs State Park, 18 Jul 2018, GM, at UV light  
*Cucullia convexipennis*, Erie Co., Waterford, 4 Aug 2018, GM, at MV light

### Papilionidae:

*Eurytides marcellus*, Berks Co., Fleetwood, 3 & 9 Jul 2018, KG, Oviposited on *Asimina triloba* 3 Jul 18. Adults eclosed 4 Aug 18 to 8 Aug 18

### Pyralidae:

*Salebriaria engeli*, Erie Co., Presque Isle State Park, 24 Jul 2018, GM, at UV light

### Sphingidae:

*Hyles euphorbiae*, Erie Co., Presque Isle State Park, Aug 2018, GM, Larvae reared on *Euphorbia cyprarissias*, several adults emerged in Sept. & Oct.

### Tortricidae:

*Eucosma formosana*, Erie Co., Presque Isle State Park, 12 Jun 2018, GM, at MV light  
*Phalonidia lepidana*, Erie Co., Presque Isle State Park, 11 Jul 2018, GM, at MV light  
*Phaneta raracana*, Erie Co., Presque Isle State Park, 9 Aug 2018, GM, at MV light

### Ypsolophidae:

*Ypsolopha dentella*, Erie Co., Waterford, 4 Aug 2018, GM, at MV light

## Vermont:

### Geometridae:

*Eupithecia fletcherata*, Windham Co., Marlboro, Hogback Mt. Conservation Area, 4 Aug 2018, MS, male

### Tineidae:

*Nemapogon rileyi*, Washington Co., Marshfield, Whitcomb Pl., 1 Aug 2018, MS, female at light

### Tortricidae:

*Corticivora clarki*, Washington Co., Montpelier, Hubbard Park, 44.27°N, 72.57°W, 21 Jul 2018, MS, male at light  
*Epinotia sotipena*, Chittenden Co., Hinesburg, Geprags Pk., 24 Apr 2018, MS, female

## Zone 11: Mexico & the Caribbean Islands

Coordinator: Isabel Vargas Fernandez

**Contributors:** Noemí Salas–Suárez (NSS), José Luis Salinas–Gutiérrez (JLS), Isabel Vargas Fernandez (IVF)

### Quintana Roo, Mexico

Noemí Salas–Suárez, Estela de los Ángeles Domínguez–Mucul and José Luis Salinas–Gutiérrez, reported butterfly species from the community Álvaro Obregón Nuevo, located in the municipality Othón P. Blanco in the south of Quintana Roo, Mexico. It is 58 km southwest of Chetumal City. The climate is warm and subhumid with rain in the summer. The average annual temperature is between 25°–27° C. The main economic activity is sugar cane culture; Alvaro Obregón Nuevo is one of the main centers of this activity in Quintana Roo. This site is bordered by sugar cane culture, but the community has remnants of wastelands of approximately one hectare. These lands were planted in citrus crops, achiote, grasses and mango trees. Currently these wastelands help the surrounding fauna providing shelter and food. We collected a total of 38 species and 259 specimens on February 17, 22, 23, and 25, 2018. We recorded a total of 6 Pieridae, 18 Nymphalidae, 4 Lycaenidae, 1 Riodinidae, and 9 Hesperidae.

### Estado de México, Mexico

Alejandra Sanchez García and José Luis Salinas Gutiérrez, reported butterfly species from the community San Antonio Tepetitlán (place located between hills), Chiautla, Estado de México, Mexico. Tepetitlán is one of the 12 communities of the municipality of San Andrés Chiautla, with an area of 243.7 ha. The collecting site was located at 19°34'41" N –98°52'28" W, and 2270 meters above sea level. Las Promesas hill is part of the protected natural area "Sierra de Patlachique". The Papalotla River crosses the community, and it also has 75% of the surface with a low ecological quality and 25% with high quality. We collected a total of 30 species and 81 specimens in September, October and November 2017. We recorded a total of 2 Papilionidae, 12 Pieridae, 12 Nymphalidae, and 4 Lycaenidae.

### RECORDS:

### Distrito Federal:

#### Papilionidae:

*Papilio multicaudatus*, Coyoacán, Colonia Pedregal de Santa Úrsula, 13 Jul 2018, IVF

#### Nymphalidae:

*Dione moneta poeyii*, Coyoacán, Colonia Pedregal de Santa Úrsula, 8 Sep 2018, IVF

#### Pieridae:

*Leptophobia aripa elodia*, Coyoacán, Colonia Pedregal de Santa Úrsula, 15 Oct 2018, IVF

*Phoebis philea philea*, Coyoacán, Colonia Pedregal de Santa Úrsula, 15 Oct 2018, IVF

### Estado de Mexico:

#### Papilionidae:

*Papilio garamas garamas*, Chiautia, San Antonio Tepetitlán, 14 Sep 2017, JLS

*Papilio multicaudatus multicaudatus*, Chiautia, San Antonio Tepetitlán, 14 Sep 2017, JLS

#### Pieridae:

*Abaeis nicippe*, Chiautia, San Antonio Tepetitlán, 29 Aug 2017, JLS

*Catantacta nimbice nimbice*, Chiautia, San Antonio Tepetitlán, 29 Aug, 10 Oct, 21 Oct, 16 Nov, 28 Nov 2017, JLS

*Catantacta teutila teutila*, Chiautia, San Antonio Tepetitlán, 21 Oct & 16 Nov 2017, JLS

*Eurema boisduvaliana*, Chiautia, San Antonio Tepetitlán, 1 Sep & 21 Oct 2017, JLS

*Eurema salome jamapa*, Chiautia, San Antonio Tepetitlán, 10 Oct, 21 Nov, 28 Nov 2017, JLS

*Leptophobia aripa elodia*, Chiautia, San Antonio Tepetitlán, 1 Sep, 18 Sep, 21 Oct, 16 Nov, 28 Nov 2017, JLS

*Nathalis iole*, Chiautia, San Antonio Tepetitlán, 14 Sep, 21 Oct, 16 Nov, 25 Nov 2017, JLS

*Phoebis philea philea*, Chiautia, San Antonio Tepetitlán, 10 Oct & 28 Nov 2017, JLS

*Phoebis sennae marcellina*, Chiautia, San Antonio Tepetitlán, 21 Oct & 21 Nov 2017, JLS

*Pieris rapae rapae*, Chiautia, San Antonio Tepetitlán, 10 Oct, 21 Nov, 28 Nov 2017, JLS

*Pontia protodice*, Chiautia, San Antonio Tepetitlán, 20 Sep & 16 Nov 2017, JLS

*Zerene cesonia cesonia*, Chiautia, San Antonio Tepetitlán, 18 Sep, 17 Oct, 25 Nov 2017, JLS

**Nymphalidae:**

*Agraulis vanillae incarnata*, Chiautia, San Antonio Tepetitlán, 17 Oct, 16 Nov, 28 Nov 2017, JLS  
*Chlosyne ehrenbergi*, Chiautia, San Antonio Tepetitlán, 10 Oct & 27 Oct 2017, JLS  
*Chlosyne janais*, Chiautia, San Antonio Tepetitlán, 10 Oct & 21 Oct 2017, JLS  
*Danaus gilippus thersippus*, Chiautia, San Antonio Tepetitlán, 27 Oct 2017, JLS  
*Danaus plexippus plexippus*, Chiautia, San Antonio Tepetitlán, 16 Nov 2017, JLS  
*Dione juno huascuma*, Chiautia, San Antonio Tepetitlán, 20 Sep, 17 Oct, 27 Oct, 16 Nov 2017, JLS  
*Dione moneta poeyii*, Chiautia, San Antonio Tepetitlán, 17 Oct 2017, JLS  
*Euptoieta hegesia meridiania*, Chiautia, San Antonio Tepetitlán, 17 Oct 2017, JLS  
*Nymphalis antiopa*, Chiautia, San Antonio Tepetitlán, 14 Sep 2017, JLS  
*Vanessa annabella*, Chiautia, San Antonio Tepetitlán, 29 Aug, 14 Sep, 20 Sep, 10 Oct, 17 Oct, 16 Nov, 21 Nov 2017, JLS  
*Vanessa atalanta rubria*, Chiautia, San Antonio Tepetitlán, 16 Nov 2017, JLS  
*Vanessa cardui*, Chiautia, San Antonio Tepetitlán, 18 Sep & 10 Oct 2017, JLS

**Lycaenidae:**

*Brephidium exilis*, Chiautia, San Antonio Tepetitlán, 18 Sep 2017, JLS  
*Celastrina gozora*, Chiautia, San Antonio Tepetitlán, 20 Sep, 17 Oct, 21 Oct 2017, JLS  
*Echinargus isola*, Chiautia, San Antonio Tepetitlán, 16 Nov 2017, JLS  
*Leptotes marina*, Chiautia, San Antonio Tepetitlán, 18 Sep, 10 Oct, 21 Oct, 16 Nov, 28 Nov 2017, JLS

**Quintana Roo:****Pieridae:**

*Anteos maerula*, Álvaro Obregón Nuevo, Othón P. Blanco, 17-22 Feb 2018, NSS  
*Eurema albula celata*, Álvaro Obregón Nuevo, Othón P. Blanco, 17-22 Feb 2018, NSS  
*Eurema daira eugenia*, Álvaro Obregón Nuevo, Othón P. Blanco, 17-22 Feb 2018, NSS  
*Phoebis philea philea*, Álvaro Obregón Nuevo, Othón P. Blanco, 17 Feb 2018, NSS  
*Pyrisitia nise nelphe*, Álvaro Obregón Nuevo, Othón P. Blanco, 17-22 Feb 2018, NSS  
*Pyrisitia proterpia*, Álvaro Obregón Nuevo, Othón P. Blanco, 17-22 Feb 2018, NSS

**Nymphalidae:**

*Adelpha iphiclus*, Álvaro Obregón Nuevo, Othón P. Blanco, 17-25 Feb 2018, NSS  
*Adelpha massilla*, Álvaro Obregón Nuevo, Othón P. Blanco, 25 Feb 2018, NSS  
*Anartia fatima fatima*, Álvaro Obregón Nuevo, Othón P. Blanco, 17-22 Feb 2018, NSS  
*Anartia jatrophae luteipicta*, Álvaro Obregón Nuevo, Othón P. Blanco, 17-22 Feb 2018, NSS  
*Anthanassa frisia tulcis*, Álvaro Obregón Nuevo, Othón P. Blanco, 22 Feb 2018, NSS  
*Biblis hyperia aganisa*, Álvaro Obregón Nuevo, Othón P. Blanco, 17-22 Feb 2018, NSS  
*Cepheuptychia glaucina*, Álvaro Obregón Nuevo, Othón P. Blanco, 17 Feb 2018, NSS  
*Chlosyne theona theona*, Álvaro Obregón Nuevo, Othón P. Blanco, 17-22 Feb 2018, NSS  
*Dryas iulia moderata*, Álvaro Obregón Nuevo, Othón P. Blanco, 22 Feb 2018, NSS  
*Dynamine pastiverta mexicana*, Álvaro Obregón Nuevo, Othón P. Blanco, 17-22 Feb 2018, NSS  
*Euptoieta hegesia meridiania*, Álvaro Obregón Nuevo, Othón P. Blanco, 22 Feb 2018, NSS  
*Hamadryas februa ferentina*, Álvaro Obregón Nuevo, Othón P. Blanco, 22 Feb 2018, NSS  
*Hamadryas feronia farinulenta*, Álvaro Obregón Nuevo, Othón P. Blanco, 22 Feb 2018, NSS  
*Heliconius charithonia vazquezae*, Álvaro Obregón Nuevo, Othón P. Blanco, 22 Feb 2018, NSS  
*Heliconius erato petiverana*, Álvaro Obregón Nuevo, Othón P. Blanco, 17-22 Feb 2018, NSS  
*Hermeuptychia hermes*, Álvaro Obregón Nuevo, Othón P. Blanco, 22 Feb 2018, NSS  
*Mestra dorcas amymone*, Álvaro Obregón Nuevo, Othón P. Blanco, 17-22 Feb 2018, NSS  
*Pareuptychia ocirrhoe*, Álvaro Obregón Nuevo, Othón P. Blanco, 22 Feb 2018, NSS

**Lycaenidae:**

*Arawacus sito*, Álvaro Obregón Nuevo, Othón P. Blanco, 17-23 Feb 2018, NSS  
*Cupido comyntas*, Álvaro Obregón Nuevo, Othón P. Blanco, 17 Feb 2018, NSS  
*Eumaeus toxea*, Álvaro Obregón Nuevo, Othón P. Blanco, 17-22 Feb 2018, NSS  
*Panhiades bathildis*, Álvaro Obregón Nuevo, Othón P. Blanco, 17-22 Feb 2018, NSS

**Riodinidae:**

*Emesis tenedia*, Álvaro Obregón Nuevo, Othón P. Blanco, 17 Feb 2018, NSS

**Hesperiidae:**

*Aguna coeloides*, Álvaro Obregón Nuevo, Othón P. Blanco, 23 Feb 2018, NSS  
*Antigonus erosus*, Álvaro Obregón Nuevo, Othón P. Blanco, 22 Feb 2018, NSS  
*Astraptes anaphus*, Álvaro Obregón Nuevo, Othón P. Blanco, 22 Feb 2018, NSS  
*Atalopedes campestris*, Álvaro Obregón Nuevo, Othón P. Blanco, 25 Feb 2018, NSS  
*Heliopetes arsalte*, Álvaro Obregón Nuevo, Othón P. Blanco, 17-22 Feb 2018, NSS  
*Mylon lassia*, Álvaro Obregón Nuevo, Othón P. Blanco, 22 Feb 2018, NSS  
*Panoquina ocola*, Álvaro Obregón Nuevo, Othón P. Blanco, 22 Feb 2018, NSS  
*Pyrgus oileus*, Álvaro Obregón Nuevo, Othón P. Blanco, 22 Feb 2018, NSS  
*Urbanus proteus*, Álvaro Obregón Nuevo, Othón P. Blanco, 22 Feb 2018, NSS

## Veracruz:

### Pieridae:

*Phoebis sennae marcelina*, Veracruz, Deam Lagoons, Mata de Pita, 3 Nov 2018, IVF

*Pyrisitia proterpia proterpia*, Veracruz, Deam Lagoons, Mata de Pita, 3 Nov 2018, IVF