



The Lepidopterists' Society

Season Summary 2019 – Complete PDF Edition

This year's season summary is a combination of the 2019 season summary records and any 2017 season summary records that we could gather from the Zone Coordinators. Since the 2017 summary was never issued, we decided to try to fill in the gap as best as possible this year. There is no separation in the records here; they are simply all included as usual. We have followed the same pattern for the summary that we used last year: 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 still 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 (click the following link for: [The Lepidopterists' Society Season Summary SCAN Database](#)).

For the coming year, we are welcoming 4 new zone coordinators. Our new coordinators are: André Langlois for Zone 1 (Far North), Stuart Marcus for Zone 6 (Texas), Kyle Johnson for Zone 7 (Ontario and Quebec), and Eric Olson for Zone 8 (Midwest). Many thanks to the outgoing coordinators of these zones; several had served for multiple years. We again 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 Pippen

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: André Langlois

No report for Zone 1.

Zone 2: Pacific Northwest: British Columbia, Idaho, Oregon, Washington
Coordinator: Jon H. Shepard

Contributors: Janice Arndt (JEA), John Baumann (JB3), Cheryl Bellin (CB), Jeanne Dammerell (JD2), Patricia Morgan-Hodge (PRM), Michael L. Leski (MLL), Ben R. Mous (BRM), Jon Shepard (JHS), Melanie Weiss (MW1)

No written summary was provided.

RECORDS:

British Columbia:

Hesperiidae:

Hesperia juba, Okanagan-Similkameen, Strawberry Creek Rd, 15 Oct 2018, BRM
Polites sabuleti, Okanagan-Similkameen, Okanagan River near Ryegrass Rd, 930', 15 Oct 2018, BRM

Lycaenidae:

Celastrina echo, Central Kootenay, Apex wetlands, 14 Aug 2019, JEA, 49.406N, -117.210W, 920m
Plebejus lupini, Okanagan-Similkameen, Black Sage Rd, 15 Oct 2018, BRM

Noctuidae:

Autographa californica, Central Kootenay, Apex wetlands, 3 Sep 2019, JEA, 49.406N, -117.210W, 920m
Autographa californica, Central Kootenay, Nelson, north shore, 2 Jul & 23 Oct 2019, JEA, 49.521N -117.281W, 590m

Nymphalidae:

Nymphalis californica, Central Kootenay, Nelson, north shore, 23 Oct 2019, JEA, 49.521N -117.281W, 590m
Nymphalis vau-album, Central Kootenay, Nelson, north shore, 20 Nov 2019, JEA, 49.518N, -117.286W, 625m, late
Phyciodes cocyta, Central Kootenay, Nelson, north shore, 25 Sep 2019, JEA, 49.518N, -117.286W, 625m, late
Vanessa cardui, Central Kootenay, Apex wetlands, 22 Jul-3 Sep 2019, JEA, 49.406N, -117.210W, 920m
Vanessa cardui, Central Kootenay, Connor Creek Forest Service Rd, 31 Aug 2019, JEA, 49.437N, -117.481W, 815m
Vanessa cardui, Central Kootenay, Nelson, north shore, 15 May & 6 Oct 2019, JEA, 49.521N -117.281W, 590m

Sphingidae:

Hemaris thetis, Central Kootenay, Nelson, north shore, 29 Jul 2019, JEA, 49.521N -117.281W, 590m, late

Idaho:

Hesperiidae:

Hesperia colorado, Lemhi Co., Bannock Pass, 30 Jul 2019, MLL
Hesperia juba, **Bonneville Co.**, Pine Creek, near parking lot at end of access road, 13 Aug 2019, MLL
Ochlodes sylvanoides, Boise Co., NF rd 327 near NR rd 310, 15 Aug 2019, MLL
Ochlodes sylvanoides, Caribou Co., Gravel Creek Campground, 14 Aug 2019, MLL
Ochlodes sylvanoides, Idaho Co., ID 14 at Crooked River Rd, 17 Aug 2019, MLL
Ochlodes sylvanoides, **Lemhi Co.**, Bannock Pass, 30 Jul 2019, MLL
Piruna pirus, **Bonneville Co.**, Pine Creek, near parking lot at end of access road, 13 Aug 2019, MLL

Lycaenidae:

Lycaena editha, **Boise Co.**, NF rd 327 near NR rd 310, 15 Aug 2019, MLL
Lycaena editha, Valley Co., NF rd 409 near NR rd 409E, 16 Aug 2019, MLL
Lycaena helloides, **Bonneville Co.**, Pine Creek, near parking lot at end of access road, 13 Aug 2019, MLL
Lycaena heteronea, Bonneville Co., Pine Creek, near parking lot at end of access road, 29 Jul 2019, MLL
Lycaena heteronea, Lemhi Co., Bannock Pass, 30 Jul 2019, MLL
Lycaena mariposa penroseae, **Bonneville Co.**, Pine Creek, near parking lot at end of access road, 29 Jul 2019, MLL
Lycaena mariposa penroseae, **Lemhi Co.**, Bannock Pass, 30 Jul 2019, MLL
Lycaena mariposa penroseae, Valley Co., NF rd 409 near NR rd 409E, 16 Aug 2019, MLL
Lycaena nivalis, Valley Co., NF rd 409 near NR rd 409E, 16 Aug 2019, MLL
Plebejus melissa, **Bonneville Co.**, Pine Creek, near parking lot at end of access road, 13 Aug 2019, MLL
Plebejus melissa, Lemhi Co., Bannock Pass, 30 Jul 2019, MLL

Satyrium saepium, **Boise Co.**, NF rd 327 near NR rd 310, 15 Aug 2019, MLL
Satyrium saepium, **Lemhi Co.**, Bannock Pass, 30 Jul 2019, MLL
Satyrium saepium, **Valley Co.**, NF rd 409 near NR rd 409E, 16 Aug 2019, MLL

Nymphalidae:

Cercyonis oetus charon, Idaho Co., ID 14 at Crooked River Rd, 17 Aug 2019, MLL
Cercyonis oetus charon, Valley Co., NF rd 409 near NR rd 409E, 16 Aug 2019, MLL
Cercyonis pegala, Boise Co., NF rd 327 near NR rd 310, 15 Aug 2019, MLL
Cercyonis pegala, Bonneville Co., Pine Creek, near parking lot at end of access road, 29 Jul-13 Aug 2019, MLL
Cercyonis pegala, Caribou Co., Gravel Creek Campground, 14 Aug 2019, MLL
Cercyonis pegala, Idaho Co., Imnamatnoon Creek at US 12, 31 Jul-23 Aug 2019, MLL
Cercyonis pegala, Idaho Co., ID 14 at Crooked River Rd, 17 Aug 2019, MLL
Cercyonis pegala, Lemhi Co., Bannock Pass, 30 Jul 2019, MLL
Cercyonis pegala, **Valley Co.**, NF rd 409 near NR rd 409E, 16 Aug 2019, MLL
Coenonympha haydenii, Bonneville Co., Pine Creek, near parking lot at end of access road, 29 Jul 2019, MLL
Coenonympha tullia, Valley Co., NF rd 409 near NR rd 409E, 16 Aug 2019, MLL
Limenitis archippus, **Bonneville Co.**, Pine Creek, near parking lot at end of access road, 13 Aug 2019, MLL
Limenitis lorquini, Boise Co., NF rd 327 near NR rd 310, 15 Aug 2019, MLL
Limenitis lorquini, Idaho Co., Imnamatnoon Creek at US 12, 31 Jul 2019, MLL
Limenitis lorquini, Lemhi Co., Bannock Pass, 30 Jul 2019, MLL
Limenitis weidemeyerii latifascia, **Caribou Co.**, Gravel Creek Campground, 14 Aug 2019, MLL
Neominois ridingsii, Lemhi Co., Bannock Pass, 30 Jul 2019, MLL
Nymphalis californica, Boise Co., NF rd 327 near NR rd 310, 15 Aug 2019, MLL
Nymphalis californica, **Caribou Co.**, Gravel Creek Campground, 14 Aug 2019, MLL
Nymphalis californica, **Valley Co.**, NF rd 409 near NR rd 409E, 16 Aug 2019, MLL
Phyciodes pulchella camillus, Idaho Co., Imnamatnoon Creek at US 12, 31 Jul 2019, MLL
Phyciodes pulchella camillus, Lemhi Co., Bannock Pass, 30 Jul 2019, MLL
Polygonia faunus, Boise Co., NF rd 327 near NR rd 310, 15 Aug 2019, MLL
Polygonia faunus, **Bonneville Co.**, Pine Creek, near parking lot at end of access road, 13 Aug 2019, MLL
Polygonia faunus, **Caribou Co.**, Gravel Creek Campground, 14 Aug 2019, MLL
Polygonia faunus, Idaho Co., Imnamatnoon Creek at US 12, 23 Aug 2019, MLL
Polygonia faunus, Valley Co., NF rd 409 near NR rd 409E, 16 Aug 2019, MLL
Polygonia gracilis zephyrus, Boise Co., NF rd 327 near NR rd 310, 15 Aug 2019, MLL
Polygonia gracilis zephyrus, **Bonneville Co.**, Pine Creek, near parking lot at end of access road, 13 Aug 2019, MLL
Polygonia gracilis zephyrus, Valley Co., NF rd 409 near NR rd 409E, 16 Aug 2019, MLL
Polygonia oreas threatfuli, **Boise Co.**, NF rd 327 near NR rd 310, 15 Aug 2019, MLL
Polygonia oreas threatfuli, Idaho Co., Imnamatnoon Creek at US 12, 31 Jul 2019, MLL
Polygonia satyrus, Boise Co., NF rd 327 near NR rd 310, 15 Aug 2019, MLL
Polygonia satyrus, **Caribou Co.**, Gravel Creek Campground, 14 Aug 2019, MLL
Polygonia satyrus, Idaho Co., Imnamatnoon Creek at US 12, 23 Aug 2019, MLL
Speyeria coronis snyderi, Boise Co., NF rd 327 near NR rd 310, 15 Aug 2019, MLL
Speyeria coronis snyderi, **Bonneville Co.**, Pine Creek, near parking lot at end of access road, 29 Jul-13 Aug 2019, MLL
Speyeria coronis snyderi, **Caribou Co.**, Gravel Creek Campground, 14 Aug 2019, MLL
Speyeria cybele, **Caribou Co.**, Gravel Creek Campground, 14 Aug 2019, MLL
Speyeria cybele leto, Boise Co., NF rd 327 near NR rd 310, 15 Aug 2019, MLL
Speyeria cybele leto, **Bonneville Co.**, Pine Creek, near parking lot at end of access road, 29 Jul-13 Aug 2019, MLL
Speyeria cybele leto, Idaho Co., Imnamatnoon Creek at US 12, 31 Jul-23 Aug 2019, MLL
Speyeria cybele leto, Idaho Co., ID 14 at Crooked River Rd, 17 Aug 2019, MLL
Speyeria hesperis, Bonneville Co., Pine Creek, near parking lot at end of access road, 29 Jul 2019, MLL
Speyeria hesperis, Caribou Co., Gravel Creek Campground, 14 Aug 2019, MLL
Speyeria hesperis, Lemhi Co., Bannock Pass, 30 Jul 2019, MLL
Speyeria hesperis, Valley Co., NF rd 409 near NR rd 409E, 16 Aug 2019, MLL
Speyeria hydaspe, Boise Co., NF rd 327 near NR rd 310, 15 Aug 2019, MLL
Speyeria hydaspe, **Bonneville Co.**, Pine Creek, near parking lot at end of access road, 29 Jul-13 Aug 2019, MLL
Speyeria hydaspe, **Caribou Co.**, Gravel Creek Campground, 14 Aug 2019, MLL
Speyeria hydaspe, Idaho Co., ID 14 at Crooked River Rd, 17 Aug 2019, MLL
Speyeria hydaspe, Lemhi Co., Bannock Pass, 30 Jul 2019, MLL
Speyeria hydaspe, Valley Co., NF rd 409 near NR rd 409E, 16 Aug 2019, MLL
Speyeria mormonia, Bonneville Co., Pine Creek, near parking lot at end of access road, 29 Jul-13 Aug 2019, MLL
Speyeria mormonia, Valley Co., NF rd 409 near NR rd 409E, 16 Aug 2019, MLL
Speyeria zerene, Boise Co., NF rd 327 near NR rd 310, 15 Aug 2019, MLL
Speyeria zerene, **Caribou Co.**, Gravel Creek Campground, 14 Aug 2019, MLL
Speyeria zerene, Idaho Co., Imnamatnoon Creek at US 12, 31 Jul 2019, MLL
Vanessa atalanta rubria, **Bonneville Co.**, Pine Creek, near parking lot at end of access road, 29 Jul 2019, MLL
Vanessa cardui, Caribou Co., Gravel Creek Campground, 14 Aug 2019, MLL
Vanessa cardui, Idaho Co., Imnamatnoon Creek at US 12, 23 Aug 2019, MLL
Vanessa cardui, Valley Co., NF rd 409 near NR rd 409E, 16 Aug 2019, MLL

Papilionidae:

Papilio zelicaon, Bonneville Co., Pine Creek, near parking lot at end of access road, 29 Jul 2019, MLL

Pieridae:

Colias philodice eriphyle, Valley Co., NF rd 409 near NR rd 409E, 16 Aug 2019, MLL
Neophasia menapia tau, Boise Co., NF rd 327 near NR rd 310, 15 Aug 2019, MLL
Neophasia menapia tau, **Caribou Co.**, Gravel Creek Campground, 14 Aug 2019, MLL
Neophasia menapia tau, Idaho Co., Imnamatnoon Creek at US 12, 23 Aug 2019, MLL
Neophasia menapia tau, **Valley Co.**, NF rd 409 near NR rd 409E, 16 Aug 2019, MLL
Pieris marginalis, Boise Co., NF rd 327 near NR rd 310, 15 Aug 2019, MLL

Oregon:**Lycaenidae:**

Callophrys augustinus, Wallowa Co., Wenaha River Trail, 26 Apr 2019, BRM
Callophrys eryphon, Wallowa Co., Wenaha River Trail, 26 Apr 2019, BRM
Callophrys mossii, Wallowa Co., Wallowa Lake west side, 23 Apr 2019, BRM
Callophrys mossii, Wallowa Co., FR 46 nr. Hwy 3, 22 Apr 2019, BRM
Callophrys sheridani, Wallowa Co., Zumwalt-Buckhorn Rd south of Pine Creek Rd, 21 Apr 2019, BRM
Callophrys sheridani, Wallowa Co., Wallowa Lake west side, 23 Apr 2019, BRM
Celastrina echo, Wallowa Co., Wenaha River Trail, 26 Apr 2019, BRM
Celastrina echo, Wallowa Co., Imnaha Trail #1713 to Eureka Bar, 25 Apr 2019, BRM
Glaucopsyche lygdamus, Wallowa Co., Imnaha Trail #1713 to Eureka Bar, 25 Apr 2019, BRM
Satyrrium saepium saepium, Umatilla Co., Tiger Creek Rd (NR 65) near NF 39, 18 Aug 2019, MLL

Nymphalidae:

Coenonympha tullia, Wallowa Co., Imnaha Trail #1713 to Eureka Bar, 25 Apr 2019, BRM
Nymphalis antiopa, Wallowa Co., Wallowa Lake west side, 23 Apr 2019, BRM
Nymphalis antiopa, Wallowa Co., Wallowa Lake Trailhead, 23 Apr 2019, BRM
Nymphalis antiopa, Wallowa Co., Imnaha Trail #1713 to Eureka Bar, 25 Apr 2019, BRM
Nymphalis californica, Wallowa Co., Wallowa Lake west side, 23 Apr 2019, BRM
Nymphalis californica, Wallowa Co., Wallowa Lake Trailhead, 23 Apr 2019, BRM
Nymphalis californica, Wallowa Co., FR 46 nr. Hwy 3, 22 Apr 2019, BRM
Phyciodes mylitta, Wallowa Co., Wenaha River Trail, 26 Apr 2019, BRM
Phyciodes mylitta, Wallowa Co., Imnaha Trail #1713 to Eureka Bar, 25 Apr 2019, BRM
Polygonia gracilis zephyrus, Union Co., Tiger Creek Rd (NR 65) near WA state border, 18 Aug 2019, MLL
Polygonia gracilis zephyrus, Wallowa Co., Wallowa Lake Trailhead, 23 Apr 2019, BRM
Polygonia satyrus, Wallowa Co., Wallowa Lake Trailhead, 23 Apr 2019, BRM
Speyeria cybele leto, Umatilla Co., Tiger Creek Rd (NR 65) near NF 39, 18 Aug 2019, MLL
Speyeria hydaspes rhodope, Umatilla Co., Tiger Creek Rd (NR 65) near NF 39, 18 Aug 2019, MLL
Speyeria zerene picta, Umatilla Co., Tiger Creek Rd (NR 65) near NF 39, 18 Aug 2019, MLL
Vanessa cardui, Wallowa Co., Wenaha River Trail, 26 Apr 2019, BRM
Vanessa cardui, Wallowa Co., Imnaha Trail #1713 to Eureka Bar, 25 Apr 2019, BRM

Papilionidae:

Papilio zelicaon, Wallowa Co., Imnaha Trail #1713 to Eureka Bar, 25 Apr 2019, BRM

Pieridae:

Anthocharis julia, Wallowa Co., Wenaha River Trail, 26 Apr 2019, BRM
Anthocharis julia, Wallowa Co., Imnaha Trail #1713 to Eureka Bar, 25 Apr 2019, BRM
Euchloe ausonides, Wallowa Co., Imnaha Trail #1713 to Eureka Bar, 25 Apr 2019, BRM
Pieris marginalis, Wallowa Co., Imnaha Trail #1713 to Eureka Bar, 25 Apr 2019, BRM
Pontia beckerii, Wallowa Co., Imnaha Trail #1713 to Eureka Bar, 25 Apr 2019, BRM
Pontia sisymbrii, Wallowa Co., Imnaha Trail #1713 to Eureka Bar, 25 Apr 2019, BRM

Washington:**Adelidae:**

Adela septentrionella, San Juan Co., Mount Constitution, Orcas Island, 30 May 2016, PRM
Adela septentrionella, San Juan Co., West Beach, Orcas Island, 26 May 2018, PRM

Crambidae:

Herpetogramma pertextalis, **San Juan Co.**, West Beach, Orcas Island, 21 Aug 2019, PRM

Erebidae:

Catocala relictata, **San Juan Co.**, Josephine's Ranch, Orcas Island, 11 Aug 2019, PRM
Cisseps fulvicollis, **San Juan Co.**, West Beach, Orcas Island, 6 Aug 2019, PRM
Hypena decorata, San Juan Co., Ship Bay, Orcas Island, 13 Aug 2018, PRM
Hypena humuli, San Juan Co., Orcas Island, 30 Oct 2018, PRM
Hyphantria cunea, **San Juan Co.**, West Beach, Orcas Island, 17 Sep 2018, PRM

Orgyia antiqua, **San Juan Co.**, West Beach, Orcas Island, 16 Jul 2019, PRM, larva on hemlock

Geometridae:

Hemithea aestivaria, **San Juan Co.**, West Beach, Orcas Island, 27 Jun 2019, PRM, possible **State record**
Mesoleuca gratulata, **San Juan Co.**, West Beach, Orcas Island, 4 Apr 2019, PRM
Mesoleuca ruficiliata, **San Juan Co.**, West Beach, Orcas Island, 1 Aug 2019, PRM

Hesperiidae:

Amblyscirtes vialis, Lincoln Co., Tamarack Canyon Rd, 4 Jun 2019, JD2
Burnsius communis, Lincoln Co., Twin Lakes USBLM, 28 May-26 Aug 2019, JD2
Carterocephalus palaemon, **Lincoln Co.**, Tamarack Canyon Rd, 19 May-4 Jun 2019, JD2
Carterocephalus palaemon, Spokane Co., Mullen Hill, 16 May 2019, JD2
Heliopetes ericetorum, Lincoln Co., Twin Lakes USBLM, 30 Jun-7 Jul 2019, JD2
Hesperia colorado, Lincoln Co., Twin Lakes USBLM, 28 Jul 2019, JD2
Hesperia colorado hurbirti, Mason Co., Mt. Ellinor, 5000-6000', 28 Jul 2018, BRM
Hesperia colorado manitoba, Chelan Co., Minotaur Lake, 7 Aug 2019, BRM
Hesperia colorado manitoba, King Co., Pacific Crest Trail, 5580', 31 Jul 2019, BRM, 47.451N 121.3789W
Hesperia colorado manitoba, Kittitas Co., Alta Mountain, 6150-6200', 14 Aug 2019, BRM
Hesperia colorado oregonia, **San Juan Co.**, Mount Constitution, Orcas Island, 15 Aug-6 Sep 2019, PRM
Hesperia juba, Lincoln Co., Twin Lakes USBLM, 28 May & 12 Sep 2019, JD2
Hesperia juba, Lincoln Co., Mayberry Rd, 20 Aug 2019, JD2
Hesperia juba, Lincoln Co., Fishtrap USBLM, 3 Sep 2019, JD2
Hesperia juba, Lincoln Co., Fishtrap, 9 Jun 2019, JD2
Hesperia juba, Lincoln Co., Coffeepot Lake USBLM, 28 May & 23 Aug-25 Sep 2019, JD2
Oarisma garita, **Lincoln Co.**, Fishtrap Lake, 2125', 2 Jun 2019, JB3
Oarisma garita, Lincoln Co., Upper Crab Creek, 1823', 14 Jun 2019, MW1
Ochlodes sylvanoides, Columbia Co., Tiger Creek Rd (NF 65) near NF 40, 18 Aug 2019, MLL
Ochlodes sylvanoides, Lincoln Co., Twin Lakes USBLM, 28 Jul-20 Aug 2019, JD2
Ochlodes sylvanoides, Lincoln Co., Mayberry Rd, 20 Aug 2019, JD2
Ochlodes sylvanoides, Lincoln Co., Coffeepot Lake USBLM, 26 Aug 2019, JD2
Ochlodes sylvanoides, **San Juan Co.**, West Beach, Orcas Island, 31 Jul-29 Aug 2019, PRM
Ochlodes sylvanoides, **San Juan Co.**, Mount Constitution, Orcas Island, 15 Aug-4 Sep 2019, PRM
Polites mystic, Lincoln Co., Upper Crab Creek, 1823', 14 Jun 2019, MW1
Polites peckius, Lincoln Co., Fishtrap Lake, 2000', 7 Jul 2019, JB3, 47.320N 117.840W
Polites sabuleti, Lincoln Co., Twin Lakes USBLM, 15 Jun & 16-20 Aug 2019, JD2
Polites sabuleti, Lincoln Co., Coffeepot Lake USBLM, 28 May 2019, JD2
Polites sonora sonora, Yakima Co., Henskin Lake Trail, 20 Aug 2019, BRM
Thymelicus lineola, Pend Oreille Co., Bartlette Rd, 2860', 1 Jul 2019, JB3, 48.2679N 117.421W

Lycaenidae:

Agriades glandon megalo, King Co., Pacific Crest Trail, 5280', 31 Jul 2019, BRM, 47.4546N 121.3757W
Agriades glandon megalo, King Co., Kelly Butte Trail, 4860', 8 Jul 2018, BRM
Agriades glandon megalo, **Mason Co.**, Mt. Ellinor, 5000-6000', 28 Jul 2018, BRM
Agriades glandon megalo, Pierce Co., Sun Top Lookout, 5080-5270', 12 Aug 2015, BRM
Agriades glandon megalo, Yakima Co., Sheep Lake Trail, 5765', 22 Jul 2018, BRM
Agriades glandon megalo, Yakima Co., Henskin Lake Trail, 20 Aug 2019, BRM
Callophrys affinis, Spokane Co., Hog Lake USBLM, 13 May 2019, JD2
Callophrys augustinus, Lincoln Co., Martin Canyon Rd, 10 May 2019, JD2
Callophrys eryphon, Spokane Co., Turnbull NWR, 24 Apr-19 May 2019, JD2
Callophrys eryphon, Spokane Co., Mullen Hill, 13 May 2019, JD2
Callophrys gryneus plactaria, **San Juan Co.**, West Beach, Orcas Island, 29 May 2019, PRM
Callophrys mossii, Okanogan Co., Slate Peak Rd, parking area, 7156', 17 Jun 2019, CB, range extension
Callophrys mossii, Spokane Co., Riverside State Park, 1872', 21 Apr 2019, JB3
Callophrys sheridani, Asotin Co., Shumaker Rd at Grande Ronde River, 1130', 24 Apr 2019, BRM
Callophrys sheridani, Okanogan Co., Lookout Mountain, summit, 5500', 8 Jul 2012, CB
Callophrys sheridani, Spokane Co., Turnbull NWR, 24 Apr 2019, JD2
Callophrys sheridani, Spokane Co., Eagle Crest, Mt. Spokane State Park, 4870', 27 May 2019, JB3
Callophrys spinetorum, Spokane Co., Mullen Hill, 21 Jul 2019, JD2
Callophrys spinetorum, Spokane Co., Little Spokane Natural Area, 11 May 2019, CB
Celastrina echo, Lincoln Co., Martin Canyon Rd, 10 May 2019, JD2
Celastrina echo, Mason Co., Mt. Ellinor, 5000-6000', 28 Jul 2018, BRM
Celastrina echo, **San Juan Co.**, West Beach, Orcas Island, 21 May 2019, PRM
Celastrina echo, **San Juan Co.**, Friday Harbor Labs, San Juan Island, 11 May 2019, PRM
Celastrina echo, Spokane Co., Turnbull NWR, 24 Apr 2019, JD2
Celastrina echo, Spokane Co., Mullen Hill, 23 Apr 2019, JD2
Cupido amyntula, Spokane Co., Mullen Hill, 12 May 2019, JD2
Cupido comyntas, Lincoln Co., Fishtrap Lake, 2000', 7 Jul 2019, JB3, 47.320N 117.840W
Cupido comyntas, Spokane Co., Turnbull NWR, 4 May 2019, JB3
Cupida comyntas, Spokane Co., Nine Mile Falls area, 1600', 25 Aug 2019, JB3

Euphilotes battoides, Lincoln Co., Twin Lakes USBLM, 15 Jun-2 Jul 2019, JD2
Euphilotes battoides, Lincoln Co., Long Lake Dam, 14 Jun 2019, JD2
Euphilotes battoides, Spokane Co., Hog Lake USBLM, 13 May 2019, JD2
Glaucopsyche lygdamus, Lincoln Co., Martin Canyon Rd, 10 May 2019, JD2
Glaucopsyche lygdamus, Mason Co., Mt. Ellinor, 5000-6000', 28 Jul 2018, BRM
Glaucopsyche lygdamus, Spokane Co., Mullen Hill, 12 May 2019, JD2
Glaucopsyche lygdamus, Spokane Co., Hog Lake USBLM, 13 May 2019, JD2
Glaucopsyche piasus, Lincoln Co., Twin Lakes USBLM, 28 May-15 Jun 2019, JD2
Glaucopsyche piasus, Lincoln Co., Tamarack Canyon Rd, 19 May 2019, JD2
Glaucopsyche piasus, Lincoln Co., Martin Canyon Rd, 10 May 2019, JD2
Glaucopsyche piasus, Lincoln Co., Coffeepot Lake USBLM, 28 May 2019, JD2
Lycaena editha, Columbia Co., Tiger Creek Rd (NF 65) near NF 40, 18 Aug 2019, MLL
Lycaena editha, Pend Oreille Co., Bartlette Rd, 2860', 1 Jul 2019, JB3, 48.2679N 117.421W
Lycaena helloides, Lincoln Co., Twin Lakes USBLM, 28 May-15 Jun & 28 Jul-16 Aug 2019, JD2
Lycaena helloides, Lincoln Co., Tamarack Canyon Rd, 4 Jun 2019, JD2
Lycaena helloides, Lincoln Co., Coffeepot Lake USBLM, 3-21 Sep 2019, JD2
Lycaena helloides, Spokane Co., Hog Lake USBLM, 30 May 2019, JD2
Lycaena heteronea, Columbia Co., Tiger Creek Rd (NF 65) near NF 40, 18 Aug 2019, MLL
Lycaena heteronea, Lincoln Co., Twin Lakes USBLM, 15 Jun-2 Jul 2019, JD2
Lycaena heteronea, Lincoln Co., Fishtrap, 9 Jun 2019, JD2
Lycaena mariposa penroseae, Columbia Co., North Touchet Rd at Bluestem Ski Resort Rd, 18-19 Aug 2019, MLL
Lycaena mariposa, Mason Co., Mt. Ellinor, 5000-6000', 28 Jul 2018, BRM
Lycaena nivalis, **Mason Co.**, Mt. Ellinor, 5000-6000', 28 Aug 2017, BRM
Plebejus acmon, Lincoln Co., Twin Lakes USBLM, 28 May-26 Aug 2019, JD2
Plebejus acmon, Lincoln Co., Tamarack Canyon Rd, 19 May 2019, JD2
Plebejus acmon, Lincoln Co., Coffeepot Lake USBLM, 26 Aug-25 Sep 2019, JD2
Plebejus icarioides, Lincoln Co., Twin Lakes USBLM, 28 May-15 Jun 2019, JD2
Plebejus icarioides, Lincoln Co., Tamarack Canyon Rd, 19 May-4 Jun 2019, JD2
Plebejus icarioides, Lincoln Co., Martin Canyon Rd, 10 May 2019, JD2
Plebejus icarioides, Mason Co., Mt. Ellinor, 5000-6000', 28 Jul 2018, BRM
Plebejus icarioides, Spokane Co., Hog Lake USBLM, 30 May 2019, JD2
Plebejus lupini, Yakima Co., Sheep Lake, 5730', 22 Jul 2018, BRM
Plebejus melissa, Columbia Co., North Touchet Rd at Bluestem Ski Resort Rd, 18-19 Aug 2019, MLL
Plebejus melissa, Lincoln Co., Twin Lakes USBLM, 28 May & 12 Sep 2019, JD2
Plebejus melissa, Lincoln Co., Rieber Rd, 16 Aug 2019, JD2
Plebejus melissa, Spokane Co., Hog Lake USBLM, 2 Jun 2019, JD2
Plebejus saepiolus, **Lincoln Co.**, Fishtrap Lake, 2125', 2 Jun 2019, JB3
Plebejus saepiolus, Lincoln Co., Twin Lakes USBLM, 15-30 Jun 2019, JD2
Satyrium auretorum, **Kickat Co.**, Horseshoe Bend Rd, 5 Jun 2018, JHS, leg. Dennis Deck, **State record**
Satyrium auretorum, Kickat Co., Kickat River, Fishon Rd, 2-4 Jun 2019, JHS, leg. Dennis Deck
Satyrium behrii, Lincoln Co., Long Lake Dam, 14 Jun 2019, JD2
Satyrium saepium, Chelan Co., Stehekin Vally Rd, 1505', 9 Jul 2019, CB
Satyrium saepium, Chelan Co., Agnes Gorge trailhead, 1640', 9 Jul 2019, CB
Satyrium saepium, Ferry Co., Bangs Mountain Rd, 2880', 1 Jul 2019, JB3, WBA group
Strymon melinus, Columbia Co., North Touchet Rd at Bluestem Ski Resort Rd, 18 Aug 2019, MLL
Strymon melinus, Lincoln Co., Twin Lakes USBLM, 22 Jun-26 Aug 2019, JD2
Strymon melinus, Lincoln Co., Coffeepot Lake USBLM, 3 Sep 2019, JD2

Noctuidae:

Autographa californica, San Juan Co., West Beach, Orcas Island, 20 Sep 2019, PRM
Autographa californica, San Juan Co., Mount Constitution, Orcas Island, 20 Sep 2019, PRM
Noctua pronuba, San Juan Co., West Beach, Orcas Island, 20 Sep 2019, PRM
Sunira decipiens, **San Juan Co.**, West Beach, Orcas Island, 16 Sep 2019, PRM

Notodontidae:

Schizura ipomaeae, San Juan Co., West Beach, Orcas Island, 9 Aug 2019, PRM

Nymphalidae:

Aglais milberti, San Juan Co., West Beach, Orcas Island, 13 Jun 2019, PRM
Boloria chariclea, **King Co.**, Pacific Crest Trail, 5580', 31 Jul 2019, BRM, 47.451N 121.3789W
Boloria epithore, Mason Co., Mt. Ellinor, 5000-6000', 28 Jul 2018, BRM
Boloria freija, Okanogan Co., Bernhardt Mine trailhead, 5758', 20 Jun 2019, CB
Boloria selene, Lincoln Co., Upper Crab Creek, 1823', 14 Jun 2019, MW1
Boloria selene, Lincoln Co., Fishtrap Lake, 2000', 7 Jul 2019, JB3, 47.325N 117.8367W
Boloria selene, Spokane Co., Turnbull NWR, 2275', 25 Jul 2019, JB3, from Tom Munson, 47.4185N 117.5596W
Cercyonis oetus, Lincoln Co., Twin Lakes USBLM, 15 Jun 2019, JD2
Cercyonis pegala, Columbia Co., North Touchet Rd at Bluestem Ski Resort Rd, 19 Aug 2019, MLL
Cercyonis pegala, Lincoln Co., Twin Lakes USBLM, 28 Jul 2019, JD2
Cercyonis pegala, Lincoln Co., Coffeepot Lake USBLM, 2 Jul 2019, JD2

Cercyonis pegala incana, Pierce Co., Sun Top Lookout, 5080-5270', 12 Aug 2015, BRM
Cercyonis oetus, Lincoln Co., Twin Lakes USBLM, 15 Jun 2019, JD2
Chlosyne hoffmanni, Okanogan Co., Trailhead to Lookout Mt, 4390', 8 Jul 2008, CB
Coenonympha tullia, Lincoln Co., Twin Lakes USBLM, 28 May-15 Jun 2019, JD2
Coenonympha tullia, Lincoln Co., Tamarack Canyon Rd, 19 May-4 Jun 2019, JD2
Coenonympha tullia, Lincoln Co., Mayberry Rd, 20 Aug 2019, JD2
Coenonympha tullia, Lincoln Co., Coffeepot Lake USBLM, 25 Sep 2019, JD2
Coenonympha tullia, Spokane Co., Hog Lake USBLM, 30 May 2019, JD2
Erebia vidleri, King Co., Pacific Crest Trail, 5240', 31 Jul 2019, BRM, 47.4445N 121.3869W
Erebia vidleri, Mason Co., Mt. Ellinor, 5000-6000', 28 Jul 2018, BRM
Euphydryas colon, Mason Co., Mt. Ellinor, 5000-6000', 28 Jul 2018, BRM
Limenitis lorquini, Lincoln Co., Tamarack Canyon Rd, 4 Jun 2019, JD2
Limenitis lorquini, Lincoln Co., Long Lake Dam, 14 Jun 2019, JD2
Limenitis lorquini, Okanogan Co., Twisp Pass Trail trailhead, 20 Aug 2019, MLL
Limenitis lorquini, Spokane Co., Hog Lake USBLM, 2 Jun 2019, JD2
Limenitis lorquini ilagae, San Juan Co., West Beach, Orcas Island, 4 Jul 2019, PRM, laid egg on *Cotoneaster*
Limenitis lorquini itelkae, Columbia Co., North Touchet Rd at Bluestem Ski Resort Rd, 18-19 Aug 2019, MLL
Nymphalis antiopa, Lincoln Co., Tamarack Canyon Rd, 19 May 2019, JD2
Nymphalis antiopa, Lincoln Co., Hawk Creek Rd, 31 Mar 2019, JD2
Nymphalis antiopa, Lincoln Co., Davenport, 16 Jul 2019, JD2
Nymphalis antiopa, Spokane Co., Mullen Hill, 21 Jul 2019, JD2
Nymphalis antiopa, Spokane Co., Hog Lake USBLM, 22 Apr 2019, JD2
Nymphalis californica, Columbia Co., North Touchet Rd at Bluestem Ski Resort Rd, 18-19 Aug 2019, MLL
Nymphalis californica, Lincoln Co., Davenport, 25 Sep 2019, JD2
Nymphalis californica, Okanogan Co., Twisp Pass Trail trailhead, 20 Aug 2019, MLL
Nymphalis californica, Spokane Co., Hog Lake USBLM, 22 Apr-2 Jun 2019, JD2
Nymphalis l-album, Ferry Co., Bangs Mountain Rd, 2826', 2 Aug 2019, JB3, from Mary Schu
Oeneis nevadensis, Okanogan Co., Lookout Mountain, summit, 5500', 13 Jul 2012, CB
Phyciodes cocyta, Lincoln Co., Tamarack Canyon Rd, 4 Jun 2019, JD2
Phyciodes cocyta, Lincoln Co., Fishtrap Lake, 2000', 7 Jul 2019, JB3, 47.320N 117.840W
Phyciodes mylitta, Lincoln Co., Whitaker Lake Rd, 23 Aug 2019, JD2
Phyciodes mylitta, Lincoln Co., Twin Lakes USBLM, 28 May-28 Jul 2019, JD2
Phyciodes mylitta, Lincoln Co., Coffeepot Lake USBLM, 2 Jul-21 Sep 2019, JD2
Phyciodes mylitta, Spokane Co., Hog Lake USBLM, 13 May 2019, JD2
Phyciodes pulchella, Mason Co., Mt. Ellinor, 5000-6000', 28 Jul 2018, BRM
Polygonia faunus, Columbia Co., North Touchet Rd at Bluestem Ski Resort Rd, 18-19 Aug 2019, MLL
Polygonia faunus, Okanogan Co., Twisp Pass Trail trailhead, 20 Aug 2019, MLL
Polygonia gracilis zephyrus, Columbia Co., North Touchet Rd at Bluestem Ski Resort Rd, 19 Aug 2019, MLL
Polygonia oreas, Columbia Co., North Touchet Rd at Bluestem Ski Resort Rd, 18-19 Aug 2019, MLL
Polygonia satyrus, Columbia Co., North Touchet Rd at Bluestem Ski Resort Rd, 18-19 Aug 2019, MLL
Polygonia satyrus, Okanogan Co., Twisp Pass Trail trailhead, 20 Aug 2019, MLL
Polygonia satyrus, San Juan Co., West Beach, Orcas Island, 19 Mar & 10 Oct 2019, PRM
Polygonia satyrus, San Juan Co., Moran State Park, Orcas Island, 19 Jun 2019, PRM
Polygonia satyrus, Spokane Co., Mullen Hill, 24 Sep 2019, JD2
Speyeria callippe, Lincoln Co., Upper Crab Creek, 1823', 14 Jun 2019, MW1
Speyeria callippe, Lincoln Co., Twin Lakes USBLM, 15 Jun-28 Jul 2019, JD2
Speyeria cybele, Lincoln Co., Twin Lakes USBLM, 20 Jul 2019, JD2
Speyeria cybele leto, Columbia Co., North Touchet Rd at Bluestem Ski Resort Rd, 19 Aug 2019, MLL
Speyeria hydaspe, Mason Co., Mt. Ellinor, 5000-6000', 28 Jul 2018, BRM
Speyeria zerene, Lincoln Co., Whitaker Lake Rd, 23 Aug 2019, JD2
Speyeria zerene, Lincoln Co., Twin Lakes USBLM, 2 Jul 2019, JD2
Speyeria zerene, Lincoln Co., Long Lake Dam, 14 Jun 2019, JD2
Speyeria zerene, Lincoln Co., Davenport, 21 Sep 2019, JD2
Speyeria zerene, Lincoln Co., Coffeepot Lake USBLM, 2 Jul 2019, JD2
Speyeria zerene, Spokane Co., Mullen Hill, 21 Jul 2019, JD2
Speyeria zerene picta, Columbia Co., North Touchet Rd at Bluestem Ski Resort Rd, 19 Aug 2019, MLL
Vanessa atalanta, Lincoln Co., Davenport, 16-22 Sep 2019, JD2
Vanessa cardui, Columbia Co., North Touchet Rd at Bluestem Ski Resort Rd, 19 Aug 2019, MLL
Vanessa cardui, Lincoln Co., Whitaker Lake Rd, 23 Aug 2019, JD2
Vanessa cardui, Lincoln Co., Twin Lakes USBLM, 28 May-12 Sep 2019, JD2
Vanessa cardui, Lincoln Co., Tamarack Canyon Rd, 19 May-4 Jun 2019, JD2
Vanessa cardui, Lincoln Co., Long Lake Dam, 14 Jun 2019, JD2
Vanessa cardui, Lincoln Co., Davenport, 10 May & 22 Sep 2019, JD2
Vanessa cardui, Lincoln Co., Coffeepot Lake USBLM, 28 May 2019, JD2
Vanessa cardui, San Juan Co., West Beach, Orcas Island, 27 May 2019, PRM
Vanessa cardui, San Juan Co., Mount Constitution, Orcas Island, 11-26 Sep 2019, PRM

Vanessa cardui, Spokane Co., Mullen Hill, 16 May 2019, JD2
Vanessa cardui, Spokane Co., Manito Park, Spokane, 24 Sep 2019, JD2
Vanessa cardui, Spokane Co., Hog Lake USBLM, 30 May-2 Jun 2019, JD2
Vanessa virginiensis, King Co., Issaquah, 290', 30 Sep 2017, BRM

Papilionidae:

Papilio eurymedon, Lincoln Co., Tamarack Canyon Rd, 4 Jun 2019, JD2
Papilio eurymedon, San Juan Co., West Beach, Orcas Island, 21 May 2019, PRM
Papilio indra, Asotin Co., Shumaker Rd at Grande Ronde River, 1130', 24 Apr 2019, BRM
Papilio indra, Yakima Co., Sheep Lake, 5730', 22 Jul 2018, BRM
Papilio multicaudata, Lincoln Co., Twin Lakes USBLM, 15 Jun-16 Jul 2019, JD2
Papilio multicaudata, Lincoln Co., Coffeepot Lake USBLM, 28 May 2019, JD2
Papilio multicaudata, Spokane Co., Hog Lake USBLM, 2 Jun 2019, JD2
Papilio rutulus, Lincoln Co., Tamarack Canyon Rd, 19 May-4 Jun 2019, JD2
Papilio rutulus, Lincoln Co., Long Lake Dam, 14 Jun 2019, JD2
Papilio rutulus, Mason Co., Mt. Ellinor, 5000-6000', 28 Jul 2018, BRM
Papilio rutulus, San Juan Co., West Beach, Orcas Island, 18 Jul 2019, PRM
Papilio rutulus, San Juan Co., Friday Harbor Labs, San Juan Island, 11 May 2019, PRM
Papilio rutulus, Spokane Co., Mullen Hill, 21 Jul 2019, JD2
Papilio zelicaon, Lincoln Co., Twin Lakes USBLM, 28 May 2019, JD2
Papilio zelicaon, Lincoln Co., Martin Canyon Rd, 10 May 2019, JD2
Papilio zelicaon, Mason Co., Mt. Ellinor, 5000-6000', 28 Jul 2018, BRM
Papilio zelicaon, Spokane Co., Turnbull NWR, 27 May 2019, JD2
Papilio zelicaon, Spokane Co., Hog Lake USBLM, 30 May 2019, JD2
Parnassius clodius claudianus, San Juan Co., West Beach, Orcas Island, 8 May 2018, PRM
Parnassius smintheus olympiana, Mason Co., Mt. Ellinor, 5000-6000', 28 Jul 2018, BRM

Pieridae:

Anthocharis julia, Mason Co., Mt. Ellinor, 5000-6000', 28 Jul 2018, BRM
Anthocharis julia, Spokane Co., Turnbull NWR, 24 Apr 2019, JD2
Anthocharis julia, Spokane Co., Mullen Hill, 24 Apr 2019, JD2
Anthocharis julia, Spokane Co., Hog Lake USBLM, 22 Apr 2019, JD2
Anthocharis sara flora, San Juan Co., Crescent Beach, Orcas Island, 7 May 2019, PRM
Colias eurytheme, King Co., Jubilee Farm, 19 Aug 2014, BRM, 47.6095N 121.9318W
Colias eurytheme, Lincoln Co., Twin Lakes USBLM, 28 Jul-26 Aug 2019, JD2
Colias philodice, Lincoln Co., Twin Lakes USBLM, 20 Aug 2019, JD2
Euchloe ausonides, Spokane Co., Hog Lake USBLM, 30 May 2019, JD2
Neophasia menapia, San Juan Co., West Beach, Orcas Island, 24 Jul-18 Sep 2019, PRM
Neophasia menapia, San Juan Co., Mount Constitution, Orcas Island, 17 Aug 2019, PRM
Pieris marginalis, Lincoln Co., Tamarack Canyon Rd, 19 May 2019, JD2
Pieris marginalis zieglerei, Columbia Co., North Touchet Rd at Bluestem Ski Resort Rd, 18-19 Aug 2019, MLL
Pieris rapae, Lincoln Co., Twin Lakes USBLM, 15 Jun-28 Jul 2019, JD2
Pieris rapae, Lincoln Co., Martin Canyon Rd, 10 May 2019, JD2
Pieris rapae, Lincoln Co., Coffeepot Lake USBLM, 2 Jul-3 Sep 2019, JD2
Pieris rapae, San Juan Co., Friday Harbor Labs, San Juan Island, 11 May 2019, PRM
Pontia beckerii, Lincoln Co., Twin Lakes USBLM, 16-28 Jul 2019, JD2
Pontia occidentalis, King Co., Jubilee Farm, 19 Aug 2014, BRM, common, 47.6095N 121.9318W
Pontia occidentalis, Lincoln Co., Twin Lakes USBLM, 16 Aug 2019, JD2
Pontia occidentalis, Lincoln Co., Highline Rd, 20 Aug 2019, JD2
Pontia sysimbrii, Spokane Co., Hog Lake USBLM, 22 Apr 2019, JD2

Riodinidae:

Apodemia mormo, Lincoln Co., Twin Lakes USBLM, 26 Aug 2019, JD2
Apodemia mormo, Lincoln Co., Fishtrap USBLM, 3 Sep 2019, JD2
Apodemia mormo, Lincoln Co., Coffeepot Lake USBLM, 23 Aug-3 Sep 2019, JD2
Apodemia mormo, Lincoln Co., 7 Springs Dairy Rd, 20 Aug 2019, JD2
Apodemia mormo, Okanogan Co., Winthrop, 2239', 21-23 Aug 2019, CB
Apodemia mormo, Spokane Co., Riverside State Park, 1875', 21 Aug 2019, JB3

Saturniidae:

Hyalophora eurylaus, San Juan Co., Ship Bay, Orcas Island, 28 Apr 2019, PRM

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

Coordinator: Ken Davenport

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Arizona:

There was good rainfall in the winter of 2018-2019 and good flights in the spring, but poor summer rainfall and poor monsoons so that there was a very poor year for migratory species and strays from Mexico. Most resident species had a fairly normal year. Those reporting shared that *Microtia elva*, which had seemed to establish itself in southeast Arizona the past few years, became scarce in 2019 with the larval host not doing well because of drought conditions in the summer and fall. On the positive side, 11 new butterfly COUNTY records were reported, but several of those were past records from previous years from 2017 or earlier.

California:

2019 was a great year for rain and snow in the state, but with little summer or fall rain. Generally, there were very few strays reported from Mexico or Arizona. The exceptions were *Nathalis iole*, *Hemiargus ceraunus gyas* and *Echinargus isola* that turned up commonly at the north end of their ranges. *Vanessa cardui* had a huge migration northward into the state during the spring and *Nymphalis californica* was common in many areas where normally scarce and had migrations reported much of the year (many records are given for 2017 but there were too many to include many such records for 2019). *Phoebis agarithe fisheri* remains established in the southern counties south of Los Angeles but did not become common till late in the season.

Resident species of butterflies on the whole did well, other species did not have good years, probably as a result of many poor years following two very dry years in 2017 and 2018, but Monarch flights in the southern Sierra Nevada appeared to rebound well in 2019, but not until the summer months. Flights of high elevation Sierra Nevada species were delayed by high levels of snow that did not melt until July or later. Thus, species not normally on butterfly counts were seen because several flight periods were extended.

Like Arizona, several county records were reported from 2017 or before; one county record here is correcting a record reported as *Chiodes georgina*, which is actually in the Genus *Chiomara*, and a record of *Cecropterus* (formerly *Thorybes*) *pylades* is a historical record that has been found and needs to be reported. There is one STATE RECORD (*Burnsius* (formerly *Pyrgus*) *philetas*) and a total of 11 other butterfly COUNTY records.

Nevada:

There is one new COUNTY record for butterflies for the state, possibly a stray or accidental introduction.

Hawaii:

Four photographs and records of butterflies and two for moths were reported from Hawaii by Patricia Moran-Hodge.

RECORDS:

Arizona:

Erebidae:

Apantesis incorrupta, **Pima Co.**, Brown Canyon, Baboquivari Mts, 4000', 28 Sep 2019, KMR, at UV trap

Geometridae:

Chlorosea roseitacta, **Pima Co.**, Brown Canyon, Baboquivari Mts, 4000', 28 Sep 2019, KMR, at UV trap

Hesperiidae:

Agathymus baueri baueri, Gila Co., Fossil Creek, 3 Sep 2019, PM2

Agathymus polingi, **Graham Co.**, Galiuro Mts., S Fork Ash Creek, 5200', 20 Oct 2019, KR, first capture

Agathymus polingi, Pima Co., Molino Basin, Arizona Trail, Santa Catalina Mts., 9 Nov 2019, MK2, late for state, observed by Larry Fellows

Amblyscirtes elissa arizonae, Cochise Co., Carr Canyon, Huachuca Mts., 28 Jul 2017, B/P, range extension

Amblyscirtes elissa arizonae, Pima Co., Santa Rita Mts., in Madera, Box, Gardiner & Montosa Cyns, 26 Jul 2017, MK2, 36 reported from a recently colonized area, extending range into USA

Amblyscirtes nereus, **Apache Co.**, Rock Creek, 6000', 12 rd. mi NE of Fort Apache, 14 Jun 2019, KR

Amblyscirtes oslari, Cochise Co., Carr Canyon, Huachuca Mts., 28 Jul 2017, B/P

Amblyscirtes texanae, Cochise Co., Huachuca Mts., Carr Canyon, 28 Jul 2017, B/P

Atrytonopsis edwardsi, Pima Co., Brown Canyon, Baboquivari Mts., 4250', 28 Sep 2019, KMR

Atrytonopsis lunus, **Maricopa Co.**, Mt. Ord, 5900', 23 Jul 2014, KR, confirmatory record

Atrytonopsis python, **Gila Co.**, Tonto Natural Bridge SP, 14 Jun 2017, KR

Atrytonopsis vierecki, Yavapai Co., 2 mi W of Jerome, Mingus Mt., 19 May 2017, TH1, rare seen in state

Bolla clytius, Santa Cruz Co., Blue Haven Rd., near Patagonia, 3 Oct 2017, MB1, very rare in state

Calpododes ethlius, **Gila Co.**, Miami, 21 Oct 2019, KR, 2 larvae

Calpododes ethlius, Santa Cruz Co., Patagonia, 3 Oct 2017, MB1, very rare in state

Chiomara georgina, Pima Co., Sabino Canyon, Santa Catalina Mts., 4 Apr 2019, FH

Cogia caicus moschus, Gila Co., Cassadore Spring, 4000', 15 rd. mi N of San Carlos, 12 Apr 2019, KR, range extension northward

Cogia hippalus, Yavapai Co., Pine Mts., Aspen Creek, 20 Aug 2019, PM2

Gesta scudderi, Cochise Co., Hilltop above Carr Canyon, Huachuca Mts., 28 Jul 2017, B/P, very limited range

Gesta tristis tatus, Gila Co., Fossil Creek, 3 Sep 2019, PM2

Gesta tristis tatus, Mohave Co., Hualapai Mts in mid-elevation streambed, 3 Sep 2017, KD, 2nd county record

Heliopetes domicella, Pima Co., Brown Canyon, Baboquivari Mts., 4250', 28 Sep 2019, KMR, relatively rare species

Hesperia pahaska pahaska, Yavapai Co., 2 mi W of Jerome, Mingus Mountain, 19 May 2017, TH1

Hesperia woodgatei, Mohave Co., Hualapai Mts in mid-elevation streambed, 3 Sep 2017, KD, early for state

Lerema accius, Santa Cruz Co., Patagonia, 14 Dec 2019, FHK, late date for state

Megathymus ursus ursus, Pima Co., Santa Rita Mts., lower Madera Canyon, 13 Jul 2017, MK2, photo by Margarethe Brummermann, very rarely seen

Megathymus ursus ursus, Pima Co., Santa Rita Mts., Florida Canyon, 16 Jul 2017, MK2, observed, cannot be confused with anything else

Megathymus ursus ursus, Pima Co., Santa Rita Mts., waterfall top of Box Canyon, 31 Jul 2017, MW

Polygonus leo arizonensis, Pima Co., Tucson, in yard, 30 Oct 2019, JPB

Polygonus leo arizonensis, Santa Cruz Co., Ruby Road, Atascosas Mts., 27 Jul 2017, B/P

Pyrigus xanthus, Gila Co., Tonto Creek Fish Hatchery, 24 Apr 2014, KR

Zestusa dorus, Gila Co., Colonel Devin Trail, 14 Apr 2019, PM2

Lycaenidae:

Atlides halesus corcorani, Pima Co., Tucson, 8 Dec 2019, KD, observed by Ira Nadborne

Callophrys polios, **Apache Co.**, Chuska Mts., Roof Butte, 21 Apr 2017, KR, 3rd record for state, not previously reported

Satyrrium alcestis, **Maricopa Co.**, Seven Springs, 5 Jun 2019, TH1

Strymon cestri, **Pinal Co.**, Oracle, 10 May 2019, WB2, 2nd county record

Strymon cestri, **Cochise Co.**, Chiricahua Mts., below Onion Saddle, 24 Jun 2019, JPB, very rare in mt. range

Strymon istapa clenchi, **Pinal Co.**, Oracle, 10 May 2019, WB2

Strymon istapa clenchi, Cochise Co., Chiricahua Mts., Pinery Canyon, 9 Jul 2019, LC, 1st record for Chiricahua Mts.

Noctuidae:

Bagisara laverna, **Pima Co.**, Brown Canyon, Baboquivari Mts, 4000', 28 Sep 2019, KMR, at UV trap

Chalcopasta howardi, **Pima Co.**, Brown Canyon, Baboquivari Mts, 4000', 28 Sep 2019, KMR, at UV trap

Chrysoecia atrolinea, **Pima Co.**, Brown Canyon, Baboquivari Mts, 4000', 27 Sep 2019, KMR, at UV trap

Chrysoecia gladiola, **Pima Co.**, Brown Canyon, Baboquivari Mts, 4000', 27 Sep 2019, KMR, at UV trap

Grotella sampita, **Pima Co.**, Brown Canyon, Baboquivari Mts, 4000', 28 Sep 2019, KMR, at UV trap

Lacinipolia erecta, **Pima Co.**, Brown Canyon, Baboquivari Mts, 4000', 27 Sep 2019, KMR, at UV trap

Melipotis agrotoides, **Pima Co.**, Brown Canyon, Baboquivari Mts, 4000', 28 Sep 2019, KMR, at UV trap

Plagiomimicus dimidata, **Pima Co.**, Brown Canyon, Baboquivari Mts, 4000', 27 Sep 2019, KMR, at UV trap

Plagiomimicus mimica, **Pima Co.**, Brown Canyon, Baboquivari Mts, 4000', 28 Sep 2019, KMR, at UV trap

Protorthodes inincta, **Pima Co.**, Brown Canyon, Baboquivari Mts, 4000', 28 Sep 2019, KMR, at UV trap

Schinia argentifascia, **Pima Co.**, Brown Canyon, Baboquivari Mts, 4000', 28 Sep 2019, KMR, at UV trap

Stiria intermixta, **Pima Co.**, Brown Canyon, Baboquivari Mts, 4000', 27 Sep 2019, KMR, at UV trap

Tripudia limbatus, Pima Co., Brown Canyon, Baboquivari Mts, 4000', 27 Sep 2019, KMR, at UV trap
Ulolonche disticha, Pima Co., Brown Canyon, Baboquivari Mts, 4000', 28 Sep 2019, KMR, at UV trap

Notodontidae:

Oligacentria coloradensis, Pima Co., Brown Canyon, Baboquivari Mts, 4000', 28 Sep 2019, KMR, at UV trap

Nymphalidae:

Anartia fatima, Santa Cruz Co., Pena Blanca Lake, 30 Oct 2009, KR, 1st record for county, but not previously reported
Anthanassa texana texana, Yavapai Co., Black Hills, Hwy 89, 2 Apr 2019, PM2
Asterocampa celtis antonia, Pima Co., Brown Canyon, Baboquivari Mts., 4250', 28 Sep 2019, KMR
Asterocampa leilia, Greenlee Co., San Francisco River, 3400', 2 mi S of Clifton, 24 Apr 2019, KR, poorly known in county
Cercyonis meadii, Gila Co., Fossil Creek, 3 Sep 2019, PM2
Eunica monina, Cochise Co., Garden Canyon, Fort Huachuca, 19 Sep 2019, AS2, very rare stray to state
Gyrocheilus patrobis tritona, Santa Cruz Co., Madera Canyon, 5400', 27 Sep 2019, KMR
Junonia nigrosuffusa, Pima Co., Catalina State Park, Santa Catalina Mts., 9 Mar 2019, MK2, early for state
Junonia nigrosuffusa, Pima Co., Sabino Canyon, Santa Catalina Mts., 11 Mar 2019, FH, photo documentation
Libytheana carinenta larvata, Pima Co., Brown Canyon, Baboquivari Mts., 4250', 28 Sep 2019, KMR
Limenitis archippus obsoleta, Gila Co., Cassador Spring, 4000', 5 Apr 2015, KR, unusually early
Mestra amymone, Santa Cruz Co., Sycamore Canyon, 16 Nov 2017, DDX, rare stray to state
Microtia elva, Santa Cruz Co., Tumacacori Nat. History Park, 14 Sep 2017, RAB
Microtia elva, Santa Cruz Co., Patagonia, 27 Jul 2017, DT2
Microtia elva, Santa Cruz Co., 3.5 mi SW of Patagonia at rest stop, 7 Sep 2017, KD
Microtia elva, Santa Cruz Co., Patagonia, 16 Oct 2019, DW1, becoming scarce again
Nymphalis californica, Pima Co., Tucson, in yard, 30 Oct 2019, JPB, rare in SE AZ
Nymphalis californica, Santa Cruz Co., Santa Rita Mts., Madera Canyon, upper picnic area, 11 Nov 2017, GJ, unusual in SE AZ
Oeneis ridingsii stretchii, Yavapai Co., W of Jerome on Mingus Mt., 19 May 2017, TH1
Phyciodes tharos, Santa Cruz Co., Patagonia, 2 Dec 2019, FHK, late for state
Speyeria nokomis nitocris, Coconino Co., Woods Canyon Lake, 12 Sep 2017, MV
Speyeria nokomis nitocris, Coconino Co., Woods Canyon Lake, 20-21 Sep 2017, TH1
Texola elada perse, Pima Co., Brown Canyon, Baboquivari Mts., 4250', 28 Sep 2019, KMR

Papilionidae:

Battus philenor philenor, Mohave Co., Hualapai Mts., in mid- to higher elevation streambeds, 3 Sep 2017, KD, rarely seen in Mt. range, several seen or collected
Papilio astyalus, Cochise Co., San Pedro River, Charleston Rd. crossing, 13 Oct 2017, DD4
Papilio multicaudatus, Pima Co., Brown Canyon, Baboquivari Mts., 4250', 28 Sep 2019, KMR, relatively rare species
Papilio polyxenes coloro, Maricopa Co., off Four Peaks Rd., 1 to 1.5 mi SE Jct Hwy 87, 27 Mar 2017, BMG, larvae, 4th-5th instars on *Thamnosia montana*
Papilio polyxenes coloro, Pinal Co., Arivaipa Canyon, 1 Apr 2017, BMG, larvae, 3rd-5th instar on *Thamnosia montana*, rare in SE AZ
Papilio polyxenes coloro, Mohave Co., 12 mi N of Wikieup off highway, 29 Apr 2017, BMG, larvae, 3rd-5th instar on *Thamnosia montana*
Papilio polyxenes, Mohave Co., Hualapai Mts., in canyon ravine at mid-elevations, 3 Sep 2017, KD, large, mostly black with narrow yellow band, may have been form 'clarki'

Pieridae:

Abaeis boisduvaliana, Santa Cruz Co., Sycamore Canyon, 16 Nov 2017, DDX, rare stray and one of few this year
Abaeis mexicana, Mohave Co., Hualapai Mts., mid-elevation streambeds, 3 Sep 2017, KD, very rare in region
Anteos clorinde, Cochise Co., Hereford, in yard, 18 Nov 2017, RAB, rare stray to AZ
Anteos clorinde, Cochise Co., Garden Canyon, Fort Huachuca, 3-19 Sep 2019, AS2
Anteos clorinde, Santa Cruz Co., Sant Fe Ranch, Santa Cruz River, Nogales, 14 Sep 2017, MB1, rare stray to AZ
Anthocharis cethura pima, Maricopa Co., road and hills near Rackensack Canyon, 26 Jan 2019, MWH
Anthocharis cethura pima, Pima Co., Sabino Canyon, Santa Catalina Mts., 21 Jan 2019, FHK, early for state
Anthocharis thoosa inghami, Maricopa Co., road and hills near Rackensack Canyon, 26 Jan 2019, MWH
Ascia monuste, Yuma Co., Gateway Park, 26 Oct 2014, KR
Glutophrissa drusilla tenuis, Santa Cruz Co., Sycamore Canyon, 3 Aug 2019, CWM, collected by Mike Mulligan
Phoebis sennae marcellina, Mohave Co., Hualapai Mts., mid-elevation streambeds, 3 Sep 2017, KD, normally very scarce
Phoebis sennae marcellina, Pima Co., Sabino Canyon, Santa Catalina Mts., 8 Jan 2019, PHK, early for state
Phoebis sennae marcellina, Pima Co., Brown Canyon, Baboquivari Mts., 4250', 28 Sep 2019, KMR, relatively rare species
Pyrisitia proterpia, Maricopa Co., Phoenix, 17 Sep 2014, KR, 4th or 5th record for county
Pyrisitia proterpia, Pima Co., Tucson, 8 Jan 2017, JPB, unusual in winter

Pyralidae:

Arta statalis, Pima Co., Brown Canyon, Baboquivari Mts, 4000', 27 Sep 2019, KMR, at UV trap

Riodinidae:

Apodemia nais, Cochise Co., Chiricahua Mts., below Onion Saddle, 24 Jun 2019, JPB, very few records for SE AZ
Apodemia nais, Cochise Co., Chiricahua Mts., Pinery Canyon, 9 Jul 2019, LC
Apodemia nais, Cochise Co., Chiricahua Mts., Turkey Creek Crossing, 28 Jul 2019, TH1
Calephalis arizonensis, Pima Co., Brown Canyon, Baboquivari Mts., 4250', 28 Sep 2019, KMR

Sesiidae:

Carmenta rubricincta, Coconino Co., N of Sedona along 89A, 23 Jul 2019, WTJ, 35.02980 N -111.74117 W

Tortricidae:

Pelochrista pulveratana, Pima Co., Brown Canyon, Baboquivari Mts, 4000', 27 Sep 2019, KMR, at UV trap

California:

Erebidae:

Caenurgia togataria, Yolo Co., Old Cache Creek Canyon Reg. Park, 585', 9 Jul 2019, KMR, at UV trap
Catocala chelidonia occidentalis, Yolo Co., Old Cache Creek Canyon Reg. Park, 585', 9 Jul 2019, KMR, at UV trap
Drasteria adumbrata adumbrata, Yolo Co., Old Cache Creek Canyon Reg. Park, 585', 9 Jul 2019, KMR, at UV trap

Hesperiidae:

Agathymus stephensi, Riverside Co., Texas Spring Trail, Palms to Pines Highway, 2-8 Oct 2017, RG4, confirms still at locality
Burnsius communis, Inyo Co., Westgard Pass Rd, Rt 168, 6165', 25 May 2019, KMR
Burnsius communis, Nevada Co., Bowman Lake Rd at Fall Cr., 5600', 11 Jul 2019, KMR
***Burnsius philetas*, Imperial Co.**, Ferguson Lake, 28 mi N of Bard, 6 Nov 2014, KR, **State record**
Cecropterus pylades indistinctus, Santa Barbara Co., San Marcos Pass, 22 Mar 1931, NL, historical record from Kirkwood Collection in Yale Peabody Museum
***Chiomara georgina*, Riverside Co.**, Anza, Nov 2014, GFP, **State record**, genus corrected from 2018 summary
Erynnis brizo burgessi, San Bernardino Co., Ivanpah Mts., 2.75 mi SE Ivanpah, 23 Apr 2006, BAM, photo by Dawn Nelson, few records for state
Erynnis brizo lacustra, Kern Co., Lake of the Woods, Lockwood Valley Rd., mud in creek, 23 Apr 2018, KD, few records for county
Erynnis brizo lacustra, Riverside Co., Upper Smith Canyon, Joshua Tree Nat. Park, 23 Apr 2017, JZ
Erynnis brizo lacustra, Santa Barbara Co., San Rafael Mts., Cachuma Mt., 22 Apr 2016, NL
Erynnis icelus, Plumas Co., Twaine, 31 May 2019, MW, few records for Sierra Nevada
Erynnis propertius, Nevada Co., Bowman Lake Rd at Lindsey Cr., 5810', 11 Jul 2019, KMR
Euphyes vestris vestris, Colusa Co., Mill Valley Camp, 14 Jul 2015, GK
Euphyes vestris, Inyo Co., Westgard Pass Rd, Rt 168, 6165', 25 May 2019, KMR
Gesta funeralis, San Diego Co., near Santa Margarita River, Fallbrook, 23 Jan 2019, BB7, early for state
Hesperia colorado harpalus, Tulare Co., Freeman Creek Grove Giant Sequoias and vicinity, 27 Jun 2017, KD, probably south extension for this subspecies
Hesperia colorado harpalus, Tulare Co., E of Big Meadows, Boulder Creek, Sequoia NM, 30 Jun 2017, KD
Hesperia colorado tildeni, San Benito Co., 0.5 mi N Laguna Mt., 19-30 Sep 2017, PGJ, poorly known from county
Hesperia columbia, Contra Costa Co., summit of Mt. Diablo, 8 May 2017, DR4, rare in county, 1st report in years
Hesperia columbia, San Luis Obispo Co., Ragged Point Fire Rd. in NW part of county, 13 Apr-3 May 2019, JG1
Hesperia columbia, Santa Barbara Co., Cachuma Mt., 22 Apr 2017, NL, rare or absent in most of state
Hesperia columbia, Tulare Co., Sierra Nevada, Sherman Pass Rd, E Kern River, 4900', 28 Oct 2017, KD, scarce recently, but common after 2002 fire
Hesperia juba, Tulare Co., Kern River, Ant Canyon, 28 Oct-7 Nov 2017, KD, late for state
Hesperia miriamae miriamae, Mono Co., ridge between Saddlebag Lake and Gardisky Lake, 2 Aug 2017, BB4
Hesperopsis graciellae, Riverside Co., Blythe, Palo Verde Ecological Preserve, 4 Oct 2019, DW1
Hesperopsis libya libya, San Bernardino Co., Mescal Range, Bailey Rd. off I-15, 1 Jul 2019, KD, unexpected date
Megathymus yuccae martini, Inyo Co., Lower Nine Mile Canyon, 5-23 Apr 2019, KD, common at locality
Megathymus yuccae martini, Inyo Co., Lower Nine Mile Canyon, 16 Apr 2019, CWM
Megathymus yuccae martini, San Bernardino Co., Kingston Range, 17 Mar-5 Apr 2017, BB4, early flight for Mojave Desert
Panoquina errans, Santa Barbara Co., N end Devereaux Slough near West Goleta in Preserve, 23 Jul 2019, NL
Pholisora catullus, Santa Barbara Co., Colson Canyon near Sisquoc, 14 Apr 2017, NL, very few records for county
Pseudocopaodes eunus, Mono Co., Dechambeau Ponds, Mono Lake, 6 Jun 2017, KN
Pseudocopaodes eunus, Mono Co., McGee Bay, NE arm of Crowley Lake, 15 Jun 2017, KN
Pyrgus ruralis ruralis, Mendocino Co., Western Ponds, Little River Airport, 15 Apr 2017, RH2
Pyrgus scriptura apertorum, Imperial Co., Brawley, edges of agricultural field, 11 Sep 2017, KD, over 30 in one hour
Pyrgus scriptura apertorum, Riverside Co., Joshua Tree NP, Cottonwood Canyon Rd., NPS Barrow Pit, 23 Apr 2017, ML2
Pyrgus scriptura apertorum, San Bernardino Co., Mescal Range at Mountain Pass, 29 Mar 2017, MW, very scarce in Mojave Desert
Pyrgus scriptura apertorum, San Bernardino Co., Mescal Range at Mountain Pass, 5 Apr 2017, BB4
Pyrgus scriptura apertorum, San Bernardino Co., Mescal Range at Mountain Pass, 1 Jul 2019, KD, flying in numbers
Pyrgus scriptura scriptura, Glenn Co., near I-5 and Rd. 57, Sacramento Valley, 11 Jun 2017, DH5
Pyrgus scriptura scriptura, San Luis Obispo Co., Estrella and Jardine Rds, Jct 6 air mi SE San Miguel, 26 Aug 2019, JG1, 2nd locality for county
Systasea zampa, Riverside Co., Cactus Spring Trail, Santa Rosa Mts., 18 Oct 2019, DW1, reported by Nancy Asquith

Lycaenidae:

Atlides halesus corcorani, Orange Co., Hill, San Clemente, 31 Dec 2019, RG4, late for state
Atlides halesus corcorani, Tulare Co., East of Ant Canyon and Kern River, 28 Oct-7 Nov 2017, KD, new locality for county
Callophrys fotis mojaviensis, San Bernardino Co., Kingston Range, 17 Mar 2017, BB4, early for state, with BG
Callophrys gryneus chalcosiva, Mono Co., base E side of the Sierra W of Mono Lake, 29 May-25 Jun 2017, KN, western range extension
Callophrys gryneus chalcosiva, Mono Co., Horse Meadows near Lee Vining Canyon, 14 Jul 2017, KN
Callophrys gryneus chalcosiva, Mono Co., Lee Vining Canyon, E side of the Sierra Nevada, 15 Jul 2017, KN
Callophrys gryneus siva, San Bernardino Co., Mescal Range off I-15, 29 Mar 2017, MW, early for state
Callophrys johnsoni, Yuba Co., near Yuba Pass, 7 Jun 2019, RB2, not well known in region
Callophrys dumetorum dumetorum, San Francisco Co., San Francisco, 17 Mar 2017, BAM, photo by Petra Martins
Callophrys mossii doudoroffi, San Luis Obispo Co., Cypress Mountain Drive, 5 Apr 2017, JG1, few localities for county
Callophrys mossii doudoroffi, San Luis Obispo Co., Coast Ranges, Santa Rita Rd., 22 Apr 2017, JG1, few localities for county

Callophrys mossii doudoroffi, San Luis Obispo Co., Ragged Point Fire Rd., in NW part of county, 13 Apr-3 May 2019, JG1, new location for county

Callophrys muiri, **San Benito Co.**, 7 mi NW Soledad, Pinnacles NP, 1 May 2017, PGJ, juniper feeding segregate

Callophrys nelsoni, Nevada Co., Bowman Lake Rd at Lindsey Cr., 5810', 11 Jul 2019, KMR

Callophrys sheridanii interrupta, Inyo Co., White Mts., Hwy 168 near Narrows, E Big Pine, 5 Aug 2017, JPB, first summer record for this range

Callophrys spinetorum spinetorum, Sacramento Co., Folsom, 11 Mar 2017, AMS, rare in county

Chlorostrymon simaethis sarita, Riverside Co., NW Joshua Tree NP, Lower Covington Trail, 30 Apr 2017, JZ, photo from Bob Cullen, Thomas Haworth & Donna Thomas, rare stray to state

Chlorostrymon simaethis sarita, Riverside Co., Hemet, 18 May 2017, JFE, 1 male, 1 female with host plant in yard, rare stray

Cupido amyntula, Santa Barbara Co., Santa Barbara Island, 12 Oct 2019, NL, photo by Hugh Ranson

Echinargus isola, Inyo Co., South Fork Bishop Creek, 8000-9000', 27 Jul 2019, KD

Echinargus isola, Los Angeles Co., Glendora Ridge Rd., 4000', 0.25 mi from Mt. Baldy Rd., 10 Jun 2019, BG

Echinargus isola, Mono Co., Saddlebag Lake below the dam and vicinity, 29 Jul 2019, KD

Echinargus isola, Santa Barbara Co., Arroyo Quemada, Baron Ranch Trail, 22 Jun 2019, NL, 2nd record for county

Echinargus isola, Ventura Co., Rattlesnake Canyon, 13 Jun 2019, CL2

Euphilotes battoides vernalis, San Bernardino Co., Ord Mts., near Coxey Meadow, 11 Apr 2017, DH5, common

Euphilotes enoptes, Nevada Co., Bowman Lake Rd at Fall Cr., 5600', 11 Jul 2019, KMR

Euphilotes enoptes smithi, San Luis Obispo Co., Ragged Point Fire Rd. in NW part of county, 10 Jun 2019, JG1, difficult to confirm

Euphilotes glaucon australoglaucon, Inyo Co., South Fork Bishop Creek, 8600', 27 Jul 2019, KD, very late for subspecies

Euphilotes glaucon comstocki, Inyo Co., E of Whitney Portal at base of rocky cliff along road, 8000', 27 Jul 2018, KD, listed as Woods Canyon in 2018 season summary in error

Euphilotes glaucon comstocki, Tulare Co., Cherry Hill Rd. 0.3 to 8 mi S Sherman Pass Rd., 12 Jul 2017, KD, very common on *Eriogonum umbellatum*

Euphilotes speciosa speciosa, Inyo Co., Lubken Canyon on slopes just E US 395, 30 Apr 2017, KD, with Mark Walker and family

Euphilotes speciosa speciosa, Inyo Co., Lower Hwy 168 in White Mts, E Big Pine, 2 May 2017, KD, common in wash

Euphilotes speciosa speciosa, Inyo Co., Upper Waucoba Wash, Saline Valley Rd., 26 Apr 2019, KN, common

Euphilotes speciosa speciosa, Inyo Co., Whitney Portal Rd. near Lone Pine, 26 Apr 2019, PM2, one of most reliable areas for species

Glaucopsyche lygdamus australis, Kern/Ventura Co., Trail from Cerro Noroeste Rd. to Grouse Mt., 23 Jun 2019, MM4, rare in region

Glaucopsyche piasus excubita, Inyo Co., South Fork Bishop Creek, 8700', 27 Jul 2019, KD, late for this subspecies

Habrodais grunus grunus, Orange Co., Santiago Peak, 15 Jul 2017, RG4, rare in county

Habrodais grunus lorquini, Monterey Co., Nacimiento Lake and Camp, 19 Jun 2017, RLP, hundreds on streamside vegetation, some apparently in San Luis Obispo Co.

Hemiargus ceraunus gyas, Inyo Co., Lower Nine Mile Canyon, 23 Apr 2019, KD, common in Sierra Nevada Canyon with desert influence

Hemiargus ceraunus gyas, Inyo Co., South Fork Bishop Creek, 8200-8700', 27 Jul 2019, KD, vagrant with 20+ seen

Hemiargus ceraunus gyas, Mono Co., Warren Bench, above Warren Creek via Log Cabin Rd., 29 Jul 2019, KN, new species for Yosemite NP area

Hemiargus ceraunus gyas, San Diego Co., near Santa Margarita River, 23 Jan 2019, BB7, early for state

Hemiargus ceraunus gyas, Santa Barbara Co., N of Devereaux Slough in West Goleta, 9 Jul 2019, NL, 2nd record for county

Icaricia icarioides, Nevada Co., SW Blue Lake, E of CA 18, Bowman Rd, 6075', 11 Jul 2019, KMR

Icaricia lupini alpicola, Mono Co., Burro Pass area near Matterhorn Peak, Yosemite NP, 12 Sep 2019, MW, late for state

Icaricia lupini chlorina, Tulare Co., Hill above road summit south Kennedy Meadows, 19 Jun 2017, KD, associated with *Eriogonum umbellatum*

Icaricia lupini chlorina, Tulare Co., Cherry Hill Rd., 0.3 to 8 mi S Sherman Pass Rd., 12 Jul 2017, KD, common *Eriogonum umbellatum*

Icaricia neuronata, Kern/Ventura Co., Trail to summit of Mt. Pinos, 2 Jun 2017, SR, abundant, with Mike Mulligan & David Haviland

Icaricia neuronata, Kern Co., Mt. Pinos, Seymour Canyon Rd. near McGill Camp, 10 Sep 2019, KD, common

Leptotes marina, Santa Barbara Co., Santa Barbara Island, 12 Oct 2019, NL, new for island

Leptotes marina, **Santa Clara Co.**, Alum Rock Park, 27 May 2015, NA1, photos by Donna Pomeroy & Robin Agarwal

Lycaena cupreus lapidicola, Nevada Co., Yuba Pass, I-80, Crystal Lake Rd., 5800', 11 Jul 2019, KMR

Lycaena heteronea near *clara*, Tulare Co., Sierra Nevada, Pine Flat, 12 Jul 2017, KD

Lycaena heteronea submaculata, Tulare Co., Boulder Creek E of Big Meadow, Sequoia NM, 30 Jun 2017, KD

Lycaena mariposa marya, Humboldt Co., Forest Service Rd. 10 N 02 E Hoopa, 21 Jul 2018, BAM, photo by Scott Burgess, 2nd record for county

Lycaena mariposa marya, Siskiyou Co., Horse Range Lakes, 6220', Russian Wilderness, 26 Jul 2012, BAM, few state records for this subspecies, photo by Kit Davenport

Lycaena nivalis nivalis, Tulare Co., Boulder Creek E of Big Meadow, Sequoia NM, 30 Jun 2017, KD

Lycaena xanthoides xanthoides, Orange Co., Blue Jay Camp, 22 Jun 2014, RG4, rare in county

Plebulina emigidionis, San Bernardino Co., Victorville along Mojave River, 13 Apr 2017, MW, rediscovery of colony on opposite side of river

Satyrium auretteorum spadix, San Bernardino Co., Joshua Tree NP, Barker Dam Trail, 3 May-11 Jun 2017, JZ, with Bob Cullen, Tom Haworth, & Donna Thomas, recent discovery in park

Satyrium auretteorum spadix, San Bernardino Co., San Bernardino Mts. E slope, Hwy 18, MP 63.51, 18 Jun 2019, KD, locally common

Satyrium auretteorum spadix, Santa Barbara Co., San Rafael Mts., Cachuma Mt., 21 May-3 Jun 2017, NL, rare in county

Satyrium behrii behrii, San Bernardino Co., Burns Canyon Rd., 7 Jun 2017, JZ

Satyrium semiluna maculadistinctum, Mono Co., Parker Lake Trail near Mammoth Lakes, 14 Jul 2017, JG1, near southern limit of range

Satyrium semiluna maculadistinctum, Mono Co., Log Cabin Rd. above Warren Canyon, W Lee Vining, 31 Jul 2017, KN, very common

Satyrium semiluna maculadistinctum, Mono Co., Rd. 1517 between Crooked and Sentinel Meadows, 27 Jul 2017, KN

Strymon istapa clenchi, Kern Co., Weldon, Kelso Valley Rd., Jct with SR 178, 8 Oct 2019, KD, 4th record for county and Sierra Nevada
Strymon istapa clenchi, Orange Co., Irvine, San Joaquin Wildlife Sanctuary, 15 Aug 2017, BB7, unusual coastal locality
Strymon istapa clenchi, San Diego Co., Guajome Regional Park, 10 Aug 2017, BB7, unusual coastal plain locality

Noctuidae:

Admetovis similaris, Inyo Co., 7.0 mi W on Pine Creek Rd, 6580', 25 May 2019, KMR, at UV trap
Autographa pasiphaeia, San Luis Obispo Co., 5.9 mi E Morro Bay, Rt 41, 750', 14 Jun 2019, KMR, at UV trap
Baptama felicitata, Imperial Co., Glamis, Ted Kiff Rd, 1 Mar 2019, PM
Dargida procinctus, Sierra Co., CA 49 at Haskell Creek Rd, 5725', 11 Jul 2019, KMR, at UV trap
Heliolonche pictipennis, Inyo Co., Big Pine, 26 Apr 2019, PM

Nymphalidae:

Boloria epithore sierra, Mono Co., Hudsonian forest W below Saddlebag Lake, 29-30 Jul 2019, KD, common, 2nd locality for county
Boloria epithore sierra, Tulare Co., Freeman Creek Grove Giant Sequoias and vicinity, 27 Jun 2017, KD, common
Cercyonis pegala, Santa Barbara Co., Miguelito Canyon near Lompoc, 9 Jul 2017, NL, three seen
Cercyonis pegala boopis, San Benito Co., Clear Creek Management area, 19 Sep 2016, PGJ, photo
Cercyonis pegala boopis, San Benito Co., 2 mi NW Laguna Mt., 30 Sep 2017, PGJ, photo
Cercyonis pegala boopis, San Benito Co., NW Laguna Mt., Laguna Creek, 4 Sep 2017, PGJ, photo
Cercyonis sthenele, San Luis Obispo Co., Ragged Point Fire Rd. in NW part of county, 10 Jun-8 Jul 2019, JG1, hard to place in subspecies
Cercyonis sthenele behrii, Tulare Co., E Kern River south Limestone Camp, 12-27 Jun 2017, KD, outbreak numbers of adults
Cercyonis sthenele behrii, Tulare Co., Chimney Peak Rd. from road summit to Lamont Meadows, 19 Jun 2017, KD, common only in wet years
Chlosyne acastus neumoegeni, Riverside Co., Chuckwalla Mts., 8 Feb 2019, MW, very early for state
Chlosyne leanira wrightii, Los Angeles Co., San Antonio Canyon, 2.5 mi S Mt. Baldy Village, 23 Jul 2019, BG, unusually late for species
Chlosyne leanira wrightii, San Diego Co., Kwaaymii Point along Pacific Crest Trail, 29 Mar 2017, SDL
Chlosyne leanira wrightii, Santa Barbara Co., San Rafael Mts., Cachuma Mt., 21 May-3 Jun 2017, NL, uncommon in county
Chlosyne palla altasierra, Nevada Co., Bowman Lake Rd. at Fall Creek, 11 Jul 2019, KMR
Chlosyne whitneyi, Mono Co., Hudsonian forest W below Saddlebag Lake, 30 Jul 2019, KD, common on talus slide
Chlosyne whitneyi, Mono Co., Mt. Excelsior above Burro Lake, 12000', 30 Aug 2019, RG4, new locality
Coenonympha californica, Colusa Co., CA 16 at Yolo Co. line, Cache Cr, 640', 9 Jul 2019, KMR
Coenonympha tullia ampelos, Plumas Co., Babcock Peak Rd., 24 Sep 2019, MM4, late for state
Danaus gilippus thersippus, Inyo Co., Silver Canyon, White Mts., 5 Jul 2017, BB4, several seen
Danaus gilippus thersippus, Mono Co., Lundy Canyon NW of Mono Lake, 7 Jun 2017, KN, rare stray to area
Danaus gilippus thersippus, San Bernardino Co., San Bernardino Mts. E slope, Hwy 18, MP 63.51, 18 Jun 2019, KD, 4 adults in late afternoon
Danaus gilippus thersippus, Santa Barbara Co., Goleta, 4 Nov 2019, NL, rare in county
Danaus gilippus thersippus, Santa Clara Co., Canada De Los Osos Ecological Reserve, 8 Jun 2017, NA1, larval photo, no adult records
Danaus plexippus, Kern Co., Weldon, Kelso Valley Rd., Jct with SR 178, 5 Nov 2019, KD, 50-60 seen in 3 hours
Danaus plexippus, Mono Co., Wetland Mill Canyon Rd., 2-3 mi W US 395, 28 Jul 2019, KD, 30 seen in 2 hours
Dione vanillae incarnata, Mendocino Co., Mendocino Coast Botanical Gardens, Fort Bragg, 4 Sep 2013, DR4, photo by Sandra Koski
Dione vanillae incarnata, Mendocino Co., Little River Airport, 26 Aug 2017, RH2
Euphydryas chalcedona sierra, Tulare Co., Boulder Creek E of Big Meadow, Sequoia NM, 30 Jun 2017, KDR, "irelandi" may be distinct
Euphydryas editha, Santa Barbara Co., Fish Creek/Davy Brown near Figueroa Mt., 22 Apr 2017, NL, could be range extension for ssp. *luestherae*
Euphydryas editha, Tulare Co., Sherman Pass Rd. at Alder Creek, 6800', 5-29 May 2017, KD, mix of *rubicunda*, *augustina* and *aurilacus* phenotypes, extirpated by fire in 2002, now recolonized
Euphydryas editha ehrlichi, San Bernardino Co., Ord Mts., Coxey Meadows, 11 Apr 2017, DH5, common, 1st report in 20 years
Euphydryas editha luestherae, San Luis Obispo Co., Rocky Canyon Trail nr. granite quarry E Atascadero, 4 May 2019, JG1, new locality
Euptoieta claudia, San Bernardino Co., San Bernardino Mts., Glass Rd. near Seven Oaks Rd., 22 Jul 2017, SR, leg. David Haviland
Euptoieta claudia, San Diego Co., Roberts Ranch North, Descanso, 2 Jun 2017, KW, very rare stray to state
Euptoieta claudia, Los Angeles Co., Ballona Wetlands Ecological Reserve, 7 Oct 2017, BAM, photo by Jonathan Coffin
Euptoieta claudia, Mono Co., Owens River Rd., 5 mi E US 395, 27 Jul 2019, ADM, photo record
Limenitis archippus obsoeta, Orange Co., Mission Viejo, 26 Sep 2016, DM5, accidental import or very rare stray
Nymphalis californica, Alameda Co., Redwood Regional Park, 28 Sep 2017, WS
Nymphalis californica, Alameda Co., Berkeley, 30 Sep 2017, KD, seen by Brent Haglund
Nymphalis californica, Contra Costa Co., near Bollinger Canyon Creek, Las Tramos Wilderness, 22 Oct 2017, BAM, reported by Brent Haglund
Nymphalis californica, Kern Co., 4 mi W of Wofford Heights, 18 Mar 2019, KMR
Nymphalis californica, Kern/Ventura Co., creekbed, Lockwood Valley Rd. – Lake of the Woods, 12 Oct 2017, KD, rarely seen in area
Nymphalis californica, Marin Co., Muir Woods NP, 26 Sep 2017, DR4
Nymphalis californica, Marin Co., Novato, Indian Valley, 27 Sep 2017, DR4
Nymphalis californica, Mendocino Co., Navarro Point Preserve, 26 Sep 2017, RH2
Nymphalis californica, Orange Co., San Clemente, 27 Apr 2017, DBG
Nymphalis californica, Riverside Co., Elsinore Peak, 19 Mar 2017, DBG
Nymphalis californica, Riverside Co., Joshua Tree NP, Lower Covington-Smithwater Canyon area, 30 Apr 2017, JZ, seen by Bob Cullen, Tom Haworth, & Donna Thomas
Nymphalis californica, San Francisco Co., San Francisco, 26 Sep 2017, AW4
Nymphalis californica, Santa Clara Co., Mt. Umunhum, Sierra Azul Preserve, 25 Oct 2017, JH4

Nymphalis californica, Santa Cruz Co., Big Basin SP, 26 Oct 2017, JH4
Nymphalis californica, Sonoma Co., Bodega Bay, 25 Sep 2017, BAM, reported by Jackie Sones
Nymphalis californica, Sonoma Co., Steelhead Beach and along Russian River, 28 Sep 2017, BAM, photo by Lisa Hug
Nymphalis californica, Ventura Co., Upper Sycamore Trail, Pt. Mugu SP, 16 Jan 2017, BAM
Nymphalis californica, Ventura Co., Chuchupate Camp, 12 Oct 2017, KD
Oeneis chryxus ivallda, Alpine Co., Carson Pass, 14 Jul 2017, BB4
Oeneis chryxus ivallda, Mono Co., trail near Box Lake near Mammoth Lakes (town), 12 Jul 2017, JG1, new locality
Oeneis chryxus ivallda, Mono Co., ridge between Saddlebag Lake and Gardisky Lake, 2 Aug 2017, BB4, *stanislaus* forms common in location
Phyciodes mylitta mylitta, Kern Co., Lake Ming below Kern River Golf Course, 17 Oct 2017, KD, rare stray from Sierra Nevada
Phyciodes pulchella montana, Nevada Co., Bowman Lake Rd at Fall Cr., Yuba Pass, I-80 Crystal Lake Rd, 5800', 11 Jul 2019, KMR
Speyeria callippe nevadensis, Mono Co., White Mts., summit Campito Mtn., 11543', 30 Jul 2017, KN, very high and 1st record for range
Speyeria coronis coronis, **San Luis Obispo Co.**, Ragged Point Fire Rd. in NW part of county, 10 Jun 2019, JG1, previous records misidentified
Speyeria coronis coronis, Santa Clara Co., Mt. Hamilton, 19 Oct 2019, DR4, late for subspecies for state
Speyeria coronis hennei, Kern/Ventura Co., Mt. Pinos, 2 Jun 2017, SR, very common after lean years
Speyeria coronis hennei, Kern/Ventura Co., Mt. Pinos, 20 Jun 2017, MW
Speyeria coronis hennei, Kern/Ventura Co., Mt. Pinos, 7-15 Jun 2017, BB4, common
Speyeria coronis hennei, Ventura Co., Chuchupate Camp, Frazier Mt., 20 Jun 2017, MW, 1st report at locality in many years
Speyeria nokomis apacheana, Mono Co., Johnny Meadow area, Glass Mt butterfly count area, 27 Jul 2017, PGJ, new locality
Speyeria zereae, Nevada Co., Bowman Lake Rd. at Lindsey Creek, 5810', 11 Jul 2019, KMR, in blend zone between ssp *zereae* and ssp *monticola*
Vanessa cardui, Inyo Co., Westgard Pass Rd, Rt 168, 25 May 2019, KMR

Papilionidae:

Battus philenor hirsuta, Tuolumne Co., Ward's Ferry Rd leading to Tuolumne River, 16 Sep 2016, BAM, photo by Peggy Sells, new locality
Battus philenor philenor, Riverside Co., UC Riverside Botanical Gardens, Riverside, 5 Nov 2017, BB7, rare stray at late date
Battus philenor philenor, San Diego Co., Plum Canyon, Anza-Borrego SP, 5 Mar 2016, KW, rare stray in spring
Papilio eurymedon, Nevada Co., Bowman Lake Rd at Lindsey Cr., 5810', 11 Jul 2019, KMR
Papilio indra, Inyo Co., White Mts., Silver Canyon, 5 Jul 2017, BB4, several at mud, late for low elevation
Papilio indra near *indra*, Mono Co., NW above Mono Lake, along Dechambeau Creek, 20-29 Jun 2017, KN, unusual at foot of eastern Sierra Nevada
Papilio indra pergamus, Los Angeles Co., Mt. Baldy, San Gabriel Mts., 18 Apr & 12 Jul 2019, BG
Papilio indra pergamus, San Diego Co., Kwaaymii Point, 29 Mar 2017, SDL
Papilio indra pergamus, San Diego Co., Garnet Peak, 3 May 2017, SR, Mike Mulligan observed 20 and vouchered some
Papilio indra phyllisae, Inyo Co., mid-elevation, Nine Mile Canyon, 30 Apr 2019, KD, 2nd in this canyon
Papilio indra phyllisae, Tulare Co., Bald Mt., 9350', 8 Aug 2017, KD, near late date
Papilio machaon bairdii, San Bernardino Co., San Bernardino Mts., near Moonridge, 18 Jun 2019, KD, not extirpated from range, 2 observed
Papilio multicaudata pusillus, Alameda Co., N Oakland near MacArthur Blvd. exit, 13 Aug 2017, NA, very rare in county
Papilio polyxenes coloro, Inyo Co., Empasse Benchmark, N end Slate Range, 2453', 9 Apr 2017, MM4, unexpected range extension
Papilio polyxenes coloro, Riverside Co., Moreno Valley, 30 Apr 2017, BAM, black form 'clarki', photo by Rodney S. Kimoto
Papilio zelicaon, Kern Co., Summit, Butterbredt Peak, 11 May 2017, SR, 1st time on this peak
Parnassius clodius, Tulare Co., Boulder Creek, E of Big Meadow, Sequoia NM, 30 Jun 2017, KD, large segregate undescribed, common
Parnassius clodius, Tulare Co., Granite Domes near Big Meadows, Sequoia NM, 30 Jun 2017, KDR, locally common, also along rd to Boulder Creek on hills

Pieridae:

Abaeis nicippe, Inyo Co., White Mts, Narrows area W of Big Pine, Hwy 168, 2 May 2017, KD, localized migration in some numbers
Anthocharis cethura hadromarmorata, Inyo Co., SR 168 to Lake Sabrina, hills near Tollhouse Camp, 6500', 1 Apr 2019, RPM, very common
Anthocharis cethura hadromarmorata, Mono Co., Fish Slough, northern Owens Valley, 17 Apr 2019, KN, 2nd locality for county
Anthocharis cethura mojavensis, San Bernardino Co., Kingston Range, 17 Mar 2017, BGB
Anthocharis cethura pima, Imperial Co., 7 mi N of Ogilby, S34, near Cargo Muchaco Mts., 4 Mar 2019, RPM, pima not well known in county
Anthocharis cethura pima, Riverside Co., Chuckwalla Mts., 8 Feb 2019, MW, rarely seen in this range
Anthocharis julia stella, **Inyo Co.**, South Fork of Bishop Creek, 18 Jul 2019, PAO, with Evi Buckner Opler
Anthocharis julia stella, Mono Co., Hudsonian forest W below Saddlebag Lake, 30 Jul 2019, KD, unusual at this locality
Anthocharis julia stella, Nevada Co., SW Blue Lake E of Hwy 18 (Bowman Rd), 6075', 11 Jul 2019, KMR
Anthocharis lanceolata, San Diego Co., Kwaaymii Point, 29 Mar 2017, SDL
Anthocharis lanceolata lanceolata, Inyo Co., mid-elevations, Nine Mile Canyon, 23 Apr 2019, KD, 1st time in many years
Anthocharis lanceolata lanceolata, Plumas Co., off Grizzly Rd., N of Hwy 70, 20 May 2017, KN
Anthocharis thoosa thoosa, San Bernardino Co., Kingston Range, 17 Mar 2017, BGB
Anthocharis thoosa thoosa, San Bernardino Co., Mescal Range off I-15, 29 Mar 2017, MW, much more common than previously known
Colias behrii, Mono Co., Burro Pass near Matterhorn Peak, Yosemite NP, 12 Sep 2019, MW, photo, late for state
Colias eriphyle, Inyo Co., White Mts, Silver Canyon, 5 Jul 2017, BB4, scarce in county
Euchloe ausonides ausonides, San Luis Obispo Co., summit Santa Rita Rd, coast ranges, 31 May 2016, JG1, 2nd county record
Euchloe ausonides ausonides, San Luis Obispo Co., Santa Rita Rd, coast ranges, 22 Apr 2017, JG1, 3rd county record
Euchloe ausonides transmontana, Mono Co., rocky area W below Saddlebag Lake Dam, 29-30 Jul 2019, KD, late for state and rarely seen in area
Euchloe hyantis hyantis, Mono Co., Minaret Summit, 8965', 17 Jul 2019, PAO, with Evi Buckner Opler

Nathalis iole, Kern Co., Wofford Heights, Tillie Creek Camp-Lake Isabella, 28 Sep-28 Oct 2017, KD, very abundant after Lake Isabella flooded shores
Nathalis iole, Kern Co., Hanning Flat E side Lake Isabella, 28 Sep-23 Oct 2017, KD, very abundant after Lake Isabella flooded shores
Nathalis iole, Kern Co, Kern River, Hart Park, Bakersfield, 17 Oct 2017, KD, common were usually rare
Nathalis iole, Kern Co., Weldon, Kelso Valley Rd., Jct with SR 178, 7 Nov 2017, KD
Nathalis iole, Kern Co., Kern River, Hart Park, Bakersfield, 7 Aug-18 Sep 2019, KD, transient population, very unusual in San Joaquin Valley
Nathalis iole, Kern Co., Hanning Flat E side Lake Isabella, 21 Sep-5 Nov 2019, KD, outbreak numbers
Nathalis iole, Mono Co., 7 mi SE Mono Hills, 27 Jul 2019, PGJ
Nathalis iole, Tulare Co., Sherman Pass Rd. near Alder Creek, 6800', 27 Aug 2019, KD, 1st time at this locality
Nathalis iole, Tulare Co., Mineral King, Sequoia NP, 20 Jul 2019, AW3, 1st time in NP
Nathalis iole, Ventura Co., Owls Barn, Lockwood Valley Rd., 25 Apr 2019, KD, rarely seen in county
Neophasia menapia melanica, Mendocino Co., Big River Haul Rd, near Mendocino, 13 Aug 2017, RH2, late for state
Phoebis agarithe fisheri, San Bernardino Co., Big Morongo Preserve, Morongo Valley, Helmkamp Deck, 21-30 Jun 2017, JZ, accompanied by Bob Cullen, Tom Haworth, and Donna Thomas, recent discovery in park
Phoebis philea philea, Orange Co., Mile Square Regional Park, Fountain Valley, 7 Aug 2017, BB7, only report for state in 2017
Pieris marginalis venosa, **Santa Barbara Co.**, Quiota Creek, 15 Feb 2017, WVD
Pieris marginalis venosa, Santa Barbara Co., Quiota Creek, 2 Mar 2017, NL, photo, 2nd county record
Pieris marginalis venosa, Santa Barbara Co., Quiota Creek, 3 Mar 2017, JGP, voucher specimen
Pontia protodice, Kern Co., hills east side Lake Isabella, S of Kernville, 29 Jan 2019, KD, unusual in Jan
Pontia sisymbrii sisymbrii, Santa Barbara Co., San Rafael Mts., Cachuma Mt, 22 Apr 2017, NL, few records for county
Zerene cesonia cesonia, Riverside Co., Thousand Palms Canyon, 1.2 mi N Jct of 3 roads, 3 Jan 2017, RPM, early for state
Zerene cesonia cesonia, San Luis Obispo Co., Huerhuero Creek, Union Rd bridge, 3 mi E Paso Robles, 1 Jun 2019, JG1, 3rd record for county

Riodinidae:

Calephelis nemesis dammersi, Santa Barbara Co., Romero Canyon, 30 Sep 2017, NL, unusual on coastal slope
Calephelis nemesis dammersi, Santa Barbara Co., Arroyo Quemada, 26 Oct-9 Nov 2019, NL, few records for county
Calephelis wrighti, San Bernardino Co., Big Morongo Preserve, Morongo Valley, 30 Jun 2017, JZ, few records for county

Hawaii:

Erebidae

Melipotis indomita, Oahu Co., Kaneohe Beach Park, 12 Dec 2019, PRM, photo

Lycaenidae:

Zizina otis, Hawaii Co., Waiakea Pond, Hilo, 6 Sep 2017, AS2
Zizina otis, Oahu Co., Ho'omalohia Botanical Garden, Kaneohe, 11 Dec 2019, PRM

Nymphalidae:

Danaus plexippus, Oahu Co., Foster Botanical Gardens, 16 Dec 2019, PRM
Dione vanillae, Oahu Co., Kaneohe Beach Park, 12 Dec 2019, PRM

Crambidae:

Spoladea recurvalis, Oahu Co., Kaneohe Beach Park, 12 Dec 2019, PRM, photo

Nevada:

Erebidae:

Apantesis ornata, Elko Co., Angel Lake Rd, SW of Wells, last hairpin turn before top, 7450', 14-15 Jul 2019, JKA, Apparently not a lot of records for Nevada, dwarf aspen forest, 41.0173 N 115.0733 W

***Catocala relictata*, Lander Co., Grove Lake, 7450', 26 Sep 2019, LLC, State record?**

Spilosoma vagans, Elko Co., Angel Lake Rd, SW of Wells, last hairpin turn before top, 7450', 14-15 Jul 2019, JKA, Apparently not a lot of records for Nevada, dwarf aspen forest, 41.0173 N 115.0733 W

Hesperiidae:

Atalopedes campestris campestris, Washoe Co., Reno, Rancho, San Rafael Regional Park, 9 Jul 2017, RB2

Lycaenidae:

Callophrys gryneus chalcosiva, Douglas Co., US 395, N of Leviathan Mine Rd., 21 May 2017, KN
Habrodais grunus grunus, **Lyon Co.**, south of Fernley, Lake Lahontan, 5 Jul 2019, KD, accidental import?, photo by Carolyn Herberlein

Noctuidae:

***Sideridis rosea*, Elko Co.**, Angel Lake Rd, SW of Wells, last hairpin turn before top, 7450', 14-15 Jul 2019, JKA, Apparently not a lot of records for Nevada, dwarf aspen forest, 41.0173 N 115.0733 W, possible **State record**

Nymphalidae:

Chlosyne leanira alma, Clark Co., Goodsprings, 27 Apr 2019, MW, common after winter rains

Papilionidae:

Papilio polyxenes coloro, Clark Co., Goodsprings, 27 Apr 2019, MW, common after winter rains

Pieridae:

Anthocharis cethura mojavensis, Clark Co., Mesquite, 3 Mar 2017, MW, common
Anthocharis thooa thooa, Clark Co., Mesquite, 3 Mar 2017, MW

Riodinidae:

Apodemia palmerii, Nye Co., Longstreet Spring Outflow, Ash Meadows NWR, 18 Sep 2017, KD, photo by Jeannie Tinsman

Tortricidae:

Pelochrista crabtreei, Churchill Co., Edwards Creek Valley, 15 mi NE Cold Springs Sta., 5250', 28 May 2018, LLC

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

Coordinator: Charles E. Harp

Contributors: Steven J. Cary (SJC), Nancy & David Ewer (NDE), Michael S. Fisher (MSF), Chuck E. Harp (CEH), Kyle E. Johnson (KEJ), Samuel A. Johnson (SAJ), Steven J. Kohler (SJK), Michael L. Leski (MLL), Robert A. Martin (RAM), Eric P. Olson (EPO), Ronald J. Parry (RJP), Paul Thompson (PT1)

There were 19 contributors to the 2019 Summary, coming from 13 listed contributors and an additional fifty-one collectors and observers. Some contributors posted records for more than one state. This year's Summary for Zone 4 accounted for 46 county records and 1 state record for butterflies and 152 county and 10 state records for moths. It was a season that was marked by a mild winter and early Spring followed by dry conditions across the central and northern Plains persisting until October. Summer and Fall conditions yielded an extended flight and collecting period.

Notable among this season's entries was the number of new records for *Tyta luctuosa*, the spotted bindweed moth. This moth native to Asia, introduced twenty years ago on the west slope of Colorado and eastern Utah to help control bindweed was first seen in the eastern foothills of the Rockies two years ago in Larimer and Boulder Counties, Colorado. The moth has become common in Garfield Co., and was now noted by iNaturalist observers in seven new east-slope Colorado counties.

Alberta:

Kyle Johnson and Nancy Ewer submitted separate accounts on their trips across the region with a list of Lepidoptera. Four county records for moths were submitted.

Colorado:

Colorado experienced a wet winter with heavy late snow pack that delayed many of the Spring flights. Cool temperatures persisted through the Spring. 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.

Six contributors provided records from the 2019 season, including additional photographic and vouchered specimen data from a record 38 observers. The number of observers this year increased with the growing activities and enthusiasm of the iNaturalist community. Their observations and accuracy in providing localities has been extremely helpful. Seven new county records and a state record for *Zizula cyna* for butterflies were reported. Twenty-eight county records were reported and both *Sympistis anweilerii* and *Sympistis jocelynae* were state records.

John Nordin's generous 2018 donation to CSU's Gillette Museum included *Aseptis harpi*, a new locality and state record. Observers around Ft. Collins and Boulder continued to see and report *Hecatera dysodea* in disturbed areas on wild lettuce.

Montana:

Four contributors submitted records for butterflies and moths this season, adding 54 county records and six state records for moths from across the state. Steve Kohler submitted 34 county records for the Treasure State, finding his treasure in Blaine, Phillips and Hill counties. 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. Notable photographic and vouchered records were found among a growing iNaturalist community around Missoula. The area will be explored over the 2020 season by workers of a local ranch and Chuck Harp. With cooperation from the MPG Ranch, the Gillette Museum of Arthropod Diversity have started a study of moths on the ranch's 15,000 acre property.

New Mexico:

Steve Cary reported that the state had recovering rains that lasted into Spring. Cold temperatures came late in the summer, leading to another season of late and prolonged flight records. Ron Parry continued to add valuable data for the southwestern part of the state. Six county records for butterflies were noted as well as a total of 50 new county records for moths.

Three contributors posted records for New Mexico. Five additional observers aided in submissions this season.

Utah:

Three contributors and two iNaturalist observers sent submissions to the Summary. During the continuing moth survey in eastern Utah, sixteen county records were vouchered as well as two state records. Conditions in mid-May for the Four Corners area showed improvement over the past season, having better snowfall and recent rains. These conditions carried through into late summer where collecting was good into late-September.

Wyoming:

Mike Leski submitted a detailed account from collecting in Sublette County. James Adams added notes from his travels through the state.

RECORDS:

Alberta:

Crambidae:

Crambus lyonsellus, Lesser Slave River Co., Smith, 16 Jul 2019, KEJ, common in patterned fen

Crambus lyonsellus, Westlock Co., Clyde Fen, 15 Jul 2019, KEJ, **Provincial record**, western range extension, abundant in patterned fen

Elophila ekthlipsis, Bonnyville Co., Cold Lake, 17 Jul 2019, KEJ, 2nd AB record, common in very wet fen

Geometridae:

Ennomos magnaria, Mountain View city limits, 12 Sep 2019, NDE

Macaria sulphurea, Bonnyville Co., Cold Lake, 17 Jul 2019, KEJ, very wet fen

Hesperiidae:

Oarisma garita, Vermillion River Co., Kitscoty, 14 Jul 2019, KEJ, degraded grassland with prairie elements

Lycaenidae:

Agriades optilete, Lesser Slave River Co., Smith, 16 Jul 2019, KEJ

Lycaena cupreus, Waterton Lakes NP, Hwy 5, 12 Sep 2019, NDE

Lycaena helloides, Waterton Lakes NP, Hwy 5, 12 Sep 2019, NDE

Noctuidae:

Xestia oblata, Lesser Slave River Co., NW of Hondo, 16 Jul 2019, KEJ

Nymphalidae:

Lethe anhedon, Bonnyville Co., Cold Lake, 17 Jul 2019, KEJ, common in mesic aspen-spruce forest

Oeneis jutta, Lesser Slave River Co., Smith, 16 Jul 2019, KEJ, late date

Pieridae:

Colias gigantea, Lesser Slave River Co., NW of Hondo, 16 Jul 2019, KEJ

Plutellidae:

Eidophasia vanella, Lesser Slave River Co., NW of Hondo, 16 Jul 2019, KEJ

Colorado:

Cossidae:

Acossus centerensis, **Summit Co.**, Boulder Creek Trailhead, 7 mi. N of Silverthorne, 8540', 20 Jul 2019, EPO, 39.736767, -106.135586

Drepanidae:

Habrosyne scripta, **Summit Co.**, Boulder Creek Trailhead, 7 mi. N of Silverthorne, 8540', 20 Jul 2019, EPO, 39.736767, -106.135586

Erebidae:

Apantesis williamsii, Boulder Co., 4.6 mi. E of Ward, on Lefthand Canyon Dr., 7817', 25 Jun 2019, EPO, 40.068033, -105.444887

Apantesis williamsii, Summit Co., Boulder Creek Trailhead, 7 mi. N of Silverthorne, 8540', 20 Jul 2019, EPO, 39.736767, -106.135586

Catocala aholibah, **Boulder Co.**, Superior, N Torreys Peak Dr, 5528', 12 Aug 2019, EPO, 39.925600, -105.157160

Catocala amestris, Boulder Co., Superior, N Torreys Peak Dr, 5528', 10 Aug 2019, EPO, 39.925600, -105.157160

Catocala junctura, Boulder Co., Superior, N Torreys Peak Dr, 5528', 30 Jul-12 Aug 2019, EPO, 39.925600, -105.157160

Catocala ultronia, Boulder Co., Superior, N Torreys Peak Dr, 5528', 10-12 Aug 2019, EPO, 39.925600, -105.157160

Drasteria hudsonica, Summit Co., Boulder Creek Trailhead, 7 mi. N of Silverthorne, 8540', 20 Jul 2019, EPO, 39.736767, -106.135586

Drasteria pallescens, Boulder Co., 4.6 mi. E of Ward, on Lefthand Canyon Dr., 7817', 25 Jun 2019, EPO, 40.068033, -105.444887
Estigmene albida, **Summit Co.**, Boulder Creek Trailhead, 7 mi. N of Silverthorne, 8540', 20 Jul 2019, EPO, 39.736767, -106.135586

Geometridae:

Neoterpes trianguliferata, Boulder Co., 4.6 mi. E of Ward, on Lefthand Canyon Dr., 7817', 25 Jun 2019, EPO, 40.068033, -105.444887

Hesperiidae:

Ancyloxypha numitor, **Jefferson Co.**, Coal Creek from Plainview road just north of Hwy. 72, 7500', 31 Aug 2011, MSF, Photo record by Christian Nunes; BAMONA record #1199284

Erynnis funeralis, Boulder Co., Mallory Cave Trail, 9 Sep 2019, MSF, photo sent by Christian Nunes, 39.9777929N; -105.284075W

Erynnis funeralis, Lamar Co., South Lamar, 8 Aug 2019, MSF, photo by Janeal Thompson

Erynnis icelus, Gunnison Co., FR 744, 9500', along feeder creek to Spring Creek, 22 Jul 2019, MLL

Erynnis icelus, Lake Co., CO 91 at FR 134, 17 Jul 2019, MLL

Erynnis persius fredericki, Lake Co., CO 91 at FR 134, 17 Jul 2019, MLL

Erynnis telemachus, Mineral Co., FR 430 at north end of Shaw Lake, 20 Jul 2019, MLL

Erynnis tristis tatus, **Douglas Co.**, Roxborough Park, 8 Aug 2019, MSF, specimen collected by S. Mark Nelson, photos and dissection confirms ID, specimen at DMNS, N39-26.487'-W105-04.270', **State record**

Lerodea eufala, Prowers Co., 3 mi E Lamar, 0.25 mi S of US 50, 24 Sep 2019, MSF, observed by MSF on zinnia, photo by Dave Leatherman

Hesperia nevada, Hinsdale Co., Lake San Cristobal, off CR, 9000', 18 Jul 2019, MSF, few records from San Juan Mts., late from this altitude

Hesperia nevada, Montrose Co., Uncompahgre Plateau, top of Gov't Spring Rd., 7500', 24 Jun 2019, MSF, first record from plateau?

Hesperia pahaska, Las Animas Co., 10 Sep 2019, MSF, rare 2nd flight in eastern CO, photo record sent by Christian Nunes

Hesperia uncus, Baca Co., Picture Canyon, 30 Apr 2015, MSF, photo by Christian Nunes

Oarisma garita garita, Gunnison Co., FR 744, 9500', along feeder creek to Spring Creek, 22 Jul 2019, MLL

Pyrgus scriptura apertorum, Gunnison Co., FR 744, 9500', along feeder creek to Spring Creek, 22 Jul 2019, MLL

Staphylus hayhurstii, Lamar Co., South Lamar, 4 Aug 2019, MSF, photo by Janeal Thompson

Thymelicus lineola, **Gunnison Co.**, Taylor River SWA, catch & release area below dam, 7 Aug 2019, MSF, south range extension, BAMONA #1227676 from Nancy Crosby

Lasiocampidae:

Malacosoma americana, **Summit Co.**, Boulder Creek Trailhead, 7 mi. N of Silverthorne, 8540', 20 Jul 2019, EPO, 39.736767, -106.135586

Malacosoma californica, **Summit Co.**, Boulder Creek Trailhead, 7 mi. N of Silverthorne, 8540', 20 Jul 2019, EPO, 39.736767, -106.135586

Lycaenidae:

Agriades glandon rustica, Gunnison Co., FR 744, 9500', along feeder creek to Spring Creek, 22 Jul 2019, MLL

Brephidium exilis, Larimer Co., Ft. Collins, Spring Creek Trail east of Riverside Dr., 31 Aug 2019, MSF, BAMONA photo #1232656

Callophrys augustinus, Boulder Co., 1 mi E of Gold Hill on Sunshine Canyon Dr., 8442', 8 Jun 2019, EPO, 40.067075, -105.400238

Callophrys augustinus, Larimer Co., 0.38 mi SSE of Eggers Fishing Access Site, 12 May 2019, MSF, 40.685520, -105.495941

Callophrys mossii, Larimer Co., Arthur's Rock Trail, Lory State Park, 28 Apr 2019, MSF, 40.564021, -105.176901

Celastrina echo sidara, El Paso Co., Bear Canyon (Cheyenne Mt.?), 30-31 Jul, MSF, larva reared and photographed by Mary Ann Friedman, odd 2nd emergence?

Celastrina lucia, Boulder Co., 1 mi E of Gold Hill on Sunshine Canyon Dr., 8442', 8 Jun 2019, EPO, 40.067075, -105.400238

Cupido amyntula herri, Gunnison Co., FR 744, 9500', along feeder creek to Spring Creek, 22 Jul 2019, MLL

Glaucopsyche lygdamus oro, Lake Co., CO 91 at FR 134, 17 Jul 2019, MLL

Icaricia icarioides lycea, Gunnison Co., FR 744, 9500', along feeder creek to Spring Creek, 22 Jul 2019, MLL

Icaricia icarioides lycea, Summit Co., 4 mi N of Silverthorne on Hwy 9 @ Maryland Creek Park, 8583', 21 Jul 2019, EPO, 39.684244, -106.102944

Icaricia lupini lutzi, Summit Co., 4 mi N of Silverthorne on Hwy 9 @ Maryland Creek Park, 8583', 21 Jul 2019, EPO, 39.684244, -106.102944

Icaricia saepiolus, Summit Co., 1 mi S of Loveland Pass on Pass Lake Trail, 11743', 14 Aug-2 Sep 2019, EPO, 39.649720, -105.876100

Icaricia saepiolus whitmeri, Mineral Co., FR 430 at north end of Shaw Lake, 20 Jul 2019, MLL

Icaricia shasta, Larimer Co., within about 200m of Crown Point, 28 Jul 2019, MSF, 40.629786, -105.685489

Lycaena arota schellbachi, Eagle Co., 1 mi E of I-70 on Gore Creek Trail, 9229', 4 Aug 2019, EPO, 39.625556, -106.176389

Lycaena cupreus snowi, Summit Co., 1 mi S of Loveland Pass on Pass Lake Trail, 11743', 14 Aug-2 Sep 2019, EPO, 39.649720, -105.876100

Lycaena editha (xanthoides), **Boulder Co.**, Caribou Open Space along Sherwood Rd., 8300', 31 Jul 2019, MSF, photo by Venice Kelly, confirmed by MSF

Lycaena helloides, Gunnison Co., FR 744, 9500', along feeder creek to Spring Creek, 22 Jul 2019, MLL

Lycaena rubidus sirius, Gunnison Co., FR 744, 9500', along feeder creek to Spring Creek, 22 Jul 2019, MLL

Lycaena rubidus sirius, Summit Co., 1 mi SW of Silverthorne, Co Rd 1240 & Lord Gore Rd, 9225', 14 Aug 2019, EPO, 39.62168, -106.086840

Strymon melinus, Larimer Co., behind 2238 Sunstone Dr., Ft. Collins, 27 Mar 2019, MSF, 40.534266, -105.035827

Zizula cyna, **El Paso Co.**, W of Colorado Springs, along Gold Canyon Rd., 2047', 2 Jul 2006, SAJ, 38°49'48.8"N; -104°53'31.4"W (two specimens in his recent donation ID by PAO), **State record**

Noctuidae:

Apamea amputatrix, Summit Co., Boulder Creek Trailhead, 7 mi. N of Silverthorne, 8540', 20 Jul 2019, EPO, 39.736767, -106.135586

Apamea auranticolor, Summit Co., Boulder Creek Trailhead, 7 mi. N of Silverthorne, 8540', 20 Jul 2019, EPO, 39.736767, -106.135586

Calophasia lunula, **Boulder Co.**, Boulder, E of Table Mesa, 19 Jul 2019, CEH, photo on iNaturalist

Coranarta luteola, **Gunnison Co.**, Gunnison National Forest, Crested Butte, 12 Jul 2019, CEH, photo on iNaturalist

Egira curialis, **Douglas Co.**, Roxborough Park, W of Aurora Rampart Reservoir, 5900', 27 Apr 2019, CEH, in gamble oak thickets, UV/MV lights, 39.4561°N; -105.0736°W

Egira variabilis, **Douglas Co.**, Roxborough Park, W of Aurora Rampart Reservoir, 5900', 27 Apr 2019, CEH, in gamble oak thickets, UV/MV lights, 39.4561°N; -105.0736°W

Eupsilia colorado, **Douglas Co.**, Roxborough Park, W of Aurora Rampart Reservoir, 5900', 27 Apr 2019, CEH, in gamble oak thickets, UV/MV lights, 39.4561°N; -105.0736°W

Eupsilia colorado, Jefferson Co., 4.5 mi. W of Chatfield Lake, Wildcat Gulch, CR #124, 6222', 28 Mar-20 Apr 2019, CEH, Poplar/oak/cherry assoc., taken at bait, 39.5437°N; -105.1675°W

Hecatera dysodea, Larimer Co., Fort Collins, 8 Aug 2019, CEH, photo on BAMONA site

Lithophane contenta, **Douglas Co.**, Roxborough Park, W of Aurora Rampart Reservoir, 5900', 27 Apr 2019, CEH, in gamble oak thickets, UV/MV lights, 39.4561°N; -105.0736°W

Lithophane georgii, **Douglas Co.**, Roxborough Park, W of Aurora Rampart Reservoir, 5900', 27 Apr 2019, CEH, in gamble oak thickets, UV/MV lights, 39.4561°N; -105.0736°W

Lithophane torrida, **Douglas Co.**, Roxborough Park, W of Aurora Rampart Reservoir, 5900', 27 Apr 2019, CEH, in gamble oak thickets, UV/MV lights, 39.4561°N; -105.0736°W

Sideridis rosea, Boulder Co., 4.6 mi. E of Ward, on Lefthand Canyon Dr., 7817', 25 Jun 2019, EPO, 40.068033, -105.444887

Sympistis albifasciata, Mesa Co., 1.5 mi. S of Gateway, dry sand canyon above crk, 4820', 28 Sep 2019, CEH, Ericameria/poplar/pinyon, at uv/mv traps, 38.6569°N; -108.981028°W

Sympistis anweilerii, **Park Co.**, 2 mi SE of Bailey, Rd 68, 4820', 2-6 Aug 2019, CEH, Pike National Forest, dry ponderosa pine forest, 39.3932°N; -105.4650°W, **State record**

Sympistis buchis, Mesa Co., 1.5 mi. S of Gateway, dry sand canyon above crk, 4820', 28 Sep 2019, CEH, Ericameria/poplar/pinyon, at uv/mv traps, 38.6569°N; -108.981028°W

Sympistis hapi, Mesa Co., 1.5 mi. S of Gateway, dry sand canyon above crk, 4820', 28 Sep 2019, CEH, Ericameria/poplar/pinyon, at uv/mv traps, 38.6569°N; -108.981028°W

Sympistis ibapahensis, Mesa Co., 1.5 mi. S of Gateway, dry sand canyon above crk, 4820', 28 Sep 2019, CEH, Ericameria/poplar/pinyon, at uv/mv traps, 38.6569°N; -108.981028°W

Sympistis jocelynae, **Mesa Co.**, 1.5 mi. S of Gateway, dry sand canyon above crk, 4820', 28 Sep 2019, CEH, Ericameria/poplar/pinyon, at uv/mv traps, 38.6569°N; -108.981028°W, **State record**

Sympistis minor, Mesa Co., 1.5 mi. S of Gateway, dry sand canyon above crk, 4820', 28 Sep 2019, CEH, Ericameria/poplar/pinyon, at uv/mv traps, 38.6569°N; -108.981028°W

Sympistis pernotata, Mesa Co., 1.5 mi. S of Gateway, dry sand canyon above crk, 4820', 28 Sep 2019, CEH, Ericameria/poplar/pinyon, at uv/mv traps, 38.6569°N; -108.981028°W

Sympistis sanina, Mesa Co., 1.5 mi. S of Gateway, dry sand canyon above crk, 4820', 28 Sep 2019, CEH, Ericameria/poplar/pinyon, at uv/mv traps, 38.6569°N; -108.981028°W

Sympistis tetrops, Mesa Co., 1.5 mi. S of Gateway, dry sand canyon above crk, 4820', 28 Sep 2019, CEH, Ericameria/poplar/pinyon, at uv/mv traps, 38.6569°N; -108.981028°W

Sympistis utahensis, Mesa Co., 1.5 mi. S of Gateway, dry sand canyon above crk, 4820', 28 Sep 2019, CEH, Ericameria/poplar/pinyon, at uv/mv traps, 38.6569°N; -108.981028°W

Tyta luctuosa, **Adams Co.**, Commerce City, Gateway Rd, 10 Jul 2018, CEH, photo on iNaturalist

Tyta luctuosa, **Boulder Co.**, Boulder, N of Boulder Reservoir, 14 Jul-24 Sep 2019, CEH, photo on iNaturalist

Tyta luctuosa, **Boulder Co.**, Hwy 36W, Superior, 28 Jul 2019, CEH, photo on iNaturalist

Tyta luctuosa, **Broomfield Co.**, Broomfield, nr. Country Vista Park, 15 Sep 2019, CEH, photo on iNaturalist

Tyta luctuosa, **Denver Co.**, Denver, Children's Museum, 6 May 2019, CEH, photo on iNaturalist

Tyta luctuosa, **Gunnison Co.**, CR 712, E of Needle Rock Natural Area, 30 Aug 2016, CEH, photo on iNaturalist

Tyta luctuosa, **Jefferson Co.**, Golden, 600 17th St, 1 Jul 2016, CEH, photo on iNaturalist

Tyta luctuosa, **Jefferson Co.**, SW of Littleton, Deer Creek Canyon, 20 Sep 2019, CEH, photo on iNaturalist

Tyta luctuosa, **Mesa Co.**, Grand Junction, S Sedona Ct., 31 May 2019, CEH, photo on iNaturalist

Tyta luctuosa, **Pitkin Co.**, Carbondale, Stark Mesa Rd., 7 Jul 2019, CEH, photo on iNaturalist

Tyta luctuosa, **Weld Co.**, W of Greeley, CR 62 near 83rd Ave., 16 Jul 2019, CEH, photo on iNaturalist

Notodontidae:

Clostera albosigma, Boulder Co., 4.6 mi. E of Ward, on Lefthand Canyon Dr., 7817', 25 Jun 2019, EPO, 40.068033, -105.444887

Oligocentria pallida, **Summit Co.**, Boulder Creek Trailhead, 7 mi. N of Silverthorne, 8540', 20 Jul 2019, EPO, 39.736767, -106.135586

Pheosia rimosa, **Summit Co.**, Boulder Creek Trailhead, 7 mi. N of Silverthorne, 8540', 20 Jul 2019, EPO, 39.736767, -106.135586

Pheosidea elegans, Boulder Co., 4.6 mi. E of Ward, on Lefthand Canyon Dr., 7817', 25 Jun 2019, EPO, 40.068033, -105.444887

Nymphalidae:

Aglais milberti, Summit Co., 1 mi S of Loveland Pass on Pass Lake Trail, 11743', 14 Aug-2 Sep 2019, EPO, 39.649720, -105.876100

Agraulis vanillae, Prowers Co., 3 mi E Lamar, 0.25 mi S of US 50, 26 May 2019, MSF, reported by Lorie Kaczmarek, female at passion flower

Agraulis vanillae, Prowers Co., 3 mi E Lamar, 0.25 mi S of US 50, 13 Aug 2019, MSF, 2 observed by Janeal Thompson & Lorie Kaczmarek, many others observed by MSF on 25 Sep

Anaea andria, Arapahoe Co., Centennial Park, 5 Aug 2019, MSF, BAMONA photo #1223125

Anthanassa texana, Prowers Co., 3 mi E Lamar, 0.25 mi S of US 50, 12 Jun 2019, MSF, photo by Janeal Thompson

Boloria chariclea helena, Summit Co., 2.5 mi. NW on Willow Creek Falls Trail, 10200', 3 Aug 2019, EPO, 39.628991, -106.139553

Boloria chariclea helena, Summit Co., 1 mi S of Loveland Pass on Pass Lake Trail, 11743', 14 Aug-2 Sep 2019, EPO, 39.649720, -105.876100

Boloria eunomia alticola, Summit Co., 1 mi S of Loveland Pass on Pass Lake Trail, 11743', 14 Aug 2019, EPO, 39.649720, -105.876100

Chlosyne acastus arkanyon, Gunnison Co., FR 744, 9500', along feeder creek to Spring Creek, 22 Jul 2019, MLL

Chlosyne damoetas damoetas, Summit Co., 1 mi S of Loveland Pass on Pass Lake Trail, 11743', 14 Aug 2019, EPO, 39.649720, -105.876100

Chlosyne lacinia, Prowers Co., 3 mi E Lamar, 0.25 mi S of US 50, 13 Aug 2019, MSF, photo by Janeal Thompson, only observed in 2019

Coenonympha tullia ochraceas, Gunnison Co., FR 744, 9500', along feeder creek to Spring Creek, 22 Jul 2019, MLL

Coenonympha tullia ochraceas, Lake Co., CO 91 at FR 134, 17 Jul 2019, MLL

Danaus gilippus, Boulder Co., Walden Ponds, 7 Jul 2019, MSF, photo by Chris Friedman with MSF

Danaus gilippus, Prowers Co., 3 mi E Lamar, 0.25 mi S of US 50, 16 Jun 2019, MSF, reported by Lorie Kaczmarek as pristine, may be offspring of early stray

Danaus gilippus, **Rio Grande Co.**, Monte Vista NWA off SR15 south of Monte Vista, SLV, 16 Jul 2018, MSF, BAMONA submission from Parker Backstrom

Danaus plexippus, Boulder Co., Walden Ponds, 7 Jul 2019, MSF, photo by Chris Friedman with MSF

Erebia callias callias, Summit Co., Red Buffalo Pass, 11981', 3 Aug 2019, EPO, 39.625556, -106.176389

Erebia callias callias, Summit Co., 1 mi S of Loveland Pass on Pass Lake Trail, 11743', 31 Aug 2019, EPO, 39.649720, -105.876100

Erebia epipsodea, Summit Co., 1 mi S of Loveland Pass on Pass Lake Trail, 11743', 14 Aug-2 Sep 2019, EPO, 39.649720, -105.876100

Erebia epipsodea brucei, Summit Co., Silverthorne, 1 mi. W on Salt Lick Trail, 9580', 13 Jul 2019, EPO, 39.610385, -106.088870

Erebia magdalena, San Juan Co., Peak Three summit, 13478', 10 Jul 2019, PT1

Erebia magdalena, San Juan Co., saddle between Peak Two and Peak Three, 12930', 10 Jul 2019, PT1

Erebia magdalena, Summit Co., 1 mi S of Loveland Pass on Pass Lake Trail, 11743', 14 Aug 2019, EPO, 39.649720, -105.876100

Erebia pawlowskii, Boulder Co., Arapahoe Glacier Trail (nr. treeline), 4 Aug 2019, MSF, photo by Chrisitan Nunes, BAMONA photo #1222820, rare odd year emergence

Euphydryas anicia anicia, Boulder Co., 1 mi E of Gold Hill on Sunshine Canyon Dr., 8442', 9 Jul 2019, EPO, 40.067075, -105.400238

Euphydryas editha, Rio Blanco Co., Dillon Monument on Cathedral Bluffs, 8604', 15 Jun 2019, CEH, BAMONA photo #1213597

Euphydryas editha alebarki, Summit Co., Red Buffalo Pass, 11981', 3 Aug 2019, EPO, 39.625556, -106.176389

Junonia coenia grisea, **Archuleta Co.**, Round Meadow Ck., 1.5 mi. W. of CR700, 25 Aug 2019, MSF, sight record only - two, small and dark buckeyes in vegetated drainage ditch

Junonia zonalis nigrosuffusa, **Prowers Co.**, 3 mi E Lamar, 0.25 mi S of US 50, 17 Sep 2019, MSF, photo by Janeal Thompson, confirmed by MSF, BAMONA #1234705, 3rd record for CO

Limenitis weidemeyerii weidemeyerii, Summit Co., Silverthorne, 1 mi. W on Salt Lick Trail, 9580', 14 Jul 2019, EPO, 39.610385, -106.088870

Limenitis weidemeyerii weidemeyerii, Gunnison Co., FR 744, 9500', along feeder creek to Spring Creek, 22 Jul 2019, MLL

Neominois ridingsii, Huerfano Co., South ridge Greenhorn Peak, 11650', 21 Jun 2019, PT1

Oeneis bore edwardsi, **Summit Co.**, Red Mountain, E. of Breckenridge, 12300', 10 Jul 2019, MSF, photo by Pete Nesterenko, BAMONA #1216109

Oeneis chryxus chryxus, Gunnison Co., FR 744, 9500', along feeder creek to Spring Creek, 22 Jul 2019, MLL

Oeneis melissa, San Juan Co., Peak Three summit, elev. 13,478', 10 Jul 2019, PT1

Oeneis melissa, San Juan Co., saddle between Peak Two and Peak Three, 12930', 10 Jul 2019, PT1

Oeneis uhleri reinthali, Gunnison Co., FR 744, 9500', along feeder creek to Spring Creek, 22 Jul 2019, MLL

Oeneis uhleri uhleri, Boulder Co., 1 mi E of Gold Hill on Sunshine Canyon Dr., 8442', 9-27 Jul 2019, EPO, 40.067075, -105.400238

Phyciodes pulchella camillus, Gunnison Co., FR 744, 9500', along feeder creek to Spring Creek, 22 Jul 2019, MLL

Speyeria atlantis sorocko, Mineral Co., FR 648 at W Fork of San Juan River, 20 Jul 2019, MLL

Speyeria callippe meadi, Gunnison Co., FR 744, 9500', along feeder creek to Spring Creek, 22 Jul 2019, MLL

Speyeria edwardsii, Prowers Co., 3 mi E Lamar, 0.25 mi S of US 50, 19 Sep 2019, MSF, photo by Janeal Thompson confirmed by MSF, female on zinnia flower

Speyeria idalia, Larimer Co., Rawhide Flats Rd, Soapstone Prairie, 1 Sep 2019, MSF, 1 observed, 40.966391, -105.094085

Speyeria idalia, Weld Co., About 6.5 miles NW of Westplains, 13 Jul 2019, MSF, 40.890854, -103.612360

Vanessa cardui, Montrose Co., SE Montrose (in city limits) but also elsewhere, 20 Mar-7 May 2019, MSF, peak flight on 27 Apr, 100/min in back of home

Vanessa cardui, San Juan Co., Peak Three summit, elev. 13,478', 10 Jul 2019, PT1

Papilionidae:

Battus philenor, Prowers Co., 3 mi E Lamar, 0.25 mi S of US 50, 26 May-19 Jun 2019, MSF, reported by Janeal Thompson at Lorie Kaczmarek garden around pipevine

Papilio cresphontes, Denver Co., Denver Botanic Gardens, 10 Sep 2019, MSF, collected by Richard Levy, confirmed by MSF, submitted to BAMONA

Papilio cresphontes, Prowers Co., 3 mi E Lamar, 0.25 mi S of US 50, 13 Aug 2019, MSF, observed by MSF on zinnia, photo by Janeal Thompson confirmed by MSF, eggs layed on hop tree

Papilio multicaudata, Larimer Co., behind 2226 Sunstone Dr., Ft. Collins, 24 Apr 2019, MSF, form *minimulticaudata*, 40.534306, -105.036265

Papilio polyxenes fm. *pseudoamericus*, **Prowers Co.**, 3 mi. E. Lamar, 0.25 mi. south of US50, 30-31 Jul 2019, MSF, female photographed by Janeal Thompson at Lorie Kaczmarek garden on 7/30; worn male on 7/31

Papilio rumiko, **Arapahoe Co.**, vic. Arapahoe Road and University (6700 south), 4 Jul 2019, MSF, Photo by Jared Delrosso, confirmed by MSF; posted on BAMONA

Papilio rutulus, Lake Co., west end of Turquoise Reservoir, 18 Jul 2019, MLL

Papilio zelicaon, Summit Co., Red Buffalo Pass, 11981', 3 Aug 2019, EPO, 39.625556, -106.176389

Pieridae:

Abaeis nicippe, Clear Creek Co., Denver area and foothills west up to Chicago Creek, mid-late Jul 2019, MSF, influx up to 9000'

Abaeis nicippe, Morgan Co., South Ft. Morgan at Platte River, Jul-Aug 2019, MSF, influx up to 9000'

Anthocharis julia, Gilpin Co., Golden Gate SP, 1 Jul 2019, MSF, full yellow female, photo by Chris Friedman

Colias alexandra alexandra, Gunnison Co., FR 744, 9500', along feeder creek to Spring Creek, 22 Jul 2019, MLL

Colias alexandra alexandra, Mineral Co., FR 648 at W Fork of San Juan River, 20 Jul 2019, MLL

Colias pelidne skinneri, Gunnison Co., FR 744, 9500', along feeder creek to Spring Creek, 22 Jul 2019, MLL

Colias scudderii scudderii, Summit Co., 1 mi S of Loveland Pass on Pass Lake Trail, 11743', 14 Aug 2019, EPO, 39.649720, -105.876100

Euchloe ausonides coloradensis, Summit Co., 2.5 mi NW on Willow Creek Falls Trail, 10200', 3 Aug 2019, EPO, 39.628991, -106.139553

Eurema mexicana, Clear Creek Co., Denver area and foothills west up to Chicago Creek, mid-late Jul 2019, MSF, influx up to 9000'

Nathalis iole, Montrose Co., SE Montrose (in city limits), 24 Apr 2019, MSF, photo by Charlene Ryan in BAMONA, on cultivated *Senna Nathalis iole iole*, Summit Co., Silverthorne, 1 mi W on Salt Lick Trail, 9580', 13 Jul 2019, EPO, 39.610385, -106.088870
Pieris marginalis pseudonapi, Gunnison Co., FR 744, 9500', along feeder creek to Spring Creek, 22 Jul 2019, MLL
Pontia occidentalis, San Juan Co., Peak Three summit, 13478', 10 Jul 2019, PT1
Pontia protodice, San Juan Co., Peak Three summit, 13478', 10 Jul 2019, PT1
Pyrisitia lisa, **Teller Co.**, SR67 nr. Triple D Ranch Rd., N. of Woodland Park, 14 Sep 2019, MSF, Photo of fresh individual on aster flower by Mary Ann Friedman (Colorado Springs), confirmed by MSF
Pyrisitia nise, **Denver Co.**, E. Denver, vic. Colfax-Montview and Colorado Blvd, 17 Jul 2019, MSF, verified from photo, leg. Brian Banker

Saturniidae:

Coloradia doris, Boulder Co., Boulder Canyon Dr MM38 next to Boulder Creek, 5878', 12 Jun 2019, EPO, 40.006742, -105.330215
Coloradia luski, Boulder Co., 4.6 mi. E of Ward, on Lefthand Canyon Dr., 7817', 25 Jun 2019, EPO, 40.068033, -105.444887

Sphingidae:

Pachysphinx modesta, Boulder Co., 4.6 mi. E of Ward, on Lefthand Canyon Dr., 7817', 25 Jun 2019, EPO, 40.068033, -105.444887
Paonias myops, Summit Co., Boulder Creek Trailhead, 7 mi. N of Silverthorne, 8540', 20 Jul 2019, EPO, 39.736767, -106.135586

Montana:

Argyresthiidae:

Argyresthia conjugella, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 6 Aug 2019, RAM, photo, 46° 36.190' N; -112° 5.152' W

Bucculatricidae:

Bucculatrix ainsleilla, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 22 May 2019, RAM, photo, 46° 36.190' N; -112° 5.152' W

Crambidae:

Agriphila plumbifimbriellus, **Lewis & Clark Co.**, Helena city limits, 1 Aug 2019, NDE, at UV light
Fissicrambus mutabilis, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 3 Jul 2019, RAM, photo, 46° 36.190' N; -112° 5.152' W
Loxostege sierralis, **Missoula Co.**, South Fork Cold Creek, 5 mi W of Condon, 2 Aug 2019, RAM, photo, 47° 32.040' N; -113° 48.060' W

Depressariidae:

Exaeretia nivalis, **Lewis & Clark Co.**, East Fork Meadow Ck, Scapegoat Wilderness, 28 Aug 2011, RAM, ID by Kyhl Austin; 47° 6.180' N; -112° 46.476' W

Elachistidae:

Elachista coniophora, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 16 May 2019, RAM, photo, 46° 36.190' N; -112° 5.152' W
Elachista subalbida, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 1 Jul 2019, RAM, photo, 46° 36.190' N; -112° 5.152' W

Gelechiidae:

Aristotelia urbaurea, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 5 Jun 2019, RAM, photo, 46° 36.190' N; -112° 5.152' W
Coleotechnites coniferella, **Missoula Co.**, South Fork Cold Creek, 5 mi W of Condon, 2 Aug 2019, RAM, photo, 47° 32.040' N; -113° 48.060' W
Filatima loowita, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 18-22 Aug 2016, RAM, photo, ID suggested by Bugguide, 46° 36.190' N; -112° 5.152' W
Filatima xanthuris, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 17 Apr 2019, RAM, photo, 46° 36.190' N; -112° 5.152' W
Gelechia sabinellus, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 30 Mar 2019, RAM, photo, 46° 36.190' N; -112° 5.152' W
Gnorimoschema pedmontella, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 14 Aug 2017, RAM, photo, 46° 36.190' N; -112° 5.152' W
Phthorimaea operculella, **Lewis & Clark Co.**, East Helena, 414 ½ East Clark, 19 Jul 2012, RAM, photo, 46° 35.38' N; -111° 54.933' W
Xenolechia velatella, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 16 Jun 2019, RAM, photo, 46° 36.190' N; -112° 5.152' W

Geometridae:

Caripeta aequaliaria, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 2 Aug 2018, RAM, photo, 46° 36.190' N; -112° 5.152' W
Coryphista meadii, Fergus Co., Crystal Lake, Lewis & Clark NF, 10 Jul 2019, NDE, huge eruption
Coryphista meadii, Teton Co., Cave Mountain, Lewis & Clark NF, 5 Sep 2019, NDE
Cyclophora pendulinaria, **Lewis & Clark Co.**, Ten Mile Creek, Rimini, 5156', 16 Jun 2019, RAM, 46° 29.489' N; -112° 15.090' W
Dystroma formosa, Granite Co., Harry's Flat CG, Rock Creek, Lolo NF, 17 Jul 2019, NDE
Eudrepanulatrix rectifascia, **Missoula Co.**, South Fork Cold Creek, 5 mi W of Condon, 27 Jul 2019, RAM, photo, 47° 32.040' N; -113° 48.060' W
Eupithecia affinata, **Missoula Co.**, South Fork Cold Creek, 5 mi W of Condon, 22 Jul 2019, RAM, photo, 47° 32.040' N; -113° 48.060' W
Eupithecia quakerata, **Missoula Co.**, South Fork Cold Creek, 5 mi W of Condon, 6 Aug 2019, RAM, photo, 47° 32.040' N; -113° 48.060' W
Hydriomena ruberata, **Lewis & Clark Co.**, Ten Mile Creek, Rimini, 5156', 4 Jun 2019, RAM, 46° 29.489' N; -112° 15.090' W
Macaria colata, **Lewis & Clark Co.**, Helena city limits, 3 Aug 2019, NDE, at UV light
Orthonama obstipata, **Missoula Co.**, South Fork Cold Creek, 5 mi W of Condon, 13 Sep 2019, RAM, photo, 47° 32.040' N; -113° 48.060' W
Plagodis phlogosaria, **Lewis & Clark Co.**, Ten Mile Creek, Rimini, 5156', 16 Jun 2019, RAM, 46° 29.489' N; -112° 15.090' W
Rheumaptera subhastata, Fergus Co., Crystal Lake, Lewis & Clark NF, 10 Jul 2019, NDE, on water
Selenia alcippearia, **Missoula Co.**, South Fork Cold Creek, 5 mi W of Condon, 18 Jun 2019, RAM, photo, 47° 32.040' N; -113° 48.060' W
Stammnodes marmorata, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 4 Jun 2019, RAM, photo, 46° 36.190' N; -112° 5.152' W
Thalophaga hyperborea, **Lewis & Clark Co.**, Ten Mile Creek, Rimini, 5156', 4 Jun 2019, RAM, 46° 29.489' N; -112° 15.090' W

Gracillariidae:

Acrocercops pnosodiella, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 15 May 2019, RAM, photo, 46° 36.190' N; -112° 5.152' W

Hesperiidae:

Amblyscirtes oslari, **Blaine Co.**, N Fork Little Peoples Creek, Little Rocky Mts., SE Hays, 3800-4500', 17 Jun 2019, SJK
Amblyscirtes vialis, **Blaine Co.**, N Fork Little Peoples Creek, Little Rocky Mts., SE Hays, 4100', 26 Jun 2018, SJK

Carterocephalus palaemon, Judith Basin Co., Crystal Lake, Lewis & Clark NF, 10 Jul 2019, NDE, same locale as past 3 years
Megathymus streckeri leussleri, **Phillips Co.**, E Hwy 66, 5 mi N jct Hwy 191, 26 Jun 2018, SJK
Oarisma garita garita, **Blaine Co.**, N Fork Little Peoples Creek, Little Rocky Mts., SE Hays, 4400', 3 Jul 2018, SJK
Poanes hobomok hobomok, **Blaine Co.**, N Fork Little Peoples Creek, Little Rocky Mts., SE Hays, 4400', 3 Jul 2018, SJK
Polites mystic dacotah, **Golden Valley Co.**, W Coulee Rd, 1 mi. W. jct. Big Coulee Rd., S. Ryegate, 3840', 24 Jul 2019, SJK
Thymelicus lineola lineola, **Big Horn Co.**, E Pryor Rd, 11 mi. E Edgar, 4440', 6 Aug 2019, SJK
Thymelicus lineola lineola, **Blaine Co.**, N Fork Little Peoples Creek, Little Rocky Mts., SE Hays, 3800-4500', 17 Jul 2019, SJK
Thymelicus lineola lineola, **Golden Valley Co.**, W Coulee Rd, 1 mi. W. jct. Big Coulee Rd., S. Ryegate, 3840', 24 Jul 2019, SJK
Thymelicus lineola lineola, **Hill Co.**, NE end Bear Paw Lake, Beaver Creek Park, S. Havre, 3620', 18 Jul 2019, SJK

Incurvariidae:

Phylloporia bistrigella, **Lewis & Clark Co.**, Ten Mile Creek, Rimini, 5156', 16 Jun 2019, RAM, photo, 46° 29.489' N; -112° 15.090' W

Lycaenidae:

Callophrys augustinus, Lewis & Clark Co., Rogers Pass, Helena NF, 29 May 2019, NDE
Callophrys dumetorum, Lewis & Clark Co., Rogers Pass, Helena NF, 29 May 2019, NDE
Callophrys sheridani, Lewis & Clark Co., Rogers Pass, Helena NF, 29 May 2019, NDE
Callophrys sheridani, Lewis & Clark Co., Priest Pass, Helena NF, 29 May 2019, NDE
Callophrys sheridani, Teton Co., Pine Butte, 5 Jun 2019, NDE, being attacked on ground by spider
Icaricia icarioides, Judith Basin Co., Utica Rd., FR 487, 17 Jul 2019, NDE, 200+ at mud
Icaricia icarioides pembina, Sweet Grass Co., Half Moon Campground, 1 Aug 2019, MLL
Icaricia lupini, **Blaine Co.**, N Fork Little Peoples Creek, Little Rocky Mts., SE Hays, 3800-4500', 17 Jun 2019, SJK
Icaricia shasta minnehaha, **Phillips Co.**, White Rocks Rd, off Midale Rd., 2 mi. E jct. Hwy. 191, S. Malta, 2585', 20 Jun 2019, SJK
Lycaena editha vurali, Beaverhead Co., Bannock Pass, 30 Jul 2019, MLL
Lycaena mariposa, Lewis & Clark Co., Banner Creek trailhead, S side Red Mt, Helena NF, 18 Aug 2019, NDE
Plebejus idas atrapraetextus, Beaverhead Co., Bannock Pass, 30 Jul 2019, MLL
Plebejus idas atrapraetextus, Lincoln Co., Pete Creek (NF 338) just N of NF 5932, 21 Aug 2019, MLL
Plebejus idas longinus, Sweet Grass Co., Half Moon Campground, 1 Aug 2019, MLL
Satyrium californica, **Powell Co.**, Blackfoot Waterfowl Production Area, N. Hwy. 200, 8 mi. E. Ovando, 4330', 15 Jul 2019, SJK
Satyrium sylvinus nootka, Lincoln Co., Pete Creek (NF 338) just N of NF 5932, 21 Aug 2019, MLL

Lymantriidae:

Leucoma salicis, Lewis & Clark Co., Helena city limits, 3 Aug 2019, NDE, at UV light

Momphidae:

Mompha eloisella, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 12 Jul 2019, RAM, photo, 46° 36.190' N; -112° 5.152' W
Mompha raschkiella, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 1 Aug 2019, RAM, photo, 46° 36.190' N; -112° 5.152' W
Mompha unifasciella, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 20 Jun 2019, RAM, photo, 46° 36.190' N; -112° 5.152' W

Noctuidae:

Acronicta dactylina, Lewis & Clark Co., Helena city limits, 2 Aug 2019, NDE, at UV light
***Feralia comstocki*, Missoula Co.**, N of Seeley Lake, Hwy 83, 15 May 2015, CEH, iNaturalist record, **State record**
Heliopsis proruptionis, **Missoula Co.**, S of I-90, W of Hwy 102, 27 May 2019, CEH, iNaturalist record
Paragrotis exsertistigma, **Lewis & Clark Co.**, Helena city limits, 11 Jul 2019, NDE, at UV light
Schinia jaguarina, Lewis & Clark Co., Helena city limits, 1 Aug 2019, NDE, at UV light
***Sympistis chalybdis*, Missoula Co.**, MPG Ranch, S of Missoula, 23 Aug 2017, CEH, iNaturalist record, 46.7031N, -113.97795W, **State record**
***Sympistis greyi*, Missoula Co.**, MPG Ranch, S of Missoula, 29 Jun 2017, CEH, iNaturalist record, **State record**
Sympistis greyi, Missoula Co., MPG Ranch, S of Missoula, 27 Jul 2019, CEH, iNaturalist record
Sympistis greyi, Missoula Co., N of Missoula, Grant Creek, 12 Jul 2019, CEH, iNaturalist record
***Sympistis sokar*, Missoula Co.**, MPG Ranch, S of Missoula, 24 Jul 2017, CEH, iNaturalist record, **State record**
***Sympistis tenuifascia*, Missoula Co.**, MPG Ranch, S of Missoula, 23 Aug 2017, CEH, iNaturalist record, **State record**
***Sympistis youngi*, Missoula Co.**, MPG Ranch, S of Missoula, 23 Aug 2017, CEH, iNaturalist record, **State record**

Nymphalidae:

Boloria bellona jenistai, **Toole Co.**, Pratt Canyon, West Butte, Sweetgrass Hills, 4060-5000', 7 Jun 2018, SJK
Boloria selene tollandensis, **Blaine Co.**, W Clear Creek Rd, 6 mi. S. jct. Havre Rd., Bears Paw Mts., 3750', 18 Jul 2019, SJK
Boloria selene tollandensis, **Hill Co.**, NE end Bear Paw Lake, Beaver Creek Park, S. Havre, 3620', 18 Jul 2019, SJK
Chlosyne acastus, **Blaine Co.**, N Fork Little Peoples Creek, Little Rocky Mts., SE Hays, 3800-4500', 19 Jun 2019, SJK
Chlosyne palla blackmorei, **Blaine Co.**, N Fork Little Peoples Creek, Little Rocky Mts., SE Hays, 3800-4500', 26 Jun 2018, SJK
Chlosyne palla blackmorei, **Phillips Co.**, Beaver Creek Rd, Little Rocky Mts, NE Zortman, 4 Jul 2018, SJK
Limenitis archippus archippus, **Blaine Co.**, N ridge, N Fork Little Peoples Creek, Little Rocky Mts., SE Hays, 4500-5000', 5 Jul 2018, SJK
Limenitis arthemis rubrofasciata, **Blaine Co.**, N Fork Little Peoples Creek, Little Rocky Mts., SE Hays, 3800-4500', 26 Jun 2018, SJK
Limenitis lorquini itelkae, Lincoln Co., Pete Creek (NF 338) just N of NF 5932, 21 Aug 2019, MLL
Nymphalis californica, Madison Co., Branham Lakes, Beaverhead-Deerlodge NF, 21 Aug 2019, NDE
Nymphalis californica herri, **Blaine Co.**, N Fork Little Peoples Creek, Little Rocky Mts., SE Hays, 3800-4500', 3 Jul 2018, SJK
Nymphalis californica herri, **Phillips Co.**, Beaver Creek Rd, Little Rocky Mts, NE Zortman, 4 Jul 2018, SJK
Phyciodes batesii saskatchewan, **Blaine Co.**, N Fork Little Peoples Creek, Little Rocky Mts., SE Hays, 3800-4500', 26 Jun 2018, SJK
Phyciodes pallida barnesi, **Blaine Co.**, N Fork Little Peoples Creek, Little Rocky Mts., SE Hays, 3800-4500', 26 Jun 2018, SJK
Phyciodes pallida pallida, Sweet Grass Co., Half Moon Campground, 1 Aug 2019, MLL
Phyciodes pulchella camillus, Sweet Grass Co., Half Moon Campground, 2 Aug 2019, MLL
Phyciodes pulchella owimba, **Phillips Co.**, Beaver Creek Rd, Little Rocky Mts, NE Zortman, 4 Jul 2018, SJK
Polygona faunus cenveray, Lincoln Co., Pete Creek (NF 338) just N of NF 5932, 21 Aug 2019, MLL

Polygonia faunus cenveray, Sweet Grass Co., Half Moon Campground, 24-25 Aug 2019, MLL
Polygonia gracilis zephyrus, Lincoln Co., Pete Creek (NF 338) just N of NF 5932, 21 Aug 2019, MLL
Polygonia gracilis zephyrus, Missoula Co., US 12 at Fish Creek Rd., 31 Jul 2019, MLL
Polygonia gracilis zephyrus, Sweet Grass Co., Half Moon Campground, 2-25 Aug 2019, MLL
Polygonia satyrus satyrus, Lincoln Co., Pete Creek (NF 338) just N of NF 5932, 21 Aug 2019, MLL
Polygonia satyrus satyrus, Sweet Grass Co., Half Moon Campground, 24-25 Aug 2019, MLL
Speyeria atlantis hollandi, Lincoln Co., Pete Creek (NF 338) just N of NF 5932, 21 Aug 2019, MLL
Speyeria callippe gallatini, Beaverhead Co., Bannock Pass, 30 Jul 2019, MLL
Speyeria coronis halcyone, Sweet Grass Co., Half Moon Campground, 1-2 Aug 2019, MLL
Speyeria coronis snyderi, **Blaine Co.**, N Fork Little Peoples Creek, Little Rocky Mts., SE Hays, 3800-4500', 26 Jun 2018, SJK
Speyeria cybele, Powell Co., Coppers Lake, 15 Aug 2019, NDE
Speyeria cybele leto, Sweet Grass Co., Half Moon Campground, 2 Aug 2019, MLL
Speyeria cybele letona, Sweet Grass Co., Half Moon Campground, 1-24 Aug 2019, MLL
Speyeria edwardsii, Sweet Grass Co., Half Moon Campground, 1-2 Aug 2019, MLL
Speyeria egleis, **Phillips Co.**, Beaver Creek Rd, Little Rocky Mts, NE Zortman, 4 Jul 2018, SJK
Speyeria egleis albrighti, Sweet Grass Co., Half Moon Campground, 25 Aug 2019, MLL
Speyeria egleis macdunnoughi, Sweet Grass Co., Half Moon Campground, 1 Aug 2019, MLL
Speyeria hydaspae, **Blaine Co.**, N Fork Little Peoples Creek, Little Rocky Mts., SE Hays, 3800-4500', 26 Jun 2018, SJK
Speyeria hydaspae rhodope, Sweet Grass Co., Half Moon Campground, 1 Aug 2019, MLL
Speyeria mormonia eurytone, Sweet Grass Co., Half Moon Campground, 24 Aug 2019, MLL
Speyeria zerene picta, Sweet Grass Co., Half Moon Campground, 1-25 Aug 2019, MLL

Papilionidae:

Papilio canadensis, **Blaine Co.**, N Fork Little Peoples Creek, Little Rocky Mts., SE Hays, 3800-4500', 26 Jun 2018, SJK
Parnassius smintheus, Beaverhead Co., Bannock Pass, 30 Jul 2019, MLL

Pieridae:

Colias alexandra altamont, **Glacier Co.**, E Hwy 89, 9 mi. SE Browning, 4325', 29 May 2018, SJK
Colias alexandra altamont, **Phillips Co.**, White Rocks Rd, off Midale Rd., 2 mi. E jct. Hwy. 191, S. Malta, 2585', 20 Jun 2019, SJK
Colias alexandra altamont, **Pondera Co.**, W Hwy 89, 14 mi. N. Dupuyer, 4040', 29 May 2018, SJK
Colias christina sacajawea, **Blaine Co.**, N Fork Little Peoples Creek, Little Rocky Mts., SE Hays, 3800-4500', 26 Jun 2018, SJK
Colias christina sacajawea, **Phillips Co.**, Beaver Creek Rd, Little Rocky Mts, NE Zortman, 4 Jul 2018, SJK
Colias eurytheme, Sweet Grass Co., Half Moon Campground, 1-25 Aug 2019, MLL
Neophasia menapia, Powell Co., Coopers Lake, 15 Aug 2019, NDE

Psychidae:

Hyaloscotes pithopoera, **Missoula Co.**, South Fork Cold Creek, 5 mi W of Condon, 31 Jul 2019, RAM, FW is about 12mm, and there are about 20 antennal segments, 47° 32.040' N; -113° 48.060' W

Pyralidae:

Bandera binotella, Lewis & Clark Co., Helena city limits, 1 Aug 2019, NDE, at UV light
Etiella zinckenella, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 27 Jun 2019, RAM, photo, 46° 36.190' N; -112° 5.152' W
Interjectio denticulella, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 24 Jul 2019, RAM, photo, 46° 36.190' N; -112° 5.152' W

Sphingidae:

Hyles lineata, Madison Co., Branham Lakes, Beaverhead-Deerlodge NF, 21 Aug 2019, NDE

Tortricidae:

Acleris negundana, **Missoula Co.**, South Fork Cold Creek, 5 mi W of Condon, 16 Sep 2019, RAM, 47° 32.040' N; -113° 48.060' W
Ancylis simuloides, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 5 Sep 2019, RAM, photo, 46° 36.190' N; -112° 5.152' W
Apotomis funerea, **Missoula Co.**, South Fork Cold Creek, 5 mi W of Condon, 6 Aug 2019, RAM, 47° 32.040' N; -113° 48.060' W
Choristoneura fumiferana, Lewis & Clark Co., Helena city limits, 2 Aug 2019, NDE, at UV light
Clepsis clemensiana, **Lewis & Clark Co.**, East Helena, 414 ½ East Clark, 6 May 2017, RAM, photo, 46° 35.38' N; -111° 54.933' W
Clepsis persicana forbesi, **Lewis & Clark Co.**, East Helena, 414 ½ East Clark, 10 Jul 2010, RAM, photo, ID by Jason Dombroskie, 46° 35.38' N; -111° 54.933' W
Epinotia johnsonana, **Missoula Co.**, South Fork Cold Creek, 5 mi W of Condon, 14 May 2019, RAM, 47° 32.040' N; -113° 48.060' W
Eucosma autumnana, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 15 May 2019, RAM, photo, 46° 36.190' N; -112° 5.152' W
Eucosma columbiana, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 15 May 2019, RAM, photo, 46° 36.190' N; -112° 5.152' W
Eucosma crassana, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 3 May 2015, RAM, photo, 46° 36.190' N; -112° 5.152' W
Eucosma formosana, **Lewis & Clark Co.**, East Helena, 414 ½ East Clark, 10 May 2012, RAM, photo, 46° 35.38' N; -111° 54.933' W
Eucosma tenuiana, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 24 Aug 2019, RAM, photo, 46° 36.190' N; -112° 5.152' W
Eucosma transversa, **Lewis & Clark Co.**, Ten Mile Creek, Rimini, 5156', 4 Jun 2019, RAM, photo, 46° 29.489' N; -112° 15.090' W
Lozotaenia costinotana, **Missoula Co.**, South Fork Cold Creek, 5 mi W of Condon, 27 Jul 2019, RAM, 47° 32.040' N; -113° 48.060' W
Pelochrista corosana, **Rosebud Co.**, Ashland District Ranger Station, 23 Aug 2013, RAM, photo, SW¼ NW¼ S11, T3S R4E
Pelochrista daemonicana, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 8 Aug 2019, RAM, photo, ID confirmed by Jason Dombroskie, 46° 36.190' N; -112° 5.152' W
Pelochrista serapicana, **Lewis & Clark Co.**, East Helena, 414 ½ East Clark, 12 Aug 2011, RAM, photo, 46° 35.38' N; -111° 54.933' W
Platynota semiustana, **Missoula Co.**, South Fork Cold Creek, 5 mi W of Condon, 27 Jul 2019, RAM, 47° 32.040' N; -113° 48.060' W
Retinia burkeana, **Missoula Co.**, South Fork Cold Creek, 5 mi W of Condon, 15 Jul 2019, RAM, ID confirmed by Jason Dombroskie, 47° 32.040' N; -113° 48.060' W
Rhyacionia fumosana, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 5 Sep 2019, RAM, photo, ID suggested by Bugguide, 46° 36.190' N; -112° 5.152' W

Yponomeutidae:

Euhypnoneutoides gracilariella, **Lewis & Clark Co.**, 114 Clarke Place, Helena, 25 Jun 2019, RAM, photo, 46° 36.190' N; -112° 5.152' W

New Mexico:**Coleophoridae:**

Coleophora discostrata, **Grant Co.**, Big Burro Mts., Diamond A Dr., Gila NF, 5900', 19-20 Jun 2019, RJP, 32.6869 N, -108.4726 W; male specimen, MV lamp

Cosmopterigidae:

Triclonella xuthocelis, **Grant Co.**, Black Canyon Cpgd., Gila NF, 6700', 18-19 Jul 2019, RJP, 33.1839 N, -108.0359 W; male specimen, MV lamp

Cossidae:

Givira lotta, **Grant Co.**, Big Burro Mts., Diamond A Dr., Gila NF, 5900', 21-22 Jun 2019, RJP, 32.6869 N, -108.4726 W; male specimen, MV lamp

Crambidae:

Abegesta reluctalis, **Grant Co.**, Big Burro Mts., Diamond A Dr., Gila NF, 5900', 28-29 Jul 2019, RJP, 32.6869 N, -108.4726 W; male specimen, MV lamp

Evergestis vinctalis, **Hidalgo Co.**, Fisherman's Point, Lower Gila Box, 4100', 18-19 Mar 2019, RJP, 32.6295 N, -108.8556 W, MV lamp

Frechinia helianthiales, **Grant Co.**, Black Canyon Cpgd., Gila NF, 6700', 19-20 Jun 2019, RJP, 33.1839 N, -108.0359 W; male specimen, MV lamp

Nomophila nearctica, **Hidalgo Co.**, Fisherman's Point, Lower Gila Box, 4100', 11-12 Apr 2019, RJP, 32.6295 N, -108.8556 W, MV lamp

Pyrausta antisocialis, **Grant Co.**, Black Canyon Cpgd., Gila NF, 6700', 19-20 Jun 2019, RJP, 33.1839 N, -108.0359 W; female specimen, MV lamp

Pyrausta inaequalis, **Grant Co.**, Meadow Creek, Gila NF, 7200', 13-14 May 2018, RJP, 32.770 N, -108.516 W, MV lamp

Thaumatopsis pexellus, **Grant Co.**, Big Burro Mts., Diamond A Dr., Gila NF, 5900', 2-3 Nov 2019, RJP, 32.6869 N, -108.4726 W; male specimen, MV lamp

Urola nivalis, **Grant Co.**, Big Burro Mts., Diamond A Dr., Gila NF, 5900', 26-27 Jul 2019, RJP, 32.6869 N, -108.4726 W; male specimen, MV lamp

Erebidae:

Callistege intercalaris, **Grant Co.**, Axle Canyon Preserve, Big Burro Mts., Gila NF, 6000', 1-2 Aug 2018, RJP, 32.627 N, -108.513 W, male specimen, MV lamp

Catocala aholibah, **Grant Co.**, Forest Rd 4201M, Gila NF, 7500', 20-21 Aug 2017, RJP, 33.061 N, -107.997 W, female specimen, MV lamp

Catocala chelidonia, **Grant Co.**, Big Burro Mts., Diamond A Dr., Gila NF, 5900', 16-17 Jun 2019, RJP, 32.6869 N, -108.4726 W; male specimen, MV lamp

Catocala violenta, **Grant Co.**, Forest Rd 4201M, Gila NF, 7500', 20-21 Aug 2017, RJP, 33.061 N, -107.997 W, MV lamp

Drasteria ochracea, **Luna Co.**, off A016 rd, Chihuahuan desert, 4700', 12-13 Mar 2015, RJP, 32.4121 N, -107.7086 W, female specimen, MV lamp

Dysschema howardi, **Grant Co.**, Big Burro Mts., Diamond A Dr., Gila NF, 5900', 5-6 Aug 2019, RJP, 32.6869 N, -108.4726 W; male specimen, MV lamp

Haploa reversa, **Catron Co.**, Head of the Ditch campground, Apache NF, 7200', 24-25 Jun 2017, RJP, 33.8189 N, -108.9903 W; male specimen, MV lamp

Pseudohemihyalea labecula, **Catron Co.**, Forest Rd. 4018Y, Apache NF, 7400', 30-31 Aug 2018, RJP, 33.832 N, -109.027 W; female specimen, MV lamp

Tathorhynchus exsiccata, **Grant Co.**, Black Canyon Cpgd., Gila NF, 6700', 19-20 Jun 2019, RJP, 33.1839 N, -108.0359 W; male specimen, MV lamp

Toxonprucha volucris, **Hidalgo Co.**, Fisherman's Point, Lower Gila Box, 4100', 11-12 Apr 2019, RJP, 32.6295 N, -108.8556 W; male specimen, MV lamp

Virbia ostenta, **Grant Co.**, Forest Rd 4201M, Gila NF, 7500', 30-31 Aug 2018, RJP, 33.061 N, -107.997 W, MV lamp

Zale termina, **Grant Co.**, Axle Canyon Preserve, Big Burro Mts., Gila NF, 6000', 1-2 Aug 2018, RJP, 32.627 N, -108.513 W, MV lamp

Gelechiidae:

Frumenta nephelomicta, **Grant Co.**, Big Burro Mts., Diamond A Dr., Gila NF, 5900', 4-5 Sep 2018, RJP, 32.6869 N, -108.4726 W; male specimen, MV lamp

Geometridae:

Ceratonyx permagnaria, **Catron Co.**, Head of the Ditch campground, Apache NF, 7200', 24-25 Jun 2017, RJP, 33.8189 N, -108.9903 W; male specimen, MV lamp

Digrammia curvata, **Catron Co.**, San Francisco River Box, Apache NF, 6000', 18-19 May 2019, RJP, 33.786 N, -108.770 W; MV lamp

Digrammia curvata, **Grant Co.**, Saddle Rock Canyon, Big Burro Mts., Gila NF, 5200', 22-23 May 2018, RJP, 32.770 N, -108.516 W; male specimen, MV lamp

Digrammia triviata, **Grant Co.**, Meadow Creek, Gila NF, 7200', 13-14 May 2018, RJP, 32.770 N, -108.516 W; male specimen, MV lamp

Eriplatymetra grotearia, **Catron Co.**, San Francisco River Box, Apache NF, 6000', 18-19 May 2019, RJP, 33.786 N, -108.770 W; male specimen, MV lamp

Macaria deceptrix, **Hidalgo Co.**, Fisherman's Point, Lower Gila Box, 4100', 11-12 Apr 2019, RJP, 32.6295 N, -108.8556 W; MV lamp

Matigramma emmita, **Hidalgo Co.**, Fisherman's Point, Lower Gila Box, 4100', 11-12 Apr 2019, RJP, 32.6295 N, -108.8556 W; female specimen, MV lamp

Perizoma custodiata, **Hidalgo Co.**, Fisherman's Point, Lower Gila Box, 4100', 11-12 Apr 2019, RJP, 32.6295 N, -108.8556 W, MV lamp

Pero ancetaria, **Catron Co.**, San Francisco River Box, Apache NF, 6000', 18-19 May 2019, RJP, 33.786 N, -108.770 W; MV lamp
Phaeoura belua, Grant Co., Meadow Creek, Gila NF, 7200', 13-14 May 2018, RJP, 32.770 N, -108.516 W, MV lamp
Phaeoura mexicanaria, Grant Co., Meadow Creek, Gila NF, 7200', 13-14 May 2018, RJP, 32.770 N, -108.516 W, MV lamp
Sabulodes huachuca, Grant Co., Meadow Creek, Gila NF, 7200', 13-14 May 2018, RJP, 32.770 N, -108.516 W; male specimen, MV lamp
Scelidacantha triseriata, **Hidalgo Co.**, Fisherman's Point, Lower Gila Box, 4100', 11-12 Apr 2019, RJP, 32.6295 N, -108.8556 W; male specimen, MV lamp
Stamnades formosata, Grant Co., Axle Canyon Preserve, Big Burro Mts., Gila NF, 6000', 1-2 Aug 2018, RJP, 32.770 N, -108.516 W, MV lamp
Stenoporpia pulmonaria, Catron Co., off Forest Rd 94, Gila NF, 8200', 20-21 Aug 2015, RJP, 33.7181 N, -108.4683 W, male specimen, MV lamp, ID confirmed by examination of genitalia
Stenoporpia vernata, **Catron Co.**, San Francisco River Box, Apache NF, 6000', 18-19 May 2019, RJP, 33.786 N, -108.770 W; male specimen, MV lamp
Tornos erectarius, **Grant Co.**, Big Burro Mts., Diamond A Dr., Gila NF, 5900', 21-22 Jun 2019, RJP, 32.6869 N, -108.4726 W; female specimen, MV lamp
Vinemina catalina, Grant Co., Axle Canyon Preserve, Big Burro Mts., Gila NF, 6000', 1-2 Aug 2018, RJP, 32.770 N, -108.516 W, MV lamp

Hesperiidae:

Hesperia nevada, Santa Fe Co., Tesuque Peak, Sangre de Cristos, 12 Aug 2019, SJC, late record
Pholisora mejicanus, **Sandoval Co.**, Sandia Mts, SR 165, 26 Jul 2019, SJC, observation by Joe Schelling

Limacodidae:

Apoda maxima, **Grant Co.**, Big Burro Mts., Diamond A Dr., Gila NF, 5900', 15-16 Jun 2019, RJP, 32.6869 N, -108.4726 W, male specimen, MV lamp

Lycaenidae:

Erora quaderna, **Valencia Co.**, Canon Monte Largo, Manzano Mts, 7 Apr 2019, SJC, observation by Christopher Rustay

Noctuidae:

Abagrotis orbis, Grant Co., Saddle Rock Canyon, Big Burro Mts., Gila NF, 5200', 22-23 May 2018, RJP, 32.770 N, -108.516 W; male specimen, MV lamp
Acronicta thoracica, **Grant Co.**, Axle Canyon Preserve, Big Burro Mts., Gila NF, 6000', 1-2 Aug 2018, RJP, 32.627 N, -108.513 W, male specimen, MV lamp
Agrotis malefida, **Hidalgo Co.**, Fisherman's Point, Lower Gila Box, 4100', 18-19 Mar 2019, RJP, 32.6295 N, -108.8556 W; male specimen, MV lamp
Amiana niama, **Grant Co.**, Big Burro Mts., Diamond A Dr., Gila NF, 5900', 28-29 Jul 2019, RJP, 32.6869 N, -108.4726 W; female specimen, MV lamp
Anarta trifolii, Grant Co., Big Burro Mts., Diamond A Dr., Gila NF, 5900', 26-27 Sep 2019, RJP, 32.6869 N, -108.4726 W, MV lamp
Apamea geminimacula, Catron Co., off Forest Rd 94, Gila NF, 8200', 20-21 Aug 2015, RJP, 33.7181 N, -108.4683 W, male specimen, MV lamp
Condica temecula, Grant Co., Big Burro Mts., Diamond A Dr., Gila NF, 5900', 4-5 Sep 2018, RJP, 32.6869 N, -108.4726 W; male specimen, MV lamp
Egira variabilis, Grant Co., Saddle Rock Canyon, Big Burro Mts., Gila NF, 5200', 16-17 Apr 2018, RJP, 32.770 N, -108.516 W; male specimen, MV lamp
Euxoa inconcinna, Grant Co., Saddle Rock Canyon, Big Burro Mts., Gila NF, 5200', 22-23 May 2018, RJP, 32.770 N, -108.516 W; male specimen, MV lamp
Euxoa pimensis, Grant Co., Black Canyon Cpgd., Gila NF, 6700', 19-20 Jul 2019, RJP, 33.1839 N, -108.0359 W; female specimen, MV lamp
Euxoa serricornis, **Hidalgo Co.**, Fisherman's Point, Lower Gila Box, 4100', 11-12 Apr 2019, RJP, 32.6295 N, -108.8556 W; MV lamp
Gerra seorsora, Grant Co., Axle Canyon Preserve, Big Burro Mts., Gila NF, 6000', 1-2 Aug 2018, RJP, 32.627 N, -108.513 W, MV lamp
Gerrodes minatea, Grant Co., Axle Canyon Preserve, Big Burro Mts., Gila NF, 6000', 1-2 Aug 2018, RJP, 32.627 N, -108.513 W, male specimen, MV lamp
Grotella binda, Grant Co., Big Burro Mts., Diamond A Dr., Gila NF, 5900', 13-14 Aug 2017, RJP, 32.6869 N, -108.4726 W; male specimen, MV lamp
Hemibryomima chryselectra, **Grant Co.**, Axle Canyon Preserve, Big Burro Mts., Gila NF, 6000', 1-2 Aug 2018, RJP, 32.770 N, -108.516 W, male specimen, MV lamp
Hemieuxoa rudens, Grant Co., Saddle Rock Canyon, Big Burro Mts., Gila NF, 5200', 22-23 May 2018, RJP, 32.770 N, -108.516 W; female specimen, MV lamp
Hydroeciodes serrata, Catron Co., Apache NF, Forest Rd, 4018Y, 7400', 30-31 Aug 2018, RJP, 33.832 N, -109.027 W; female specimen, MV lamp
Lacinipolia franclemonti, **Grant Co.**, Meadow Creek, Gila NF, 7200', 13-14 May 2018, RJP, 32.9551 N, -108.1719 W; female specimen, MV lamp
Lacinipolia incurva, **Grant Co.**, Big Burro Mts., Diamond A Dr., Gila NF, 5900', 12-13 May 2019, RJP, 32.6869 N, -108.4726 W; male specimen, MV lamp
Lacinipolia sareta, **Hidalgo Co.**, Fisherman's Point, Lower Gila Box, 4100', 11-12 Apr 2019, RJP, 32.6295 N, -108.8556 W; female specimen, MV lamp
Lacinipolia spiculosa, **Grant Co.**, Forest Rd 4201M, Gila NF, 7500', 30-31 Aug 2018, RJP, 33.061 N, -107.997 W, MV lamp
Miracavira brillians, Grant Co., Axle Canyon Preserve, Big Burro Mts., Gila NF, 6000', 1-2 Aug 2018, RJP, 32.627 N, -108.513 W, MV lamp
Plagiomimicus manti, **Grant Co.**, Big Burro Mts., Diamond A Dr., Gila NF, 5900', 3-4 Sep 2018, RJP, 32.6869 N, -108.4726 W; male specimen, MV lamp
Ponometia venustula, **Grant Co.**, Big Burro Mts., Diamond A Dr., Gila NF, 5900', 13-14 Aug 2017, RJP, 32.6869 N, -108.4726 W; female specimen, MV lamp

- Protogygia biclavis*, Hidalgo Co., Fisherman's Point, Lower Gila Box, 4100', 18-19 Mar 2019, RJP, 32.6295 N, -108.8556 W; male specimen, MV lamp
- Protorthodes alfkenii*, Grant Co., Meadow Creek, Gila NF, 7200', 13-14 May 2018, RJP, 32.9551 N, -108.1719 W; female specimen, MV lamp
- Protorthodes mulina*, **Grant Co.**, Saddle Rock Canyon, Big Burro Mts., Gila NF, 5200', 22-23 May 2018, RJP, 32.770 N, -108.516 W; female specimen, MV lamp
- Pseudanarta flavidens*, Grant Co., Forest Rd 4201M, Gila NF, 7500', 30-31 Aug 2018, RJP, 33.061 N, -107.997 W, MV lamp
- Richia chortalis*, Grant Co., Forest Rd 4201M, Gila NF, 7500', 30-31 Aug 2018, RJP, 33.061 N, -107.997 W, MV lamp
- Richia parentalis*, Grant Co., Forest Rd 4201M, Gila NF, 7500', 30-31 Aug 2018, RJP, 33.061 N, -107.997 W, MV lamp
- Richia serano*, Grant Co., Forest Rd 4201M, Gila NF, 7500', 30-31 Aug 2018, RJP, 33.061 N, -107.997 W, MV lamp
- Schinia deserticola*, **Hidalgo Co.**, Fisherman's Point, Lower Gila Box, 4100', 18-19 Mar 2019, RJP, 32.6295 N, -108.8556 W; male specimen, MV lamp
- Schinia miniana*, Grant Co., Axle Canyon Preserve, Big Burro Mts., Gila NF, 6000', 1-2 Aug 2018, RJP, 32.627 N, -108.513 W, MV lamp
- Schinia oculata*, **Grant Co.**, Big Burro Mts., Diamond A Dr., Gila NF, 5900', 4-5 Sep 2018, RJP, 32.6869 N, -108.4726 W; female specimen, MV lamp
- Spaelotis bicava*, **Grant Co.**, Meadow Creek, Gila NF, 7200', 13-14 May 2018, RJP, 32.9551 N, -108.1719 W; female specimen, MV lamp
- Spragueia obatra*, Grant Co., Big Burro Mts., Diamond A Dr., Gila NF, 5900', 13-14 Aug 2017, RJP, 32.6869 N, -108.4726 W; male specimen, MV lamp
- Sympistis sorapis*, **Hidalgo Co.**, Fisherman's Point, Lower Gila Box, 4100', 18-19 Mar 2019, RJP, 32.6295 N, -108.8556 W; female specimen, MV lamp
- Ulolonche orbiculata*, Catron Co., San Francisco River Box, Apache NF, 6000', 18-19 May 2019, RJP, 33.786 N, -108.770 W; male specimen, MV lamp
- Notodontidae:**
- Clostera inornata*, **Catron Co.**, San Francisco River Box, Apache NF, 6000', 18-19 May 2019, RJP, 33.786 N, -108.770 W; MV lamp
- Litodonta gigantea*, Grant Co., Axle Canyon Preserve, Big Burro Mts., Gila NF, 6000', 1-2 Aug 2018, RJP, 32.770 N, -108.516 W, male specimen, MV lamp
- Oligocentria semirufescens*, **Grant Co.**, Big Burro Mts., Diamond A Dr., Gila NF, 5900', 7-8 Aug 2019, RJP, 32.6869 N, -108.4726 W; male specimen, MV lamp, possible **State record**
- Nymphalidae:**
- Heliconius charithonia*, Roosevelt Co., south side of Portales, 15 Sep 2019, SJC, observation by James Lofton
- Junonia coenia*, **Los Alamos Co.**, Los Alamos Nature Center, 27 Jul 2019, SJC, observation by Rozelle Wright
- Junonia genoveva*, **Los Alamos Co.**, Burnt Mesa, Bandelier NP, 26 Jul 2019, SJC, vouchered with others
- Junonia genoveva*, **Valencia Co.**, Canon Monte Largo, Manzano Mts, 8 Sep 2019, SJC, with Christopher Rustay
- Polygonia satyrus*, **Los Alamos Co.**, Los Alamos Reservoir, 22 Oct 2019, SJC, observation by Marc Bailey, late record
- Pieridae:**
- Colias philodice*, Rio Arriba Co., Los Luceros, 26 Dec 2019, SJC, observation by Rene Laubach, late record
- Pterophoridae:**
- Hellinsia inquinatus*, **Grant Co.**, Big Burro Mts., Diamond A Dr., Gila NF, 5900', 7-8 Nov 2019, RJP, 32.6869 N, -108.4726 W; male specimen, MV lamp
- Pyralidae:**
- Tallula baboquivarialis*, **Grant Co.**, Forest Rd 4201M, Gila NF, 7500', 17-18 Aug 2019, RJP, 33.061 N, -107.997 W, male specimen, MV lamp
- Toripalpus trabalis*, **Hidalgo Co.**, Fisherman's Point, Lower Gila Box, 4100', 11-12 Apr 2019, RJP, 32.6295 N, -108.8556 W, MV lamp
- Sesiidae:**
- Carmenta mimuli*, **Grant Co.**, Big Burro Mts., Diamond A Dr., Gila NF, 5900', 20-21 Aug 2019, RJP, 32.6869 N, -108.4726 W; male specimen, MV lamp
- Synanthedon exitiosa*, **Grant Co.**, Big Burro Mts., Diamond A Dr., Gila NF, 5900', 21-22 Jul 2019, RJP, 32.6869 N, -108.4726 W; male specimen, MV lamp
- Sphingidae:**
- Eumorpha achemon*, Grant Co., Black Canyon Cpgd., Gila NF, 6700', 18-19 Jul 2019, RJP, 33.1839 N, -108.0359 W; male specimen, MV lamp
- Hemaris thetis*, **Catron Co.**, Sheridan Corral trail, Gila NF, 6900', 24-25 Jul 2019, RJP, 33.266 N, -108.780 W; male specimen, netted, nectaring on *Monarda fistulosa*
- Tineidae:**
- Acrolophus filicornus*, Grant Co., Big Burro Mts., Diamond A Dr., Gila NF, 5900', 27-28 Jul 2019, RJP, 32.6869 N, -108.4726 W; male specimen, MV lamp
- Acrolophus minor*, Grant Co., Big Burro Mts., Diamond A Dr., Gila NF, 5900', 20-21 Jun 2019, RJP, 32.6869 N, -108.4726 W; male specimen, MV lamp, confirmed by P. Jump
- Acrolophus popeanella*, Grant Co., Big Burro Mts., Diamond A Dr., Gila NF, 5900', 28-29 Jul 2019, RJP, 32.6869 N, -108.4726 W; male specimen, MV lamp
- Acrolophus variabilis*, Grant Co., Big Burro Mts., Diamond A Dr., Gila NF, 5900', 23-24 Jun 2019, RJP, 32.6869 N, -108.4726 W; male specimen, MV lamp, confirmed by P. Jump
- Dyotopasta yumaella*, Grant Co., Big Burro Mts., Diamond A Dr., Gila NF, 5900', 19-20 Jun 2018, RJP, 32.6869 N, -108.4726 W; male specimen, MV lamp, confirmed by P. Jump
- Nemapogon defectella*, **Grant Co.**, Big Burro Mts., Diamond A Dr., Gila NF, 5900', 23-24 Jun 2019, RJP, 32.6869 N, -108.4726 W; male specimen, MV lamp

Tortricidae:

Endothenia melanosticta, **Grant Co.**, Black Canyon Cpgd., Gila NF, 6700', 18-19 Jun 2019, RJP, 33.1839 N, -108.0359 W; male specimen, MV lamp

Eucosma verna, **Grant Co.**, Black Canyon Cpgd., Gila NF, 6700', 18-19 Jun 2019, RJP, 33.1839 N, -108.0359 W; male specimen, MV lamp

Ypsolophidae:

Ypsolopha gerdanella, **Hidalgo Co.**, Fisherman's Point, Lower Gila Box, 4100', 11-12 Apr 2019, RJP, 32.6295 N, -108.8556 W; male specimen, MV lamp

Utah:**Erebidae:**

Catocala desdemona, **Grand Co.**, 1.5 mi E of Moab, along Hwy 128, 3970', 15-16 Jul 2019, JKA, Apparently not many records from Utah, possible County record, 38.6092 N 109.5567 W

Noctuidae:

Agrotis daedalus, **San Juan Co.**, 0.8 mi N of Bluff, W 3rd St, above Cottonwood Crk, 4382', 3 May 2019, CEH, *Ericameria/Atriplex* assoc., 37.2940°N; -109.5656°W

Dypterygia patina, **Grand Co.**, 1.5 mi E of Moab, along Hwy 128, 3970', 16-17 Jul 2019, JKA, 38.6092 N 109.5567 W, likely **State record**
Eucrotopcnemis dollii, San Juan Co., SW of Bluff, Sand Island primitive area, 4300', 26-29 Sep 2019, CEH, Poplar/*Ericameria/Rhus*, at uv/mv traps, 37.2605°N; -109.6205°W

Euros cervina, **Summit Co.**, Deer Valley, Park City, 10 Aug 2017, CEH, Eric Carpenter photo on iNaturalist, **State record**

Euxoa franclemonti, **Daggett Co.**, SW of Manila, 28 Jul 2018, MLL, 40.87143°N; -109.97205°W

Euxoa moerens, **Daggett Co.**, SW of Manila, 28 Jul 2018, MLL, 40.87143°N; -109.97205°W

Euxoa moerens, San Juan Co., SW of Bluff, Sand Island primitive area, 4300', 26-28 Sep 2019, CEH, Poplar/*Ericameria/Rhus*, at uv/mv traps, 37.2605°N; -109.6205°W

Plagiomimicus kathyae, San Juan Co., 6 mi W of Bluff, off Hwy 163, Comb Ridge site W of hwy, 4342', 26 Sep 2019, CEH, dry sandy creek, at uv/mv traps, 37.2659°N; -109.6753°W

Plagiomimicus kathyae, San Juan Co., Bluff, at Kokopelli Inn, 4332', 26-28 Sep 2019, CEH, cottonwd/tamarix/willow, at building lights, 37.2821°N; -109.5592°W

Plagiomimicus kathyae, San Juan Co., dunes off Bluff Airport Rd, 0.5 mi NNW of airstrip, 4515', 27 Sep 2019, CEH, at uv/mv traps, 37.2592°N; -109.6404°W

Plagiomimicus kathyae, **San Juan Co.**, SW of Bluff, Sand Island primitive area, 4300', 26-28 Sep 2019, CEH, Poplar/*Ericameria/Rhus*, at uv/mv traps, 37.2605°N; -109.6205°W

Rhizagrotis stylata, Garfield Co., 6 mi S of Panguitch, jct of Hwys 89/12 (at the Quality Inn), 16-17 Jul 2019, JKA, apparently uncommon

Schinia albafascia, San Juan Co., SW of Bluff, Sand Island primitive area, 4300', 26-28 Sep 2019, CEH, Poplar/*Ericameria/Rhus*, at uv/mv traps, 37.2605°N; -109.6205°W

Schinia argentifascia, **San Juan Co.**, SW of Bluff, Sand Island primitive area, 4300', 26-28 Sep 2019, CEH, Poplar/*Ericameria/Rhus*, at uv/mv traps, 37.2605°N; -109.6205°W

Schinia biundata, **San Juan Co.**, 0.8 mi N of Bluff, W 3rd St, above Cottonwood Crk, 4382', 3 May 2019, CEH, *Ericameria/Atriplex* assoc., 37.2940°N; -109.5656°W

Schinia errans, **San Juan Co.**, SW of Bluff, Sand Island primitive area, 4300', 26-28 Sep 2019, CEH, Poplar/*Ericameria/Rhus*, at uv/mv traps, 37.2605°N; -109.6205°W

Schinia oleagina, **San Juan Co.**, SW of Bluff, Sand Island primitive area, 4300', 26-28 Sep 2019, CEH, Poplar/*Ericameria/Rhus*, at uv/mv traps, 37.2605°N; -109.6205°W

Schinia roseitincta, **San Juan Co.**, SW of Bluff, Sand Island primitive area, 4300', 26-28 Sep 2019, CEH, Poplar/*Ericameria/Rhus*, at uv/mv traps, 37.2605°N; -109.6205°W

Schinia sanrafaeli, San Juan Co., 0.8 mi N of Bluff, W 3rd St, above Cottonwood Crk, 4382', 3 May 2019, CEH, *Ericameria/Atriplex* assoc., 37.2940°N; -109.5656°W

Schinia sanrafaeli, San Juan Co., SW of Bluff, Sand Island primitive area, 4300', 26-28 Sep 2019, CEH, Poplar/*Ericameria/Rhus*, at uv/mv traps, 37.2605°N; -109.6205°W

Schinia sanrafaeli, San Juan Co., dunes off Bluff Airport Rd, 0.5 mi NNW of airstrip, 4515', 27 Sep 2019, CEH, at uv/mv traps, 37.2592°N; -109.6404°W

Schinia sexplagiata, **San Juan Co.**, SW of Bluff, Sand Island primitive area, 4300', 26-28 Sep 2019, CEH, Poplar/*Ericameria/Rhus*, at uv/mv traps, 37.2605°N; -109.6205°W

Schinia unimacula, San Juan Co., SW of Bluff, Sand Island primitive area, 4300', 26-28 Sep 2019, CEH, Poplar/*Ericameria/Rhus*, at uv/mv traps, 37.2605°N; -109.6205°W

Schinia walsinghami, San Juan Co., SW of Bluff, Sand Island primitive area, 4300', 26-28 Sep 2019, CEH, Poplar/*Ericameria/Rhus*, at uv/mv traps, 37.2605°N; -109.6205°W

Sympistis augustus, San Juan Co., dunes off Bluff Airport Rd, 0.5 mi NNW of airstrip, 4515', 27 Sep 2019, CEH, at uv/mv traps, 37.2592°N; -109.6404°W

Sympistis buchis, San Juan Co., 6 mi W of Bluff, off Hwy 163, Comb Ridge site W of hwy, 4342', 26 Sep 2019, CEH, dry sandy creek, at uv/mv traps, 37.2659°N; -109.6753°W

Sympistis isis, **San Juan Co.**, SW of Bluff, Sand Island primitive area, 4300', 26-28 Sep 2019, CEH, Poplar/*Ericameria/Rhus*, at uv/mv traps, 37.2605°N; -109.6205°W

Sympistis isis, San Juan Co., 6 mi W of Bluff, off Hwy 163, Comb Ridge site W of hwy, 4342', 26 Sep 2019, CEH, dry sandy creek, at uv/mv traps, 37.2659°N; -109.6753°W

Sympistis isis, San Juan Co., dunes off Bluff Airport Rd, 0.5 mi NNW of airstrip, 4515', 27 Sep 2019, CEH, at uv/mv traps, 37.2592°N; -109.6404°W

Sympistis occata, San Juan Co., SW of Bluff, Sand Island primitive area, 4300', 26-28 Sep 2019, CEH, Poplar/*Ericameria/Rhus*, at uv/mv traps, 37.2605°N; -109.6205°W

Sympistis polingii, San Juan Co., 0.8 mi N of Bluff, W 3rd St, above Cottonwood Crk, 4382', 3 May 2019, CEH, *Ericameria/Atriplex* assoc., 37.2940°N; -109.5656°W

Sympistis sakhmet, San Juan Co., SW of Bluff, Sand Island primitive area, 4300', 26-28 Sep 2019, CEH, Poplar/*Ericameria/Rhus*, at uv/mv traps, 37.2605°N; -109.6205°W

Sympistis terminalis, San Juan Co., SW of Bluff, Sand Island primitive area, 4300', 26-28 Sep 2019, CEH, Poplar/*Ericameria/Rhus*, at uv/mv traps, 37.2605°N; -109.6205°W

Tyta luctuosa, Uintah Co., Maeser, W 1500 N nr N 2900 W, 4 Aug 2019, CEH, photo on iNaturalist

Notodontidae:

Hyparpax venus, Grand Co., 1.5 mi E of Moab, along Hwy 128, 3970', 15-16 Jul 2019, JKA, 8 specimens; I've taken this species in this location before, but there appear to be no records for Utah on MPG, 38.6092 N 109.5567 W

Wyoming:

Erebidae:

Spilosoma vagans, Sheridan Co., Elk View Inn, near jct of Hwys 14/14A, 8190', 11-12 Jul 2019, JKA, 44.7544 N 107.5008 W, probable County record, and likely farthest east in the U.S.

Hesperiidae:

Erynnis afranius, Sublette Co., Big Sandy Trail near Diamond Lake, 25 Jul 2019, MLL

Erynnis persius fredericki, Sublette Co., north side of North Lake, 25 Jul 2019, MLL

Hesperia colorado idaho, Sublette Co., FR 650 near FR 604, 10 Aug 2019, MLL

Pyrgus scriptura apertorum, Sublette Co., NE side of Big Sandy Lake, 25 Jul 2019, MLL

Lycaenidae:

Agriades glandon rustica, Sublette Co., N side of Arrowhead Lake, 25 Jul 2019, MLL

Agriades glandon rustica, Sublette Co., Alpine tundra above Valaite Lake, 12 Aug 2019, MLL

Callophrys eryphon eryphon, Sublette Co., Elkhart Park, 26 Jul 2019, MLL

Cupido amyntula albrighti, Sublette Co., hillside W of Valaite Lake, 28 Jul 2019, MLL

Glaucopsyche lygdamus oro, Sublette Co., NE side of Big Sandy Lake, 25 Jul 2019, MLL

Glaucopsyche lygdamus oro, Sublette Co., Twin Lakes trail at Porcupine Creek, 28 Jul 2019, MLL

Icaricia acmon, Sublette Co., Twin Lakes trail E of the Twin Lake, 12 Aug 2019, MLL

Icaricia icarioides lycea, Sublette Co., Big Sandy Trail trailhead, 24 Jul 2019, MLL

Icaricia icarioides lycea, Sublette Co., Elkhart Park, 26 Jul 2019, MLL

Icaricia icarioides lycea, Sublette Co., east side of Green River Lakes, 11 Aug 2019, MLL

Icaricia icarioides pembina, Sublette Co., east side of Green River Lakes, 11 Aug 2019, MLL

Icaricia icarioides pembina, Sublette Co., FR 650 near FR 604, 10 Aug 2019, MLL

Icaricia saepiolus whitmeri, Sublette Co., Big Sandy Trail trailhead, 24 Jul 2019, MLL

Icaricia saepiolus whitmeri, Sublette Co., NE side of Big Sandy Lake, 25 Jul 2019, MLL

Icaricia saepiolus whitmeri, Sublette Co., Elkhart Park, 26 Jul 2019, MLL

Icaricia saepiolus whitmeri, Sublette Co., FR 650 near FR 604, 27 Jul-10 Aug 2019, MLL

Icaricia saepiolus whitmeri, Sublette Co., hillside W of Valaite Lake, 28 Jul-12 Aug 2019, MLL

Lycaena cupreus snowi, Sublette Co., Big Sandy Trail trailhead, 24 Jul 2019, MLL

Lycaena cupreus snowi, Sublette Co., hillside W of Valaite Lake, 12 Aug 2019, MLL

Lycaena editha vurali, Sublette Co., FR 650 near FR 604, 27 Jul 2019, MLL

Lycaena editha vurali, Sublette Co., east side of Green River Lakes, 11 Aug 2019, MLL

Lycaena helloides, Sublette Co., FR 650 near FR 604, 10 Aug 2019, MLL

Lycaena heteronea gravenotata, Sublette Co., FR 650 near FR 604, 10 Aug 2019, MLL

Lycaena heteronea gravenotata, Sublette Co., east side of Green River Lakes, 11 Aug 2019, MLL

Lycaena mariposa penroseae, Sublette Co., Elkhart Park, 10 Aug 2019, MLL

Lycaena mariposa penroseae, Sublette Co., hillside W of Valaite Lake, 12 Aug 2019, MLL

Lycaena nivalis, Sublette Co., Big Sandy Trail trailhead, 24 Jul 2019, MLL

Lycaena phlaeas arctodon, Sublette Co., north side of North Lake, 25 Jul 2019, MLL

Plebejus idas atrapraetextus, Sublette Co., north side of North Lake, 25 Jul 2019, MLL

Plebejus idas atrapraetextus, Sublette Co., hillside W of Valaite Lake, 28 Jul-12 Aug 2019, MLL

Plebejus idas atrapraetextus, Sublette Co., east side of Green River Lakes, 11 Aug 2019, MLL

Plebejus idas longinus, Sublette Co., Elkhart Park, 26 Jul 2019, MLL

Plebejus idas longinus, Sublette Co., FR 650 near FR 604, 27 Jul 2019, MLL

Plebejus idas longinus, Sublette Co., north side of North Lake, 25 Jul 2019, MLL

Noctuidae:

Trichordestra dodii, Sheridan Co., Elk View Inn, near jct of Hwys 14/14A, 8190', 11-12 Jul 2019, JKA, 44.7544 N 107.5008 W, uncommon, likely County record

Nymphalidae:

Boloria alaskensis halli, Sublette Co., Alpine tundra above Valaite Lake, 12 Aug 2019, MLL

Boloria chariclea helena, Sublette Co., Big Sandy Trail trailhead, 24 Jul 2019, MLL
Boloria chariclea helena, Sublette Co., north side of North Lake, 25 Jul 2019, MLL
Boloria chariclea helena, Sublette Co., Elkhart Park, 26 Jul-10 Aug 2019, MLL
Boloria freija browni, Sublette Co., north side of North Lake, 25 Jul 2019, MLL
Boloria kreimhild, Sublette Co., hillside W of Valaite Lake, 28 Jul 2019, MLL
Cercyonis oetus charon, Sublette Co., east side of Green River Lakes, 10 Aug 2019, MLL
Chlosyne damaetas windriver, Sublette Co., Alpine tundra above Valaite Lake, 12 Aug 2019, MLL
Chlosyne palla calydon, Sublette Co., Elkhart Park, 26 Jul-10 Aug 2019, MLL
Chlosyne whitneyi, Sublette Co., north side of North Lake, 25 Jul 2019, MLL
Chlosyne whitneyi, Sublette Co., hillside W of Valaite Lake, 28 Jul 2019, MLL
Coenonympha haydenii, Sublette Co., Elkhart Park, 26 Jul 2019, MLL
Coenonympha haydenii, Sublette Co., FR 650 near FR 604, 27 Jul 2019, MLL
Erebia callias callias, Sublette Co., north side of North Lake, 25 Jul 2019, MLL
Erebia callias callias, Sublette Co., hillside W of Valaite Lake, 12 Aug 2019, MLL
Erebia magdalena hichie, Sublette Co., hillside W of Valaite Lake, 28 Jul 2019, MLL
Limenitis weidemeyerii latifascia, Sublette Co., Elkhart Park, 26 Jul 2019, MLL
Oeneis alberta oslari, Sublette Co., Big Sandy Trail trailhead, 24 Jul 2019, MLL
Oeneis chryxus chryxus, Sublette Co., Elkhart Park, 26 Jul 2019, MLL
Oeneis chryxus chryxus, Sublette Co., hillside W of Valaite Lake, 28 Jul 2019, MLL
Oeneis jutta reducta, Sublette Co., Porcupine Creek trail, 8500', 28 Jul 2019, MLL
Phyciodes pulchella camillus, Sublette Co., hillside W of Valaite Lake, 28 Jul 2019, MLL
Phyciodes pulchella owimba, Sublette Co., Elkhart Park, 10 Aug 2019, MLL
Phyciodes pulchella owimba, Sublette Co., east side of Green River Lakes, 11 Aug 2019, MLL
Speyeria atlantis sorocko, Sublette Co., Elkhart Park, 26 Jul 2019, MLL
Speyeria coronis snyderi, Sublette Co., Elkhart Park, 26 Jul-10 Aug 2019, MLL
Speyeria edwardsii, Sublette Co., Big Sandy Trail trailhead, 25 Jul 2019, MLL
Speyeria hesperis tetonia, Sublette Co., Elkhart Park, 26 Jul 2019, MLL
Speyeria hydasphe rhodope, Sublette Co., Big Sandy Trail trailhead, 25 Jul 2019, MLL
Speyeria hydasphe rhodope, Sublette Co., Elkhart Park, 26 Jul 2019, MLL
Speyeria hydasphe rhodope, Sublette Co., Twin Lakes trail at Porcupine Creek, 28 Jul 2019, MLL
Speyeria mormonia eurydone, Sublette Co., Big Sandy Trail trailhead, 24 Jul 2019, MLL
Speyeria mormonia eurydone, Sublette Co., Elkhart Park, 26 Jul 2019, MLL
Speyeria mormonia eurydone, Sublette Co., east side of Green River Lakes, 11 Aug 2019, MLL
Speyeria mormonia eurydone, Sublette Co., hillside W of Valaite Lake, 12 Aug 2019, MLL
Speyeria zerene platina, Sublette Co., Elkhart Park, 26 Jul 2019, MLL

Papilionidae:

Parnassius smintheus, Sublette Co., east side of Green River Lakes, 11 Aug 2019, MLL

Pieridae:

Anthocharis sara julia, Sublette Co., Big Sandy Trail near Diamond Lake, 25 Jul 2019, MLL
Anthocharis sara julia, Sublette Co., hillside W of Valaite Lake, 28 Jul 2019, MLL
Colias eurytheme, Sublette Co., Twin Lakes trail at Porcupine Creek, 28 Jul 2019, MLL
Colias philodice eriphyle, Sublette Co., Big Sandy Trail trailhead, 24 Jul 2019, MLL
Colias philodice eriphyle, Sublette Co., north side of North Lake, 25 Jul 2019, MLL
Colias philodice eriphyle, Sublette Co., Twin Lakes trail at Porcupine Creek, 28 Jul 2019, MLL
Colias philodice eriphyle, Sublette Co., east side of Green River Lakes, 10 Aug 2019, MLL
Colias meadii meadii, Sublette Co., hillside W of Valaite Lake, 28 Jul-12 Aug 2019, MLL
Colias pelidne skinneri, Sublette Co., hillside W of Valaite Lake, 12 Aug 2019, MLL
Euchloe ausonides coloradensis, Sublette Co., Big Sandy Trail trailhead, 24 Jul 2019, MLL
Euchloe ausonides coloradensis, Sublette Co., NE side of Big Sandy Lake, 25 Jul 2019, MLL
Euchloe ausonides coloradensis, Sublette Co., hillside W of Valaite Lake, 28 Jul 2019, MLL
Pieris marginalis pseudonapi, Sublette Co., hillside W of Valaite Lake, 28 Jul 2019, MLL
Pontia occidentalis occidentalis, Sublette Co., N side of Arrowhead Lake, 25 Jul 2019, MLL
Pontia occidentalis occidentalis, Sublette Co., hillside W of Valaite Lake, 12 Aug 2019, MLL

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

Coordinator Michael M. Ellsbury

Contributors: James K. Adams (JKA), W. David Arbour (WDA), Jim W. Arterburn (JWA), Aterburn, J.C & K.C. Williams (A&W), Mark Black (MAB), Mark A. Brogie (MB5), Jennifer Dankert (JLD), Neil E. Dankert (NED), John Fisher (JFF), Alex & Ljiljana Grkovich (ALG), Carolyn Hall (CJH), Eric Haskell (EH1), Cliff Ivy (CAI), Kyle E. Johnson (KEJ), Michael L. Leski (MLL), Baillie Luff (BDL), Nicole Luhr (NL1), Louise Lynch-O'Brien (LLO), Donne Martin (DM2), D. & K. Munson

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No written summary was provided by the zone coordinator.

RECORDS:

Manitoba:

Crambidae:

Crambus alienellus, Eastman Region, Northwest Angle Provincial Forest, 12-13 Jun 2019, KEJ

Depressariidae:

Exaeretia fulva, Eastman Region, Vassar, 24 Aug 2019, KEJ

Gonioterma mistrella, Eastman Region, St. Labre Creek Peatlands, 25 Aug 2019, KEJ

Erebidae:

Hypenodes palustris, Eastman Region, St. Labre Creek Peatlands, 25 Aug 2019, KEJ

Geometridae:

***Apodrepanulatrix liberaria*, Eastman Region, Badger and Vassar, 24 Aug 2019, KEJ, jack pine woodland with scattered New Jersey tea, Provincial record**

Apodrepanulatrix liberaria, Eastman Region, St. Labre, 25 Aug 2019, KEJ, abundant, flushed during day from New Jersey tea patches

Macaria occiduaria, Eastman Region, Vassar, 24 Aug 2019, KEJ

Orthonama evansi, Eastman Region, St. Labre Creek Peatlands, 25 Aug 2019, KEJ

Zenopheps lignicolorata, Eastman Region, Vassar, 24 Aug 2019, KEJ

Gracillariidae:

Caloptilia vacciniella, Eastman Region, Vassar, 24 Aug 2019, KEJ

Hesperiidae:

Amblyscirtes vialis, Division 18, Man 6 near Pineimuta Lake, 14 Jun 2019, MLL

Amblyscirtes vialis, Division 23, ditch on Mine Rd just outside town of Leaf Rapids, 17 Jun 2019, MLL

Cercropterus pylades, Division 18, Man 6 near Pineimuta Lake, 14 Jun 2019, MLL

Erynnis brizo, Division 18, Man 6 near Pineimuta Lake, 14 Jun 2019, MLL

Erynnis icelus, Division 18, Man 6 near Pineimuta Lake, 14 Jun 2019, MLL

Erynnis icelus, Division 22, Man 6 at Man 373, 15 Jun 2019, MLL

Erynnis icelus, Division 23, Bog 2 mi S of town of Leaf Rapids, 16 Jun 2019, MLL

Erynnis icelus, Division 23, ditch on Mine Rd just outside town of Leaf Rapids, 17 Jun 2019, MLL

Erynnis icelus, Division 23, Man 391 two mi E of Hughes River bridge, 22 Jun 2019, MLL

Erynnis icelus, Division 23, Man 391 ten air mi S of town of Leaf Rapids, 29 Jun 2019, MLL

Poanes hobomok, Division 18, Man 6 near Pineimuta Lake, 14 Jun 2019, MLL

Pyrgus centaurae, Eastman Region, Boggy River Peatlands, 12 Jun 2019, KEJ, in spruce bog, near bedrock outcrops

Pyrgus centaurae freija, Division 23, bog 42 air mi S of town of Leaf Rapids, 19 Jun 2019, MLL, 55.868 N -99.711 W

Lycaenidae:

Callophrys augustinus, Division 18, Man 6 near Pineimuta Lake, 14 Jun 2019, MLL

Callophrys augustinus, Division 22, Man 6 at Man 373, 15 Jun 2019, MLL

Callophrys augustinus, Division 23, Bog 2 mi S of town of Leaf Rapids, 16 Jun 2019, MLL

Callophrys augustinus, Division 23, bog 42 air mi S of town of Leaf Rapids, 18-19 Jun 2019, MLL, 55.868 N -99.711 W

Callophrys niphon clarki, Division 22, Man 6 at Man 373, 15 Jun 2019, MLL

Callophrys niphon clarki, Division 23, Bog 2 mi S of town of Leaf Rapids, 16 Jun 2019, MLL

Callophrys niphon clarki, Division 23, ditch on Mine Rd just outside town of Leaf Rapids, 17 Jun 2019, MLL

Callophrys niphon clarki, Division 23, bog 42 air mi S of town of Leaf Rapids, 18-29 Jun 2019, MLL, 55.868 N -99.711 W

Callophrys niphon clarki, Division 23, Man 391 two mi E of Hughes River bridge, 22 Jun 2019, MLL

Celastrina lucia, Division 18, Man 6 near Pineimuta Lake, 14 Jun 2019, MLL

Celastrina lucia, Division 22, Man 6 at Man 373, 15 Jun 2019, MLL

Celastrina lucia, Division 23, Bog 2 mi S of town of Leaf Rapids, 16 Jun 2019, MLL

Celastrina lucia, Division 23, bog 42 air mi S of town of Leaf Rapids, 18-19 Jun 2019, MLL, 55.868 N -99.711 W

Celastrina lucia, Division 23, Man 391 two mi E of Hughes River bridge, 22 Jun 2019, MLL

Cupido amyntula, Division 23, Man 391 two mi E of Hughes River bridge, 28 Jun 2019, MLL

Cupido amyntula, Division 23, Man 391 ten air mi S of town of Leaf Rapids, 29 Jun 2019, MLL

Glaucopsyche lygdamus couperi, Division 18, Man 6 near Pineimuta Lake, 14 Jun 2019, MLL

Glaucopsyche lygdamus couperi, Division 19, Man 6 four mi N of North Two Rivers, 30 Jun 2019, MLL

Glaucopsyche lygdamus couperi, Division 22, Man 6 at Man 373, 15 Jun 2019, MLL

Glaucopsyche lygdamus couperi, Division 23, Bog 2 mi S of town of Leaf Rapids, 16 Jun 2019, MLL

Glaucopsyche lygdamus couperi, Division 23, ditch on Mine Rd just outside town of Leaf Rapids, 17 Jun 2019, MLL

Glaucopsyche lygdamus couperi, Division 23, bog 42 air mi S of town of Leaf Rapids, 18-19 Jun 2019, MLL, 55.868 N -99.711 W

Glaucopsyche lygdamus couperi, Division 23, Man 391 ten air mi S of town of Leaf Rapids, 29 Jun 2019, MLL
Icaricia saepiolus amica, Division 23, Man 391 ten air mi S of town of Leaf Rapids, 29 Jun 2019, MLL
Plebejus idas scudderii, Division 19, Man 6 four mi N of North Two Rivers, 30 Jun 2019, MLL
Satyrium titus, Eastman Region, Badger, 24 Aug 2019, KEJ, in spruce bog, near bedrock outcrops

Noctuidae:

Actebia fennica, Eastman Region, Vassar, 24 Aug 2019, KEJ
Euxoa mimallonis, Eastman Region, Vassar, 24 Aug 2019, KEJ
Euxoa ochrogaster, Eastman Region, Vassar, 24 Aug 2019, KEJ
Euxoa ridingsiana, Eastman Region, Vassar, 24 Aug 2019, KEJ
Lithophane amanda, Eastman Region, Vassar, 24 Aug 2019, KEJ
Papaipema appassionate, Eastman Region, St. Labre Creek Peatlands, 25 Aug 2019, KEJ, slight NW range extension
Papaipema aweme, Eastman Region, St. Labre Creek Peatlands, 25 Aug 2019, KEJ, largest population discovered so far in Canada, 150+

Nymphalidae:

Boloria bellona, Division 23, bog 42 air mi S of town of Leaf Rapids, 29 Jun 2019, MLL, 55.868 N -99.711 W
Boloria eunomia, Eastman Region, Northwest Angle Provincial Forest, 12-13 Jun 2019, KEJ
Boloria eunomia dawsoni, Division 19, Man 6 four mi N of North Two Rivers, 30 Jun 2019, MLL
Boloria freija, Eastman Region, Northwest Angle Provincial Forest, 12-13 Jun 2019, KEJ
Boloria freija, Division 22, Man 6 at Man 373, 15 Jun 2019, MLL
Boloria freija, Division 23, Bog 2 mi S of town of Leaf Rapids, 16 Jun 2019, MLL
Boloria freija, Division 23, ditch on Mine Rd just outside town of Leaf Rapids, 17 Jun 2019, MLL
Boloria freija, Division 23, bog 42 air mi S of town of Leaf Rapids, 18-29 Jun 2019, MLL, 55.868 N -99.711 W
Boloria freija, Division 23, Man 391 near Hughes Lake, 21 Jun 2019, MLL
Boloria frigga, Eastman Region, Northwest Angle Provincial Forest, 12-13 Jun 2019, KEJ
Boloria frigga saga, Division 23, Bog 2 mi S of town of Leaf Rapids, 16 Jun 2019, MLL
Boloria frigga saga, Division 23, ditch on Mine Rd just outside town of Leaf Rapids, 17 Jun 2019, MLL
Coenonympha tullia inornata, Division 18, Man 6 near Pineimuta Lake, 14 Jun 2019, MLL
Coenonympha tullia inornata, Division 19, Man 6 four mi N of North Two Rivers, 30 Jun 2019, MLL
Erebia discoidalis, Division 23, ditch on Mine Rd just outside town of Leaf Rapids, 17 Jun 2019, MLL
Erebia discoidalis, Division 23, bog 42 air mi S of town of Leaf Rapids, 18-29 Jun 2019, MLL, 55.868 N -99.711 W
Erebia mancinus, Eastman Region, Whiteshell Provincial Park, 13 Jun 2019, KEJ, reduced abundance from 2017, failed to document elsewhere in SE MB
Erebia mancinus, Division 22, Man 6 at Man 373, 15 Jun 2019, MLL
Erebia mancinus, Division 23, ditch on Mine Rd just outside town of Leaf Rapids, 17 Jun 2019, MLL
Erebia mancinus, Division 23, bog 42 air mi S of town of Leaf Rapids, 19 Jun 2019, MLL, 55.868 N -99.711 W
Erebia mancinus, Division 23, Man 391 near Hughes Lake, 21 Jun 2019, MLL
Erebia mancinus, Division 23, Man 391 two mi E of Hughes River bridge, 22-28 Jun 2019, MLL
Erebia mancinus, Division 23, Man 391 ten air mi S of town of Leaf Rapids, 29 Jun 2019, MLL
Euptoieta claudia, Westman Region, Spruce Woods Provincial Park, 27 Jul 2018, KEJ
Limenitis arthemis arthemis, Division 19, Man 6 four mi N of North Two Rivers, 30 Jun 2019, MLL
Nymphalis antiopa, Division 23, Man 391 ten air mi S of town of Leaf Rapids, 29 Jun 2019, MLL
Oeneis jutta, Eastman Region, Northwest Angle & Sandilands Provincial Forests, 12-13 Jun 2019, KEJ
Oeneis jutta harperi, Division 22, Man 6 at Man 373, 15 Jun 2019, MLL
Oeneis jutta harperi, Division 23, Bog 2 mi S of town of Leaf Rapids, 16 Jun 2019, MLL
Oeneis jutta harperi, Division 23, bog 42 air mi S of town of Leaf Rapids, 19-29 Jun 2019, MLL, 55.868 N -99.711 W
Oeneis macounii, Division 18, Man 6 near Pineimuta Lake, 14 Jun 2019, MLL
Oeneis macounii, Division 19, Man 6 four mi N of North Two Rivers, 30 Jun 2019, MLL
Phyciodes cocyta selenis, Division 18, Man 6 near Pineimuta Lake, 14 Jun 2019, MLL
Phyciodes cocyta selenis, Division 19, Man 6 four mi N of North Two Rivers, 30 Jun 2019, MLL
Phyciodes cocyta selenis, Division 23, Man 391 ten air mi S of town of Leaf Rapids, 29 Jun 2019, MLL
Polygonia faunus, Division 22, Man 6 at Man 373, 15 Jun 2019, MLL
Polygonia faunus, Division 23, Bog 2 mi S of town of Leaf Rapids, 16 Jun 2019, MLL
Polygonia faunus, Division 23, ditch on Mine Rd just outside town of Leaf Rapids, 17 Jun 2019, MLL
Polygonia faunus, Division 23, bog 42 air mi S of town of Leaf Rapids, 18 Jun 2019, MLL, 55.868 N -99.711 W
Polygonia faunus, Division 23, Man 391 near Hughes Lake, 21 Jun 2019, MLL
Speyeria aphrodite, Westman Region, Spruce Woods Provincial Park, 27 Jul 2018, KEJ
Speyeria atlantis hollandi, Division 19, Man 6 four mi N of North Two Rivers, 30 Jun 2019, MLL

Papilionidae:

Papilio canadensis, Division 19, Man 6 four mi N of North Two Rivers, 30 Jun 2019, MLL
Papilio canadensis, Division 23, Bog 2 mi S of town of Leaf Rapids, 16 Jun 2019, MLL
Papilio canadensis, Division 23, ditch on Mine Rd just outside town of Leaf Rapids, 17 Jun 2019, MLL
Papilio canadensis, Division 23, Man 391 near Hughes Lake, 21 Jun 2019, MLL
Papilio canadensis, Division 23, Man 391 two mi E of Hughes River bridge, 22-28 Jun 2019, MLL
Papilio canadensis, Division 23, Man 391 ten air mi S of town of Leaf Rapids, 29 Jun 2019, MLL
Papilio machaon hudsonianus, Division 23, Man 391 near Hughes Lake, 21 Jun 2019, MLL
Papilio machaon hudsonianus, Division 23, Man 391 two mi E of Hughes River bridge, 22 Jun 2019, MLL
Papilio machaon hudsonianus, Division 23, Man 391 ten air mi S of town of Leaf Rapids, 29 Jun 2019, MLL

Papilio polyxenes asterius, Division 18, Man 6 near Pineimuta Lake, 14 Jun 2019, MLL

Pieridae:

Colias interior, Division 19, Man 6 four mi N of North Two Rivers, 30 Jun 2019, MLL

Pieris oleracea, Division 23, Bog 2 mi S of town of Leaf Rapids, 16 Jun 2019, MLL

Pieris rapae, Division 22, Man 6 at Man 373, 15 Jun 2019, MLL

Tortricidae:

Epinotia momonana, Eastman Region, St. Labre Creek Peatlands, 25 Aug 2019, KEJ

Epinotia septembrana, Eastman Region, St. Labre Creek Peatlands, 25 Aug 2019, KEJ

Nebraska:

Choreutidae:

Prochoreutis inflatella, Douglas Co., Lauritzen Gardens, 29 Jun 2019, BLP, ID by J & J Balabans, **State record**

Crambidae:

Herpetogramma thestealis, Douglas Co., Lauritzen Gardens, 10 Aug 2019, BLP, **State record**

Drepanidae:

Eudeilinia herminiata, Knox Co., Creighton, 15 Aug 2019, MAB, **State record**

Erebidae:

Catocala amatrix, Dixon Co., 29 Aug 2019, NL1

Catocala angusi, Lancaster Co., UNL East campus, 29 Aug 2019, SMS, **State record**, species was reported years ago by SMS but was misidentified, this is correct record verified by L. Gall and R. Borth

Catocala habilis, Lancaster Co., UNL East campus, 29 Aug 2019, SMS

Ectypia clio, Cherry Co., Merritt Reservoir State Rec Area, 26 mi SW of Valentine, Sandhills along NW edge of lake, 9-10 Jul 2019, JKA, likely farthest east in the US north of Texas

Melipotis perpendicularis, Dixon Co., Ponca State Park, 21 Jun 2019, MAB, **State record**

Gelechiidae:

Anacamptis fullonella, Lancaster Co., 5725 Greenwood St., Lincoln, 2 Jun 2019, VDB, **State record**

Dichomeris citrifoliella, Dixon Co., Ponca State Park, 21 Jun 2019, MAB, **State record**

Hesperiidae:

Ancyloxypha numitor, Fillmore Co., Rauscher Waterfowl Production Area., 18 Sep 2019, SMS

Atalopedes campestris, Fillmore Co., in Grafton., 18 Sep 2019, NED

Atalopedes campestris, Madison Co., in Norfolk., 19 Sep 2019, JLD

Atalopedes campestris, Otoe Co., in Syracuse., 18 Sep 2019, JLD

Atalopedes campestris, Stanton Co., 1.5 mi S, 1.5 mi W of Hoskins, Wayne/Stanton Co. line., 19 Sep 2019, DKM

Atalopedes campestris, Wayne Co., 1.5 mi S, 1.5 mi W of Hoskins, Wayne/Stanton Co. line., 19 Sep 2019, JLD

Erynnis funeralis, Buffalo Co., in Elm Creek., 23 Sep 2019, NED, **State record**, photo ID by Aaron Hunt

Hylephila phyleus, Hamilton Co., near Stockham., 12 Sep 2019, CJH

Hylephila phyleus, Madison Co., in Newman Grove., 19 Sep 2019, NED

Hylephila phyleus, Otoe Co., in Syracuse., 18 Sep 2019, JLD

Hylephila phyleus, Wayne Co., 1.5 mi S, 1.5 mi W of Hoskins, Wayne/Stanton Co. line., 19 Sep 2019, DKM

Lycaenidae:

Plebejus lupini texanus, Keya Paha Co., 4 Sep 2019, NED, 42.791226 N -100.065488 W

Noctuidae:

Athetis tarda, Sarpy Co., Bellevue, 29 Aug 2019, BLP, **State record**

Dypterygia rozmani, Cherry Co., Merritt Reservoir State Rec Area, 26 mi SW of Valentine, Sandhills along NW edge of lake, 9-10 Jul 2019, JKA, likely county record and not many NE records

Grotella sampita, Scotts Bluff Co., Wildcat Hills SRA, 19 Aug 2019, CDC, **State record**

Hecatera dysodea, Scotts Bluff Co., Wildcat Hills SRA, 30 Sep 2019, CDC, **State record**

Nocloa duplicatus, Cherry Co., Merritt Reservoir State Rec Area, 26 mi SW of Valentine, Sandhills along NW edge of lake, 9-10 Jul 2019, JKA, likely **State record**

Sympistis riparia, Cherry Co., Merritt Reservoir State Rec Area, 26 mi SW of Valentine, Sandhills along NW edge of lake, 9-10 Jul 2019, JKA, likely county record and possible State record, not many plains records

Nymphalidae:

Boloria selene nebraskensis, Otoe Co., 25 mi E of Lincoln, 7 Aug 2019, BDL

Oecophoridae:

Decantha boreasella, Knox Co., Creighton, 13 Jul 2019, MAB, **State record**

Papilionidae:

Papilio crespontes, Scotts Bluff Co., Wildcat Hills SRA, 26 Aug 2019, CDC

Papilio crespontes, Thomas Co., in Thedford, 5 Sep 2019, DEB

Pieridae:

Pontia occidentalis, Keith Co., Cedar Point Biological Station, 10 Jul 2019, LLO

Psychidae:

Kearfottia albifasciella, Knox Co., Creighton, 3 Aug 2019, MAB, **State record**

Pterophoridae:

Geina periscelidactylus, Sarpy Co., Bellevue, 11 Jun 2019, BLP, **State record**

Pyralidae:

Acrobasis caryae, Sarpy Co., Bellevue, 30 Jun 2019, BLP, **State record**
Ephestia kuehniella, Sarpy Co., Bellevue, 19 Oct 2019, BLP, ID by Bob Biaggi, **State record**

Sesiidae:

Synanthedon acerrubri, Knox Co., Creighton, 30 Jun 2019, MAB, **State record**

Sphingidae:

Erinyis alope, Buffalo Co., 3 mi E of Kearney, 30 May 2019, NED
Eumorphia achemon, Cherry Co., Merritt Reservoir State Rec Area, 26 mi SW of Valentine, Sandhills along NW edge of lake, 9-10 Jul 2019, JKA, possible county record at northern edge of range
Hyles euphorbiae, Cedar Co., 29 Aug 2019, NL1
Manduca sexta, Cedar Co., 21 Jun 2019, NL1
Paonias myops, Knox Co., Creighton, 6 Jul 2019, MB5
Sphecodina abbotti, Brown Co., Niobrara Valley Preserve HQ area, 6 Jun 2019, NED

Tortricidae:

Aethes argentilimitana, Knox Co., Creighton, 2 Aug 2019, MAB, **State record**
Evora hemidesma, Sarpy Co., Bellevue, 8 Aug 2019, BLP, ID by Tom Murray, **State record**
Olethreutes merrickana, Sarpy Co., Bellevue, 23 Jun 2019, BLP, ID by Bob Biaggi, **State record**
Pammene felicitana, Douglas Co., Lauritzen Gardens, 29 Jun 2019, BLP, **State record**
Proteoteras moffatiana, Sarpy Co., Bellevue, 25 Jun 2019, BLP, **State record**

Oklahoma:

Hesperiidae:

Amblyscirtes belli, Grady Co., Tuttle, 7 Jul 2019, OLS, photo record by S. Cummings-Ferguson
Amblyscirtes eos, Harper Co., May, 4 mi W, 1 mi N of US 412, 28 Jul 2016, RW2, photo record
Amblyscirtes eos, Stephens Co., Clear Creek Lake, north end, 20 Aug 2017, DM2, photo record
Amblyscirtes vialis, Harper Co., Clear Creek Lake, north end, 7 Apr 2017, DM2, photo record
Atrytone arogas iowa, Pawnee Co., Pawnee, 5 Jul 2019, OLS, photo record by B. Miner
Atrytonopsis hianna, Garfield Co., Enid, Gov't Springs Park, 31 Jul 2017, JFF, photo record by B. Dobbins
Autochton cellus, McCurtain Co., Ouachita WMA, McCurtain Unit, 14 Jun 2019, WDA, photo record
Calpodus ethlius, Logan Co., Edmond, 13 Aug 2018, OLS, photo record by T. Sims
Calpodus ethlius, Marshall Co., Kingston, 1 Sep 2019, OLS, photo record by K. Cook, larva
Cogia outis, Love Co., Crosstimbers WMA, 5 Jul 2019, OLS, photo record by L. Neumann, fide N. Grishin
Erynnis baptisiae, McClain Co., Newcastle, 16 Aug 2019, OLS, photo record by C. Phillips
Erynnis baptisiae, Woodard Co., Ft. Supply Res., 6 Sep 2017, JWA, photo record
Erynnis funeralis, McClain Co., Newcastle, 2 Aug 2019, OLS, photo record by C. Phillips
Erynnis funeralis, Murray Co., Lake of the Arbuckles, 24 Jul 2019, OLS, photo record by L. Willis
Erynnis funeralis, Sequoyah Co., Nicut, Little Lee Creek, 10 May 2017, CAI, photo record
Megathymus yuccae, Johnston Co., Leffler Ranch, 1 Apr 2017, BSP, photo record
Urbanus proteus, Cherokee Co., Ft. Gibson Dam, 7 Oct 2017, A&W, photo record
Urbanus proteus, McCurtain Co., Red Slough WMA, 9 Nov 2012, WDA, photo record
Urbanus proteus, McCurtain Co., Red Slough WMA, 27 Sep 2017, WDA, photo record
Urbanus proteus, Muskogee Co., Muskogee, 3 Oct 2017, SKS, photo record by C. Yott
Wallengrenia otho, Major Co., Glass Mountains SP, 6 Sep 2017, JWA, photo record

Lycenidae:

Callophrys grynea, Beckham Co., Elk City, 5 Jun 2019, OLS, photo record by A. Martin
Callophrys grynea, Grady Co., Tuttle, 5 Jun 2019, OLS, photo record by D. Jefferson
Callophrys henrici, Stephens Co., Clear Creek Lake, north end, 20 Mar 2017, DM2, photo record
Calycopis isobeon, Stephens Co., Clear Creek Lake, north end, 6-7 Oct 2017, DM2, photo record, **State record**
Feniseca tarquinius, Adair Co., Stillwell, Caney Creek, 3 Jun 2019, CAI, photo record
Feniseca tarquinius, Cherokee Co., Ft. Gibson Dam, 7 Oct 2017, A&W, photo record
Parrhasius m-album, Cleveland Co., Deerfield Park, 11 May 2017, EH1, photo record
Satyrrium calanus, Stephens Co., Clear Creek Lake, north end, 18 May 2017, DM2, photo record
Strymon istapa, Stephens Co., Clear Creek Lake, north end, 4 Oct 2017, DM2, photo record

Nymphalidae:

Anaea andria, Stephens Co., Clear Creek Lake, north end, 18 Oct 2017, DM2, photo record
Chlosyne lacinia, Johnston Co., Tishomingo NWR, Sandy Bridge, 22 Mar 2017, JRR, photo record
Chlosyne lacinia, Major Co., Ringwood, 26 Sep 2019, OLS, photo record by B. DeShazer Fielder
Chlosyne lacinia, Muskogee Co., Muskogee, 6 Nov 2017, SKS, photo record by C. Yott
Chlosyne lacinia, Stephens Co., 8 mi SE Moscow, 15 Sep 2004, JMN, leg. C. Adams
Chlosyne lacinia, Washington Co., Bartlesville, 15 Oct 2017, ALG, photo record
Chlosyne nycteis, Pushmataha Co., Black Mt., N end of Cloudy-Nashoba Trail, 30 Jun 2019, AAB, photo record
Danaus gilippus, Grady Co., Tuttle, 24 Aug 2019, OLS, photo record by S. Cummings-Ferguson, ex larva
Danaus gilippus, Johnston Co., Tishomingo NWR, 2 Oct 2012, JRR, photo record
Limnitis arthemis astyanax, Woodward Co., Woodward, 18 Oct 2019, OLS, photo record by K. Kamolz

Phyciodes graphica, **Stephens Co.**, Clear Creek Lake, north end, 6 Nov 2017, DM2, photo record

Polygonia comma, **Stephens Co.**, Clear Creek Lake, north end, 31 Mar 2017, DM2, photo record, at fermented apple bait

Papilionidae:

Eurytides marcellus, **Oklahoma Co.**, Oklahoma City, NW, 1 Jul 2019, OLS, photo record by K. L. Ammon

Papilio cressphontes, **Haskell Co.**, 10 mi W Stigler, 19 Jun 2019, OLS, photo record by L. Price

Papilio cressphontes, **Latimer Co.**, 2 mi W Talihina, 27 Aug 2019, OLS, photo record by C. Washington

Papilio cressphontes, **Wagoner Co.**, Whitehorn Cove, 6 Aug 2019, OLS, photo record by N. R. Waggoner

Pieridae:

Anteos maerula, **Stephens Co.**, Clear Creek Lake, north end, 19 Oct 2017, DM2, photo record, **State record**

Euchloe olympia, **Cleveland Co.**, Norman, 25 Apr 2019, OLS, photo record by G. Landes

Eurema mexicana, **Johnston Co.**, Tishomingo NWR, 17 Jun 2017, JRR, photo record

Krignonis lyside, **Ellis Co.**, Packsaddle WMA, 11 Jul 2019, OLS, photo record by L. Neumann

Pieris rapae, **Canadian Co.**, Yukon, 8 Oct 2019, OLS, photo record by S. T. Partin

Pieris rapae, **Creek Co.**, Mannford nr. Cottonwood Creek, 20 Apr 2017, WDA, photo record by S. Metz

Pyrisitia proterpia, **Adair Co.**, Stilwell, Caney Creek, 20 Feb 2017, CAI, photo record

Pyrisitia proterpia, **Kay Co.**, Blackwell, 15 Nov 2016, EAS, photo record

Saskatchewan:

Crambidae:

Crambus lyonsellus, **Division 14**, Bedard Creek, 19 Jul 2019, KEJ, common in patterned fen, **Provincial record**

Elophila ekthlipsis, **Division 14**, Bedard Creek, 19 Jul 2019, KEJ, common in wettest part of patterned fen

Hepialidae:

Sthenopsis purpurascens, **Division 18**, Deschambault Lake, 19 Jul 2019, KEJ

Noctuidae:

Papaipema aweme, **Division 18**, Deschambault Lake, 20 Jul 2019, KEJ, larvae abundant in buckbean, 2 sites

Polia propodea, **Division 18**, Deschambault Lake, 19 Jul 2019, KEJ

Nymphalidae:

Oeneis jutta, **Division 18**, Deschambault Lake, 20 Jul 2019, KEJ, very late date

South Dakota:

Geometridae:

Caripeta aequaliaria, **Lawrence Co.**, Terry's Peak Summit Rd, 1.6 mi up from Hwy 14A, 6540', 10-11 Jul 2019, JKA, apparently uncommon, 44.3194 N 103.8272 W

Coryphista meadii, **Lawrence Co.**, Terry's Peak Summit Rd, near summit, 7100', 10-11 Jul 2019, JKA, possible **State record**, 44.3194 N 103.8272 W

Metarranthis duaria, **Lawrence Co.**, Terry's Peak Summit Rd, 1.6 mi up from Hwy 14A, 6540', 10-11 Jul 2019, JKA, possible **State record**, 44.3194 N 103.8272 W

Noctuidae:

Acronicta vulpina, **Lawrence Co.**, Terry's Peak Summit Rd, 1.6 mi up from Hwy 14A, 6540', 10-11 Jul 2019, JKA, possible **State record**, 44.3194 N 103.8272 W

Autographa ampla, **Lawrence Co.**, Terry's Peak Summit Rd, near summit, 7100', 10-11 Jul 2019, JKA, Black Hills is apparently the only location in SD for this species, 44.3194 N 103.8272 W

Phlogophora iris, **Lawrence Co.**, Terry's Peak Summit Rd, 1.6 mi up from Hwy 14A, 6540', 10-11 Jul 2019, JKA, possible **State record**, far west for this species, 44.3194 N 103.8272 W

Spiramater lutra, **Lawrence Co.**, Terry's Peak Summit Rd, near summit, 7100', 10-11 Jul 2019, JKA, possible **State record**, 44.3194 N 103.8272 W

Trichordestra tacoma, **Lawrence Co.**, Terry's Peak Summit Rd, near summit, 7100', 10-11 Jul 2019, JKA, possible **State record**, 44.3194 N 103.8272 W

Zone 6: Texas

Coordinator: Mike A. Rickard

Contributors: Richard W. Boscoe (RWB), Joseph Doyle (JFD), Rick Fleischer (RSF), Ann Hendrickson (AHX), Michael L. Israel (MLI), Bill Lindemann (BL), E. Peterson (SEP), Mike A. Rickard (MR2), William H. Taft (WTJ), Texas Butterfly Listserve (TBL)

Texas weather for 2019 was similar to that for 2018. The northern two-thirds of the state got sufficient rainfall, while south Texas got drought and 100-degree days for months, except for tropical-based rains that caused localized flooding in June.

My comments on the butterflies reflect where I live, in the Lower Rio Grande Valley, due to lack of information from other areas. Butterflies were numerous for much of the year but with very low species diversity. The prime time of early November produced few of the usual "specialties", and certain groups such as hairstreaks continued a several-year low diversity. Several uncommon species were reported on the internet after Thanksgiving, including *Electrostrymon guzanta*, *Michaelus ira*, *Polygonus savigny*, and *Rhinthon osca*.

Moths were a different story. Two state records were reported, and here in south Texas I recorded in my yard a number of species that normally range from south-central to western Texas (ie. *Ponomotia* species). An undescribed pyraiid known for years from two specific locations expanded north and west through the LRGV, and an undescribed *Ponomotia* was found that apparently is a US record (unreported on the SS due to that status). I recorded 300+ species for the LRGV in several nights of blacklighting at various locations during National Moth Week in late July.

There were fewer than ten contributors, with most of the 213 records coming from only three of those. On the other hand, observations of Texas butterflies and moths posted to iNaturalist in 2019 were 16-20 thousand!

RECORDS:

Texas:

Batrachedridae:

Batrachedra concitata, Hidalgo Co, Mission, 8 Oct 2019, MR2

Bucculatricidae:

Bucculatrix ambrosiaefoliae, Hidalgo Co, Mission, 2 Mar 2019, MR2

Cosmopterigidae:

Cosmopterix pulchrimella, Hidalgo Co, Mission, 11 May 2019, MR2

Melanoclinis lineigera, Hidalgo Co, Mission, 27 Mar 2019, MR2

Cossidae:

Fania nanus, Edwards Co, 1.3 mi NW of Campwood, 25 May 2019, AHX

Givira lucretia, Edwards Co, 1.3 mi NW of Campwood, 1 Aug 2019, AHX

Givira theodori, Edwards Co, 1.3 mi NW of Campwood, 6 Jul 2019, AHX

Prionoxystus robiniae, San Patricio Co, Mathis., 15 Apr 2019, MLI

Crambidae:

Aethiophysa dualis, Hidalgo Co, Mission, 3 Oct 2019, MR2

Agriphila vulgavigellus, Edwards Co, 1.3 mi NW of Campwood, 17 Oct 2019, AHX

Antigastra catalaunalis, Hidalgo Co, Mission, 4 Oct 2019, MR2

Bicilia iarchasalis, Hidalgo Co, Weslaco-Frontera Audubon, 24 Jul 2019, MR2

Cnaphalocrocis cochrusalis, Hidalgo Co, Mission, 8 Dec 2019, MR2

Diastictis argyralis, Johnson Co, Burleson, 28 Aug 2011, RSF

Dichogama colotha, Hidalgo Co, Mission, 20 Sep 2019, MR2

Fissicrambus hemiochrellus, Edwards Co, 1.3 mi NW of Campwood, 30 Jun 2019, AHX, TXLEP869-19

Glyphodes sibilalis, Hidalgo Co, Mission, 29 Nov 2019, MR2

Hellula kempae, Hidalgo Co, Mission, 10 Mar 2019, MR2

Lamprosema canacealis, Hidalgo Co, Estero Llano Grande SP., 16 Aug 2019, MR2

Lineodes vulnifica, Hidalgo Co, Mission, 13 Oct 2019, MR2

Loxostege allectalis, Hidalgo Co, Mission, 15 Sep 2019, MR2

Loxostegeopsis xanthocrypta, Hidalgo Co, Mission, 20 Dec 2019, MR2

Munroeodes thalesalis, Hidalgo Co, Weslaco-Frontera Audubon, 24 Jul 2019, MR2

Parapediasia teterrellus, Edwards Co, 1.3 mi NW of Campwood, 24 Mar 2019, AHX

Petrophila bifascialis, Hidalgo Co, Mission, 20 Sep 2019, MR2

Pseudopyrausta marginalis, Hidalgo Co, Mission, 15 Oct 2019, MR2
Stegea mexicana, **Hidalgo Co**, Bentsen SP, 26 Jul 2019, MR2
Syngamia florella, Hidalgo Co, Mission, 20 Sep 2019, MR2

Depressariidae:

Antaeotricha haesitans, **Hidalgo Co**, Mission, 5 Jul 2019, MR2
Exaeretia gracilis, **Hidalgo Co**, Mission, 10 Mar 2019, MR2
Pyramidobela agyrtodes, **Edwards Co**, 1.3 mi NW of Campwood, 24 Mar 2019, AHX

Elachistidae:

Haplochrois bipunctella, **Hidalgo Co**, Mission, 1 Aug 2019, MR2

Erebidae:

Abablemma bilineata, Hidalgo Co, Mission, 27 Jun 2019, MR2
Apantesis vittata, **Johnson Co**, Burleson, 9 Apr 2011, RSF
Azeta ceramina, **Edwards Co**, 1.3 mi NW of Campwood, 8 Jul 2018, AHX, **State and US record**, TXLEP890-19
Catocala similis, **Edwards Co**, 1.3 mi NW of Campwood, 13 May 2018, AHX, BOLD ID TXLEP572-18
Cisthene subrufa, Hidalgo Co, Weslaco-Frontera Audubon, 24 Jul 2019, MR2
Coenipeta bibitrix, Hidalgo Co, Mission, 16 Sep 2019, MR2
Elousa albicans, Hidalgo Co, Bentsen SP, 27 Jul 2019, MR2
Estigmene acraea, **Cameron Co**, South Padre Island, 30 Dec 2018, MLI
Girana panthalon, **Cameron Co**, Harlingen., 1 Jan 2019, MLI
Hemeroplanis habitalis, **Hidalgo Co**, Bentsen SP, 26 Jul 2019, MR2
Hemeroplanis historialis, Hidalgo Co, Bentsen SP, 20 Sep 2019, MR2
Homophoberia apicosa, Hidalgo Co, Mission, 21 Sep 2019, MR2
Hypena lividalis, Hidalgo Co, Mission, 16 Dec 2019, MR2
Hypenula cacuminalis, **Hidalgo Co**, Bentsen SP, 30 May 2019, MR2
Latebraria amphipyroides, Hidalgo Co, Estero Llano Grande SP., 22 Feb 2019, MR2
Ledaea perditalis, **Edwards Co**, 1.3 mi NW of Campwood, 27 Jun 2015, AHX
Lophocampa annulosa, Hidalgo Co, Progresso, 1 Jan 2019, MLI
Melipotis cellaris, **Cameron Co**, South Padre Island, 30 Dec 2018, MLI
Ommatochila mundula, Hidalgo Co, Mission, 19 May 2019, MR2
Pareuchaetes insulata, Cameron Co, South Padre Island, 30 Dec 2018, MLI
Pygarctia pterygostigma, **Edwards Co**, 1.3 mi NW of Campwood, 10 Oct 2017, AHX
Pygarctia roseicapitis, **Edwards Co**, 1.3 mi NW of Campwood, 5 Sep 2012, AHX
Pygarctia roseicapitis, Edwards Co, 1.3 mi NW of Campwood, 5 Mar 2016, AHX
Redectis pygmaea, Hidalgo Co, Estero Llano Grande SP., 1 Mar 2019, MR2

Gelechiidae:

Agrippe prunifoliella, **Hidalgo Co**, Mission, 14 Oct 2019, MR2
Aristotelia elegantella, **Edwards Co**, 1.3 mi NW of Campwood, 15 Oct 2019, AHX
Battaristis concinnusella, Hidalgo Co, Mission, 28 Jul 2019, MR2
Battaristis nigratomella, **Hidalgo Co**, Mission, 19 Apr 2019, MR2
Dichomeris citrifoliella, **Edwards Co**, 1.3 mi NW of Campwood, 22 Apr 2019, AHX, TXLEP916-19
Dichomeris punctipennella, **Hidalgo Co**, Mission, 16 Apr 2019, MR2
Dichomeris simplicella, Hidalgo Co, Mission, 1 May 2019, MR2
Dichomeris vindex, **Hidalgo Co**, Mission, 4 Jun 2019, MR2
Helcystogramma chambersella, Hidalgo Co, Mission, 15 Sep 2019, MR2
Helcystogramma melantherella, **Edwards Co**, 1.3 mi NW of Campwood, 9 Aug 2015, AHX
Hypatima zesticopa, **Edwards Co**, 1.3 mi NW of Campwood, 26 Apr 2019, AHX, TXLEP926-19
Neodactylota liguritrix, **Fayette Co**, Schulenburg, 19 Jun-7 Jul 2019, ANX, TXLEP875-19
Sinoe kwakae, Hidalgo Co, Mission, 27 Aug 2019, MR2
Sophronia roseicrinella, Hidalgo Co, Mission, 28 Apr 2019, MR2
Stegasta bosqueella, Hidalgo Co, Mission, 5 Apr 2019, MR2
Stegasta capitella, Hidalgo Co, Mission, 8 Jul 2019, MR2

Geometridae:

Anavitrinella pampinaria, **Hidalgo Co**, Mission, 22 Feb 2019, MR2
Digrammia continuata, **Edwards Co**, 1.3 mi NW of Campwood, 26 Jun 2018, AHX, TXLEP573-18
Fernaldella fimetaria, **Hidalgo Co**, Mission, 15 Apr 2019, MR2
Leptostales crossii, **Hidalgo Co**, Estero Llano Grande SP., 25 Jul 2019, MR2
Lerema accius, Cameron Co, Brownsville, 31 Dec 2018, MLI
Macaria schatzeata, **Edwards Co**, 1.3 mi NW of Campwood, 23 Feb 2019, AHX
Pero astapa, Hidalgo Co, Mission, 17 Sep 2019, MR2
Rindgea stipularia, Hidalgo Co, Mission, 1 Jan 2019, MR2

Gracillariidae:

Acrocercops quinquistrigella, Hidalgo Co, Mission, 10 Mar 2019, MR2
Caloptilia rhoifoliella, Hidalgo Co, Mission, 8 Jun 2019, MR2

Hesperiidae:

Achlyodes tamenund, Cameron Co, Harlingen., 1 Jan 2019, MLI
Achlyodes tamenund, **Dimmit Co**, E of Catarina., 19 Apr 2019, MLI

Amblyscirtes eos, Jeff Davis Co, Davis Mts., 17-22 May 2019, RWB, reared on *Panicum obtusum*
Amblyscirtes nereus, Jeff Davis Co, Davis Mts., 17-22 May 2019, RWB, reared on *Andropogon* species
Amblyscirtes nysa, Brewster Co, Alpine, 17-21 May 2019, RWB, reared on *Cynodon dactylon*
Amblyscirtes nysa, Webb Co, Laredo., 16 Apr 2019, MLI
Amblyscirtes oslari, Jeff Davis Co, Davis Mts., 17-22 May 2019, RWB, reared on *Bouteloua curtipendula*
Amblyscirtes texana, Brewster Co, Alpine, 17-21 May 2019, RWB, reared on *Panicum bulbosum*
Burnsius oileus, Cameron Co, Harlingen., 1 Jan 2019, MLI
Cecropterus pylades, **Bastrop Co**, Smithville, 24 Oct 2019, TBL, from Ron Martin
Chiodes albofasciatus, **Galveston Co**, High Island., 14 Apr 2019, MLI
Chiomara georgina, Bastrop Co, Smithville, 24 Nov 2019, TBL, from Ron Martin
Copaeodes minima, **Webb Co**, Laredo., 16 Apr 2019, MLI
Erynnis funeralis, **Galveston Co**, Galveston., 13 Apr 2019, MLI
Erynnis horatius, **Blanco Co**, Twin Sisters Estates., 19 May 2019, SEP
Erynnis tristis tatus, **Lubbock Co**, Lubbock., 15 Oct 2019, TBL, from Anthony Hewitson
Heliopetes laviana, Cameron Co, Harlingen., 1 Jan 2019, MLI
Heliopetes laviana, **Dimmit Co**, E of Catarina., 19 Apr 2019, MLI
Heliopetes laviana, **Gillespie Co**, Fredericksburg., 3 Oct 2019, BL
Lerema accius, Cameron Co, Harlingen., 1 Jan 2019, MLI
Lerema accius, **San Patricio Co**, Mathis., 16 Apr 2019, MLI
Lerema accius, **Webb Co**, Laredo., 16 Apr 2019, MLI
Lerema accius, **Zapata Co**, San Ygnacio, 18 Apr 2019, MLI
Nastra julia, Cameron Co, Harlingen., 1 Jan 2019, MLI
Nastra julia, Cameron Co, Villa Nueva., 31 Dec 2018, MLI
Urbanus procne, Cameron Co, Harlingen., 1 Jan 2019, MLI
Urbanus proteus, **Johnson Co**, Burleson, 16 Jun 2018, RSF
Wallengrenia otho, **Blanco Co**, Twin Sisters Estates., 19 May 2019, SEP
Wallengrenia otho clavus, **San Patricio Co**, Mathis., 15 Apr 2019, MLI

Lacturidae:

Lactura subfervens, **Johnson Co**, Burleson, 18 Feb 2011, RSF

Lycaenidae:

Echinargus isola, **Dimmit Co**, E of Catarina., 19 Apr 2019, MLI
Echinargus isola, **La Salle Co**, Artisian Wells, 19 Apr 2019, MLI
Echinargus isola, **Webb Co**, Laredo., 16 Apr 2019, MLI
Hemiargus ceraunus asteridas, **Webb Co**, Laredo., 16 Apr 2019, MLI
Leptotes cassius, Cameron Co, Harlingen., 1 Jan 2019, MLI
Nathalis iole, **Galveston Co**, Galveston., 13 Apr 2019, MLI
Satyrium favonius ontario, Blanco Co, Twin Sisters Estates., 12 May 2019, SEP
Strymon istapa, Cameron Co, Harlingen., 1 Jan 2019, MLI
Strymon melinus, **San Patricio Co**, La Fruta., 16 Apr 2019, MLI
Strymon melinus, **Webb Co**, Laredo., 16 Apr 2019, MLI
Strymon melinus, **Zapata Co**, San Ygnacio, 18 Apr 2019, MLI

Noctuidae:

Acroria pulchra, Hidalgo Co, Mission, 10 Jan 2019, MR2
Elaphria hypophaea, **Hidalgo Co**, Mission, 12 Jan 2019, MR2
Feltia jaculifera, **Edwards Co**, 1.3 mi NW of Campwood, 8 Jul 2019, AHX
Feltia subgothica, **Edwards Co**, 1.3 mi NW of Campwood, 4 Oct 2018, AHX, TXLEP697-19
Lacinipolia implicata, Hidalgo Co, Mission, 27 Oct 2019, MR2
Leucania humidicola, Hidalgo Co, Mission, 1 Jan 2019, MR2
Ponometia exigua, **Hidalgo Co**, Mission, 23 Sep 2019, MR2
Ponometia fasciatella, **Hidalgo Co**, Mission, 15 Sep 2019, MR2
Ponometia heonyx, **Hidalgo Co**, Weslaco-Frontera Audubon, 24 Sep 2019, MR2
Ponometia phecolisca, Hidalgo Co, Mission, 21 May 2019, MR2
Schinia petulans, **Edwards Co**, 1.3 mi NW of Campwood, 24 Oct 2019, AHX
Spodoptera ornithogalli, **Refugio Co**, Refugio, 2 Jan 2019, MLI
Tarache expolita, Hidalgo Co, Mission, 15 Sep 2019, MR2
Tripudia damozela, Hidalgo Co, Mission, 14 Jan 2019, MR2
Xerociris wilsonii, **Edwards Co**, 1.3 mi NW of Campwood, 8 Jul 2019, AHX

Nymphalidae:

Adelpha eulalia, Jeff Davis Co, Davis Mts., 17-22 May 2019, RWB, reared on *Quercus emoryi*
Agraulis vanillae, Cameron Co, Harlingen., 1 Jan 2019, MLI
Anartia jatrophae, Cameron Co, Harlingen., 1 Jan 2019, MLI
Anthanassa texana, **Webb Co**, Laredo., 16 Apr 2019, MLI
Anthanassa texana, **Zapata Co**, San Ygnacio, 18 Apr 2019, MLI
Asterocampa clyton, **Edwards Co**, 1.3 mi NW of Campwood, 23 Jun 2019, AHX
Asterocampa clyton, **McMullen Co**, Tilden, 19 Apr 2019, MLI
Asterocampa clyton, **Webb Co**, Laredo., 16 Apr 2019, MLI

Asterocampa leilia, **Webb Co**, Laredo., 16 Apr 2019, MLI
Chlosyne lacinia, **Webb Co**, Laredo., 17-18 Apr 2019, MLI, including larvae
Chlosyne lacinia, **Zapata Co**, San Ygnacio, 18 Apr 2019, MLI
Danaus gilippus, Cameron Co, Harlingen., 1 Jan 2019, MLI
Danaus gilippus, **Dimmit Co**, E of Catarina., 19 Apr 2019, MLI
Danaus gilippus, **Webb Co**, Laredo., 16 Apr 2019, MLI
Danaus plexippus, Blanco Co, Twin Sisters Estates., 13 May 2019, SEP
Euptoieta claudia, **Dimmit Co**, E of Catarina., 18 Apr 2019, MLI
Euptoieta claudia, **San Patricio Co**, La Fruta., 16 Apr 2019, MLI
Euptoieta claudia, **Zapata Co**, San Ygnacio, 18 Apr 2019, MLI
Junonia grisea, **Johnson Co**, Joshua., 5 Nov 1997, RSF
Phyciodes graphica, **San Patricio Co**, Mathis., 16 Apr 2019, MLI
Phyciodes phaon, La Salle Co, Artisian Wells, 19 Apr 2019, MLI
Phyciodes phaon, **Webb Co**, Laredo., 16 Apr 2019, MLI
Phyciodes phaon, **Zapata Co**, San Ygnacio, 18 Apr 2019, MLI
Texola elada, **La Salle Co**, Artisian Wells, 19 Apr 2019, MLI
Texola elada perse, **Blanco Co**, Twin Sisters Estates., 29 Apr 2019, SEP
Thessalia theona bolli, **Webb Co**, Laredo., 19 Apr 2019, MLI, pupae
Thessalia theona bolli, **Zapata Co**, San Ygnacio, 16 Apr 2019, MLI

Papilionidae:

Papilio rumiko, **Johnson Co**, Burseson, 18 Jun 2015, RSF

Pieridae:

Abaeis nicippe, **Zapata Co**, San Ygnacio, 18 Apr 2019, MLI
Aphrissa statira, **Bastrop Co**, Smithville, 20 Oct 2019, TBL, from Ron Martin
Colias eurytheme, **Dimmit Co**, E of Catarina., 19 Apr 2019, MLI
Colias eurytheme, **Webb Co**, Laredo., 17 Apr 2019, MLI
Eurema boisduvaliana, Bexar Co, San Antonio, 10 Dec 2019, JFD
Kricogonia lyside, Cameron Co, Harlingen., 1 Jan 2019, MLI
Kricogonia lyside, **Dimmit Co**, E of Catarina., 19 Apr 2019, MLI
Kricogonia lyside, Hidalgo Co, Progresso, 1 Jan 2019, MLI
Kricogonia lyside, **San Patricio Co**, Mathis., 16 Apr 2019, MLI
Kricogonia lyside, **Webb Co**, Laredo., 16 Apr 2019, MLI
Kricogonia lyside, **Zapata Co**, San Ygnacio, 18 Apr 2019, MLI
Nathalis iole, **San Patricio Co**, Mathis., 16 Apr 2019, MLI
Nathalis iole, **Webb Co**, Laredo., 16 Apr 2019, MLI
Phoebis philea, Cameron Co, Villa Nueva., 31 Dec 2019, MLI
Pontia protodice, **Blanco Co**, Twin Sisters Estates., 12 May 2019, SEP
Pontia protodice, **San Patricio Co**, Mathis., 16 Apr 2019, MLI
Pontia protodice, **Webb Co**, Laredo., 14 Apr 2019, MLI
Pyrisitia lisa, **Cameron Co**, Harlingen., 1 Jan 2019, MLI
Zerene cesonia, Cameron Co, Villa Nueva., 1 Jan 2019, MLI
Zerene cesonia, **Dimmit Co**, E of Catarina., 19 Apr 2019, MLI

Pterophoridae:

Anstenoptilia marmarodactyla, **Hidalgo Co**, Mission, 20 Feb 2019, MR2
Dejongia californicus, Hidalgo Co, Mission, 17 Aug 2019, MR2
Michaelophorus indentatus, Hidalgo Co, Mission, 20 Sep 2019, MR2

Pyralidae:

Achroia grisella, **Hidalgo Co**, Mission, 14 Jul 2019, MR2
Elasmopalpus lignosellus, Hidalgo Co, Mission, 5 Jan 2019, MR2
Euzophera semifuneralis, **Hidalgo Co**, Mission, 9 Jan 2019, MR2
Melitara junctolineella, **Edwards Co**, 1.3 mi NW of Campwood, 30 May 2018, AHX, TXLEP682-19
Quasisalebria admixta, **Edwards Co**, 1.3 mi NW of Campwood, 17-21 Jun 2018, AHX, TXLEP630-18, TXLEP659-18
Quasisalebria fructetella, **Edwards Co**, 1.3 mi NW of Campwood, 5 Sep 2019, AHX
Tacoma feriella, Hidalgo Co, Mission, 1 Aug 2019, MR2
Tallula atrifascialis, **Hidalgo Co**, Bentsen SP, 27 Jul 2019, MR2

Scythrididae:

Arottrura longissima, Hidalgo Co, Mission, 13 Jul 2019, MR2

Sesiidae:

Carmenta armasata, Hidalgo Co, Mission, 26 Nov 2019, MR2
Carmenta ogalala, **Gaines Co**, 3.2 mi W of Dawson County, 12 Aug 2019, WTJ, pheromone trap, **State record**

Sphingidae:

Aellopos fadus, Hidalgo Co, Mission, 17 Nov 2019, MR2
Aellopos titan, **Dallas Co**, Glenn Heights., 23 Oct 2019, TBL
Cautethia spuria, Hidalgo Co, Weslaco-Frontera Audubon, 24 Jul 2019, MR2
Erinnyis obscura, Cameron Co, South Padre Island, 30 Dec 2018, MLI

Tineidae:

Tinea apicimaculella, **Hidalgo Co**, Mission, 28 Jun 2019, MR2

Tortricidae:

Epiblema praesumptiosa, **Hidalgo Co**, Estero Llano Grande SP., 1 Mar 2019, MR2

Epiblema separationis, **Hidalgo Co**, Mission, 18 Apr 2019, MR2

Eugnosta deceptana, **Hidalgo Co**, Mission, 26 May 2019, MR2

Gretchena bolliana, **Hidalgo Co**, Mission, 7 May 2019, MR2

Pelochrista consobrinana, **Edwards Co**, 1.3 mi NW of Campwood, 25 Jun 2016, AHX, TXLEP630-18

Pelochrista consobrinana, **Edwards Co**, 1.3 mi NW of Campwood, 20 Mar 2019, AHX

Pelochrista persolita, **Hidalgo Co**, Mission, 28 Oct 2019, MR2

Rudenia leguminana, **Hidalgo Co**, Mission, 6 Jul 2019, MR2

Zone 7: Ontario/Quebec
Coordinator Jessica E. Linton

Contributors: Michael L. Leski (MLL)

No written summary was provided.

RECORDS:

Ontario:

Lycaenidae:

Callophrys augustinus, Kenora District, Northern Ontario Resource Trail between Stirland Lake & Mawley Lake, 24-27 May 2019, MLL

Callophrys augustinus, Thunder Bay District, Canada Hwy 17 near Tea Lake, 21 May 2019, MLL

Callophrys niphon clarki, Thunder Bay District, Canada Hwy 17 near Tea Lake, 21-27 May 2019, MLL

Callophrys polios, Kenora District, Northern Ontario Resource Trail at Stirland Lake, 24-26 May 2019, MLL

Celastrina lucia, Kenora District, Northern Ontario Resource Trail between Stirland Lake & Mawley Lake, 22-28 May 2019, MLL

Celastrina lucia, Thunder Bay District, Canada Hwy 17 near Tea Lake, 21 May 2019, MLL

Nymphalidae:

Boloria freija, Thunder Bay District, Canada Hwy 17 near Tea Lake, 21 May 2019, MLL

Nymphalis antiopa, Kenora District, Northern Ontario Resource Trail between Stirland Lake & Mawley Lake, 14-19 Sep 2019, MLL

Nymphalis antiopa, Thunder Bay District, Canada Hwy 17 near Tea Lake, 21 May 2019, MLL

Nymphalis californica, **Kenora District**, Northern Ontario Resource Trail 4 mi E of Stirland Lake, 16 Sep 2019, MLL

Nymphalis l-album j-album, Kenora District, Man 599 at Sowden Lake access rd., 14 Sep 2019, MLL

Polygonia faunus, Kenora District, Northern Ontario Resource Trail between Stirland Lake & Mawley Lake, 22 May & 17 Sep 2019, MLL

Polygonia gracilis, Kenora District, Northern Ontario Resource Trail between Stirland Lake & Mawley Lake, 16 Sep 2019, MLL

Polygonia progne, Kenora District, Northern Ontario Resource Trail between Stirland Lake & Mawley Lake, 14-16 Sep 2019, MLL

Polygonia satyrus, Kenora District, Man 599 near Net Lake, 14 Sep 2019, MLL

Speyeria atlantis, Kenora District, Man 599 near Net Lake, 14 Sep 2019, MLL

**Zone 8: Midwest: Illinois, Indiana, Iowa, Kentucky, Michigan, Minnesota, Missouri, Ohio,
West Virginia, Wisconsin**

Coordinator: Thomas A. Jantscher

Contributors: Steven Bransky (SCB), James Ebner (JAE), Leslie Ferge (LAF), Thomas Jantscher (TJ), Kyle Johnson (KEJ), Dave & Bonnie MacLean (DBM), Eric P. Olson (EPO), Brian G. Scholtens (BGS), John Schwartz (JDS), James Sogaard (JS6), Allison Snopek-Barta (ASB), Paul Thompson (PT1), William Taft, Jr. (WTJ), Richard Teper (RT)

2017 comments:

Refer to reports from Illinois, Michigan, Minnesota, and Wisconsin for comments on weather conditions, interesting reports, and abundance or lack of lepidoptera from areas in Zone 8. Highlights from Zone 8 include *Ategumia ebulealis* (a species generally from the southeastern US) taken in the Upper Peninsula of Michigan,

Ambesa laetella as a state record from Wisconsin and representing a significant eastward range extension, *Erinnyis ello* (a very rare stray to the northern Midwest) taken from southeast Minnesota, and the population explosion of *Vanessa cardui* in late summer, which multiple contributors commented on.

Illinois:

John D. Schwartz commented that 2017 started out promising in Kane County, Illinois, when on 13 May he actually found an *Antheraea polyphemus* cocoon with the moth in the process of emerging when he found it, and later, one calling female *Antheraea polyphemus* attracted five males. He had similar positive experiences, mating caged female *Hyalophora cecropia* and *Callosamia promethea* with wild males, but has had no luck attracting *Automeris io* moths at all there. Apart from one sighting of *Hemaris diffinis*, he saw no Sphingidae and only one or two *Haploa* moths. In fall 2017, he found an unusual number of live *Callosamia promethea* cocoons, both on Wild Cherry and on Tulip Tree. As for butterflies, there was a rather early appearance of swallowtails, as early as mid-April, but after a promising start bad weather shut things down for most of the summer for many species. For the first time in over 40 years, *Papilio polyxenes* were not on daily hill-topping duty at Burnidge Forest Preserve near his home. They were seen, but more sporadically than regularly, as used to be the case. *Papilio glaucus* were at usual levels, but *Papilio cresphontes*, which they find as larvae on wafer ash, often right alongside *Papilio glaucus* caterpillars, were down, though still present. The saddest fact is the total disappearance of *Speyeria cybele* from the area, which used to be quite common in most of their local preserves. They also saw some of the surge in *Vanessa cardui* at the end of the summer, though not to the same extent as was apparently noted west of here in Iowa. *Danaus plexippus* were seen throughout the season, but never in large numbers. Altogether, he feels it was not a great year for Lepidoptera.

Michigan:

Leslie A. Ferge commented that a small number of *Vanessa cardui* appeared during a warm spell in early October.

Minnesota:

Dave & Bonnie MacLean, contributing from far northeast Minnesota, commented that the weather data showed a wet spring and cool summer for much of Minnesota followed by a warmer than average September. They felt that with a few exceptions, 2017 was a rather disappointing year for butterflies, an observation also conveyed to them by others in Minnesota and Wisconsin. Common species such as *Pieris rapae*, *Colias philodice*, *Colias eurytheme*, *Celastrina lucia*, *Polygonia faunus*, *Polygonia progne*, *Nymphalis antiopa*, *Nymphalis l-album*, and *Speyeria atlantis* were uncommon in 2017. They did not record a single specimen of *Speyeria cybele* or *Speyeria aphrodite* in 2017, and their records show that populations of *Speyeria atlantis*, *Speyeria cybele* and *Speyeria aphrodite* have declined dramatically since 2013. Even *Phyciodes cocyta*, typically common to abundant most years, was only recorded on eight dates at five sites in 2017. There were exceptions however, such as *Coenonympha tullia* which was locally abundant in late June and early July. The southern migrant *Vanessa cardui* was also common in 2017 including in northeast Minnesota where it occurred throughout the summer. However, they only recorded *Vanessa atalanta* three times in Cook County and once in southern Minnesota (Blue Earth County). *Limenitis arthemis* was common in 2017 and the subspecies *rubrofasciata* was recorded at Plouff Creek in extreme western Cook County. One of the few encouraging events of 2017 was the moderate number of *Euphydryas phaeton* still present at one of only two known populations in Cook County. Although well protected, the population of *E. phaeton* at the site near Lutson has greatly decreased in the past ten years due to early mowing in an attempt to control St. John's Wort (*Hypericum perforatum*). Unfortunately, the early mowing has also greatly reduced the number of the larval host plant Turtle head, *Chelone glabra*, with a corresponding decline in the *E. phaeton* population. The status of an even smaller population of *E. phaeton* at the Grand Portage Monument they discovered in 2008 is unknown. Also encouraging was the slightly greater number of Monarchs seen in 2017 than in recent years, as they have observed the dramatic decline in Monarch populations since the mid-2000s. As in the past few years, the number of Giant Silk Moths and some Sphinx Moths were low in 2017. Dan Baumann reported seeing only two *Antheraea polyphemus* and no *Actias luna* or *Hyalophora columbia* at Golden Eagle Lodge in Cook County. Dave & Bonnie recorded only three *Antheraea polyphemus* and four *Actias luna* moths at their home on Devil Track Lake in Cook County. Gary Hinds photographed a single *Hyalophora cecropia* from Hinckley in Pine County. Jerry McCormick photographed and monitored three male *Hyalophora*

cecropia moths that emerged in mid-May from cocoons found approximately five miles north of Virginia in St. Louis County. *Sphinx canadensis* was recorded as a new Cook County record but *Ceratomia undulosa*, formerly common, was not recorded from Cook County in 2017. Dave & Bonnie have not recorded *Ceratomia undulosa* in Cook County since 2015 and then only on one date. There were eleven new Cook County records from them as noted in the records section. The identification of *Gluphisia lintneri* was done by Les Ferge.

Allison Snopek-Barta commented from Cass County in north-central Minnesota that *Epargyreus clarus* was once again in great abundance, but with not as many as last year. *Poanes hobomok* was common and she saw three *Burnsius* (formerly *Pyrgus*) *communis* on one day. It was another year of *Danaus plexippus* being scarce, and she never saw an obvious migration south. *Vanessa cardui* was the most populous species of 2017, and the first sighting was May 14 with one feeding on dandelions, as not many other flowers were available yet. Also, *Speyeria aphrodite* had an abundant population in the summer, but *Nymphalis antiopa* and *Phyciodes selenis* as well as Anglemings and Sulphurs had lower populations in the summer.

A convenient way to view weather data for Minnesota for 2017 and previous years is at the Minnesota Department of Natural Resources' (DNR) HydroClim Minnesota website: <http://www.dnr.state.mn.us/hydroclim/index.html>. HydroClim Minnesota is a monthly electronic newsletter prepared by the DNR State Climatology Office summarizing Minnesota's climate conditions and the resulting impact on water resources. The DNR State Climatology Office also has many other resources providing detailed information on the past and present weather data of Minnesota, and their main website is here: <http://www.dnr.state.mn.us/climate/index.html>.

Wisconsin:

Leslie A. Ferge commented that the 2017 season was generally wet with above average temperatures. June and July were hot with several heavy rain events and flooding in many areas. August was drier with average temperatures. Mild conditions persisted well into fall. Disturbingly low populations of most butterflies were found again this season. Moth numbers were also below average with the alarming late season decline observed over the past several years occurring again in 2017. Numbers of many common to abundant late season moth species remained far below average. The introduced Geometrid *Pasiphila rectangulata* continues to spread across the state. A few stray and migrant moths were found late in the season, including *Anticarsia gemmatalis*, *Condica sutor*, and *Magusa divaricata*.

James A. Ebner commented that the length of the season was April 12 – Nov. 4, and he rated the season 2 on a scale of 1 to 10. He shared that butterflies were miserably scant, with *Colias* sp., Blues, Hairstreaks, and Nymphalids either almost absent or displaying stingy numbers. Regarding migratory species, *Danaus plexippus* had low summer and fall numbers but was persistent with fair numbers. *Vanessa cardui* had a great year, being consistent from June 24 – Oct. 21. *Junonia coenia* had a fair showing and *Atalopedes campestris* was rare.

2019 comments:

As a general summary for Zone 8, the beginning of the season was cool and wet, lasting through sometime in June. Except for some above-average temperatures in July, the latter half of the season was similarly cool and rainy, except for some dry periods in late August. Contributors indicated that 2019 was again mostly below-average in terms of species abundance and diversity, continuing a trend developed in recent years. The exception is in the most ecologically intact landscapes, especially northern Minnesota. *Danaus plexippus* had another strong to very strong year. Although not as many as usual, a handful of notable stray moths were found north or their usual range, including *Melipotis fasciolaris* from Wisconsin, *Erinnyis ello* in far northern Minnesota, *Ascalapha odorata* from far northeastern Minnesota.

Significant records from all of Zone 8 in 2019 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.



Ascalapha odorata, 03-Oct-19, 211 Arrowhead Trail CR 16, Cook Co., MN. Dave & Bonnie MacLean, also Dianne Anderson.

RECORDS:

Illinois:

Apatelodidae:

Apatelodes torrefacta, Lee Co, Nachusa Grasslands, 26 Jun 2019, RT

Attevidae:

Atteva aurea, Lee Co, Nachusa Grasslands, 15 May-30 Jul 2019, RT

Cossidae:

Prionoxystus robiniae, Lee Co, Nachusa Grasslands, 26 Jun-3 Jul 2019, RT

Crambidae:

Crambus agitatellus, Lee Co, Nachusa Grasslands, 5 Jul 2019, RT

Desmia funeralis, Lee Co, Nachusa Grasslands, 14 Aug 2019, RT

Eustixia pupula, Lee Co, Nachusa Grasslands, 14 Aug 2019, RT

Hahncappsia marculenta, Ogle Co, Nachusa Grasslands, 30 Jul 2019, RT

Herpetogramma aeglealis, Lee Co, Nachusa Grasslands, 3 Jul 2019, RT

Hymenia perspectalis, Lee Co, Nachusa Grasslands, 3 Jul 2019, RT

Lygropia rivulais, Lee Co, Nachusa Grasslands, 14 Aug 2019, RT

Ostrinia penitalis, Lee Co, Nachusa Grasslands, 27 Aug 2019, RT

Palpita arsaltealis, Lee Co, Nachusa Grasslands, 5 Jun 2019, RT

Parapoynx badiusalis, Lee Co, Nachusa Grasslands, 26 Jun 2019, RT

Pyrausta bicoloralis, Lee Co, Nachusa Grasslands, 27 Aug 2019, RT

Pyrausta orphisalis, Lee Co, Nachusa Grasslands, 14 Aug 2019, RT

Pyrausta signatalis, Ogle Co, Nachusa Grasslands, 30 Jul 2019, RT

Sitochroa palealis, Lee Co, Nachusa Grasslands, 3 Jul-14 Aug 2019, RT

Urola nivalis, Lee Co, Nachusa Grasslands, 26 Jun-3 Jul 2019, RT

Depressariidae:

Antaeotricha schlaegeri, Ogle Co, Nachusa Grasslands, 30 Jul 2019, RT

Erebidae:

Catocala amatrix, Lee Co, Nachusa Grasslands, 27 Aug 2019, RT

Catocala cara, Lee Co, Nachusa Grasslands, 27 Aug 2019, RT

Catocala illecta, Lee Co, Nachusa Grasslands, 3 Jul 2019, RT

Catocala insolabilis, Lee Co, Nachusa Grasslands, 14 Aug 2019, RT

Catocala maestosa, Lee Co, Nachusa Grasslands, 18 Sep 2019, RT

Catocala neogama, Lee Co, Nachusa Grasslands, 30 Jul 2019, RT

Catocala obscura, Lee Co, Nachusa Grasslands, 18 Sep 2019, RT

Catocala palaeogama, Lee Co, Nachusa Grasslands, 27 Aug 2019, RT

Catocala piatrix, Lee Co, Nachusa Grasslands, 13 Oct 2019, RT

Catocala resecta, Lee Co, Nachusa Grasslands, 14 Aug 2019, RT

Catocala serena, Ogle Co, Nachusa Grasslands, 30 Jul 2019, RT

Catocala vidua, Lee Co, Nachusa Grasslands, 27 Aug 2019, RT

Catocala whitneyi, Lee Co, Nachusa Grasslands, 26 Jun 2019, RT

Crambidia pallida, Ogle Co, Nachusa Grasslands, 14 Aug 2019, RT

Cycnia tenera, Lee Co, Nachusa Grasslands, 26 Jun-14 Aug 2019, RT

Estigmene acrea, Lee Co, Nachusa Grasslands, 30 Jul-27 Aug 2019, RT

Grammia arge, Ogle Co, Nachusa Grasslands, 27 Aug 2019, RT

Grammia virguncula, Ogle Co, Nachusa Grasslands, 5-26 Jun 2019, RT

Haploa confusa, Lee Co, Nachusa Grasslands, 26 Jun-3 Jul 2019, RT

Haploa lecontei, Kane Co, Burnridge Forest Preserve, 18 Jul 2017, JDS, only seen at Burnridge

Haploa lecontei, Ogle Co, Nachusa Grasslands, 3 Jul 2019, RT

Hypoprepia fucosa, Ogle Co, Nachusa Grasslands, 26 Jun 2019, RT

Idia lubricalis, Lee Co, Nachusa Grasslands, 14 Aug 2019, RT

Lascoria ambigualis, Ogle Co, Nachusa Grasslands, 20 Jul 2019, RT

Lycomorpha pholus, Lee Co, Nachusa Grasslands, 14 Aug 2019, RT

Mocis texana, Lee Co, Nachusa Grasslands, 18 Sep 2019, RT

Palthis angulalis, Lee Co, Nachusa Grasslands, 14 Aug 2019, RT

Phalaenophana pyramusalis, Lee Co, Nachusa Grasslands, 5 Jun 2019, RT

Phalaenostola larentioides, Ogle Co, Nachusa Grasslands, 5 Jun 2019, RT

Phalaenostola metonalis, Ogle Co, Nachusa Grasslands, 5 Jun 2019, RT

Phytometra rhodarialis, Ogle Co, Nachusa Grasslands, 30 Jul 2019, RT

Plusiodonta compressipalpis, Lee Co, Nachusa Grasslands, 26 Jun 2019, RT

Rivula propinqualis, Lee Co, Nachusa Grasslands, 30 Jul-27 Aug 2019, RT

Scolecocampa liburna, Lee Co, Nachusa Grasslands, 3 Jul 2019, RT

Scoliopteryx libatrix, Ogle Co, Nachusa Grasslands, 18 Sep 2019, RT

Spilosoma congrua, Lee Co, Nachusa Grasslands, 15 May 2019, RT
Tetanolita floridana, Ogle Co, Nachusa Grasslands, 18 Sep 2019, RT
Virbia aurantiaca, Ogle Co, Nachusa Grasslands, 14 Aug 2019, RT
Virbia laeta, Lee Co, Nachusa Grasslands, 27 Aug 2019, RT
Zale galbanata, Lee Co, Nachusa Grasslands, 6 Jun 2019, RT
Zale lunata, Ogle Co, Nachusa Grasslands, 18 Sep 2019, RT
Zale minerea, Lee Co, Nachusa Grasslands, 15 May 2019, RT
Zanclognatha pedipilalis, Lee Co, Nachusa Grasslands, 5 Jun 2019, RT

Geometridae:

Besma quercivoraria, Lee Co, Nachusa Grasslands, 18 Sep 2019, RT
Biston betularia, Lee Co, Nachusa Grasslands, 30 Jul-14 Aug 2019, RT
Cyclophora nanaria, Ogle Co, Nachusa Grasslands, 30 Jul 2019, RT
Ectropis crepuscularia, Lee Co, Nachusa Grasslands, 26 Jun 2019, RT
Ennomos magnaria, Lee Co, Nachusa Grasslands, 18 Sep 2019, RT
Eubaphe mendica, Lee Co, Nachusa Grasslands, 3 Jul 2019, RT
Euchlaena johnsonaria, Ogle Co, Nachusa Grasslands, 5 Jun 2019, RT
Eugonobapta nivosaria, Lee Co, Nachusa Grasslands, 3 Jul 2019, RT
Eusarca confusaria, Lee Co, Nachusa Grasslands, 26 Jun 2019, RT
Haematopis grataria, Ogle Co, Nachusa Grasslands, 18 Sep 2019, RT
Heterophleps refusaria, Lee Co, Nachusa Grasslands, 15 May 2019, RT
Heterophleps triguttaria, Lee Co, Nachusa Grasslands, 5 Jun 2019, RT
Horisme intestinata, Ogle Co, Nachusa Grasslands, 30 Jul 2019, RT
Isturgia dislocaria, Lee Co, Nachusa Grasslands, 15 May 2019, RT
Lytrosis unitaria, Lee Co, Nachusa Grasslands, 3 Jul 2019, RT
Macaria bisignata, Lee Co, Nachusa Grasslands, 5 Jun 2019, RT
Macaria evagaria, Lee Co, Nachusa Grasslands, 5 Jun 2019, RT
Macaria pustularia, Lee Co, Nachusa Grasslands, 26 Jun 2019, RT
Macaria ribearia, Lee Co, Nachusa Grasslands, 3 Jul 2019, RT
Melanolophia canadaria, Ogle Co, Nachusa Grasslands, 30 Jul 2019, RT
Mellilla xanthometata, Lee Co, Nachusa Grasslands, 26 Jun 2019, RT
Nematocampa resistaria, Lee Co, Nachusa Grasslands, 26 Jun 2019, RT
Nemoria bistriaria, Lee Co, Nachusa Grasslands, 26 Jun-27 Aug 2019, RT
Pero honestaria, Ogle Co, Nachusa Grasslands, 14 Aug 2019, RT
Phaeoura quernaria, Lee Co, Nachusa Grasslands, 15 May 2019, RT
Plagodis alcoolaria, Ogle Co, Nachusa Grasslands, 30 Jul-14 Aug 2019, RT
Plagodis phlogosaria, Lee Co, Nachusa Grasslands, 15 May 2019, RT
Tetracis crocallata, Lee Co, Nachusa Grasslands, 3 Jul 2019, RT
Timandra amaturlaria, Lee Co, Nachusa Grasslands, 30 Jul 2019, RT
Trichodezia albivittata, Lee Co, Nachusa Grasslands, 30 Jul 2019, RT
Xanthorhoe ferrugata, Lee Co, Nachusa Grasslands, 3 Jul 2019, RT

Glyphipterigidae:

Lepidotarpius perornatella, Lee Co, Nachusa Grasslands, 26 Jun 2019, RT, 2nd IL record

Gracillariidae:

Caloptilia violacella, Ogle Co, Nachusa Grasslands, 30 Jul 2019, RT

Hesperiidae:

Epargyreus clarus, Kane Co, Burnridge Forest Preserve, 20 Jun-10 Aug 2017, JDS
Polites peckius, Kane Co, Muirhead Springs Forest Preserve, 5 Aug 2017, JDS, ID not 100% certain

Lasiocampidae:

Tolype vellela, Lee Co, Nachusa Grasslands, 14 Aug 2019, RT

Limacodidae:

Apoda y-inversum, Lee Co, Nachusa Grasslands, 26 Jun 2019, RT, 2nd IL record
Prolimacodes badia, Lee Co, Nachusa Grasslands, 3 Jul 2019, RT

Lycaenidae:

Cupido comyntas, Kane Co, Fitchie Forest Preserve, Muirhead Springs Pingree Grove Forest Preserve, 31 Aug-20 Sep 2017, JDS, on dung, pair seen mating on 20 Sep

Noctuidae:

Abagrotis alternata, Ogle Co, Nachusa Grasslands, 18 Sep 2019, RT
Achatia distincta, Lee Co, Nachusa Grasslands, 15 May 2019, RT
Acrionicta haesitata, Lee Co, Nachusa Grasslands, 26 Jun 2019, RT
Acrionicta hasta, Ogle Co, Nachusa Grasslands, 30 Jul 2019, RT
Acrionicta lobeliae, Lee Co, Nachusa Grasslands, 15 May 2019, RT
Acrionicta ovata, Lee Co, Nachusa Grasslands, 26 Jun 2019, RT
Allagrapha aerea, Ogle Co, Nachusa Grasslands, 18 Sep 2019, RT
Alypia octomaculata, Lee Co, Nachusa Grasslands, 23 Jun 2019, RT
Anerastria teratophora, Lee Co, Nachusa Grasslands, 5 Jun 2019, RT
Apamea burgessi, Ogle Co, Nachusa Grasslands, 27 Aug 2019, RT

Basilodes pepita, Ogle Co, Nachusa Grasslands, 14 Aug 2019, RT
Catabena lineolata, Ogle Co, Nachusa Grasslands, 5 Jun 2019, RT
Cerma cerintha, Ogle Co, Nachusa Grasslands, 5 Jun 2019, RT
Crocigrapta normani, Lee Co, Nachusa Grasslands, 15 May 2019, RT
Ctenoplusia oxygramma, Lee Co, Nachusa Grasslands, 26 Jun 2019, RT
Cucullia convexipennis, Lee Co, Nachusa Grasslands, 26 Jun 2019, RT
Dargida diffusa, Ogle Co, Nachusa Grasslands, 27 Aug 2019, RT
Diachrysis balluca, Lee Co, Nachusa Grasslands, 18 Sep 2019, RT
Elaphria alapallida, Ogle Co, Nachusa Grasslands, 30 Jul 2019, RT
Elaphria versicolor, Lee Co, Nachusa Grasslands, 15 May 2019, RT
Eucirroedia pampina, Ogle Co, Nachusa Grasslands, 18 Sep 2019, RT
Eudryas unio, Lee Co, Nachusa Grasslands, 3 Jul-14 Aug 2019, RT
Euxoa velleripennis, Ogle Co, Nachusa Grasslands, 27 Aug 2019, RT
Feltia geniculata, Ogle Co, Nachusa Grasslands, 18 Sep 2019, RT
Feltia subgothica, Lee Co, Nachusa Grasslands, 18 Sep 2019, RT
Hydraecia micacea, Lee Co, Nachusa Grasslands, 18 Sep 2019, RT
Hydraecia stramentosa, Lee Co, Nachusa Grasslands, 27 Aug 2019, RT
Laconobia subjuncta, Ogle Co, Nachusa Grasslands, 30 Jul 2019, RT
Leucania linda, Ogle Co, Nachusa Grasslands, 5 Jun-27 Aug 2019, RT
Leucania multilinea, Lee Co, Nachusa Grasslands, 26 Jun 2019, RT
Leuconycta diptheroides, Ogle Co, Nachusa Grasslands, 5 Jun 2019, RT
Leuconycta lepidula, Ogle Co, Nachusa Grasslands, 30 Jul 2019, RT
Lithophane antennata, Lee Co, Nachusa Grasslands, 18 Sep 2019, RT
Maliattha synochitis, Lee Co, Nachusa Grasslands, 5-26 Jun 2019, RT
Megalographa biloba, Lee Co, Nachusa Grasslands, 5 Jun 2019, RT
Melanchnra adjuncta, Lee Co, Nachusa Grasslands, 30 Jul 2019, RT
Melanchnra picta, Ogle Co, Nachusa Grasslands, 14 Aug 2019, RT
Mesapamea fractilinea, Lee Co, Nachusa Grasslands, 30 Jul 2019, RT
Metaxaglaea inulta, Lee Co, Nachusa Grasslands, 18 Sep 2019, RT
Ogdoconta cinereola, Lee Co, Nachusa Grasslands, 26 Jun 2019, RT
Oligia modica, Lee Co, Nachusa Grasslands, 3 Jul 2019, RT
Orthodes cynica, Ogle Co, Nachusa Grasslands, 5 Jun 2019, RT
Orthodes majuscula, Ogle Co, Nachusa Grasslands, 5 Jun-18 Sep 2019, RT
Papaipema arctivorens, Ogle Co, Nachusa Grasslands, 27 Aug-18 Sep 2019, RT
Papaipema inquaesita, Lee Co, Nachusa Grasslands, 18 Sep 2019, RT
Papaipema maritima, Lee Co, Nachusa Grasslands, 3 Oct 2019, RT
Papaipema necopina, Lee Co, Nachusa Grasslands, 3 Oct 2019, RT
Papaipema unimoda, Lee Co, Nachusa Grasslands, 18 Sep 2019, RT
Phosphila miselioides, Lee Co, Nachusa Grasslands, 5 Jun 2019, RT
Photodes includens, Ogle Co, Nachusa Grasslands, 5 Jun 2019, RT
Photodes inops, Lee Co, Nachusa Grasslands, 18 Sep 2019, RT
Platypolia moctata, Lee Co, Nachusa Grasslands, 18 Sep 2019, RT
Plusia contexta, Ogle Co, Nachusa Grasslands, 18 Sep 2019, RT
Ponometia candefacta, Ogle Co, Nachusa Grasslands, 30 Jul 2019, RT
Protodeltote muscosula, Lee Co, Nachusa Grasslands, 5 Jun 2019, RT
Pyrrhia cilisca, Lee Co, Nachusa Grasslands, 30 Jul 2019, RT
Pyrrhia cilisca, Ogle Co, Nachusa Grasslands, 30 Jul 2019, RT
Rachiplusia ou, Lee Co, Nachusa Grasslands, 18 Sep 2019, RT
Schinia arcigera, Ogle Co, Nachusa Grasslands, 27 Aug-18 Sep 2019, RT
Schinia lucens, Lee Co, Nachusa Grasslands, 26 Jun-3 Jul 2019, RT
Schinia lucens, Ogle Co, Nachusa Grasslands, 3 Jul 2019, RT
Schinia trifascia, Lee Co, Nachusa Grasslands, 27 Aug-18 Sep 2019, RT
Schinia trifascia, Ogle Co, Nachusa Grasslands, 18 Sep 2019, RT
Simyra insularis, Lee Co, Nachusa Grasslands, 15 May-27 Aug 2019, RT
Spaelotis clandestina, Lee Co, Nachusa Grasslands, 3 Jul 2019, RT
Striacosta albicosta, Ogle Co, Nachusa Grasslands, 3 Jul 2019, RT
Sunira bicolorago, Lee Co, Nachusa Grasslands, 18 Sep 2019, RT
Tricholita notata, Lee Co, Nachusa Grasslands, 27 Aug 2019, RT
Tricholita notata, Ogle Co, Nachusa Grasslands, 27 Aug 2019, RT

Nolidae:

Baileya levitans, Lee Co, Nachusa Grasslands, 15 May 2019, RT

Notodontidae:

Ellida coniplaga, Lee Co, Nachusa Grasslands, 15 May 2019, RT
Furcula borealis, Lee Co, Nachusa Grasslands, 30 Jul 2019, RT
Furcula cinerea, Lee Co, Nachusa Grasslands, 5 Jun 2019, RT
Nadata gibbosa, Ogle Co, Nachusa Grasslands, 14 Aug 2019, RT

Peridea angulosa, Ogle Co, Nachusa Grasslands, 5 Jun 2019, RT

Nymphalidae:

Boloria bellona, Winnebago Co, Pecatonica Forest Preserve, 9 Aug 2019, JDS, stable here, but disappearing in most of N IL
Danaus plexippus, Kane Co, Burnridge Forest Preserve, Muirhead Springs Forest Preserve, 2 Jun-13 Oct 2017, JDS, never abundant, but seen throughout the summer regularly
Danaus plexippus, Kane Co, Burnridge Forest Preserve, 14 May-1 Oct 2019, JDS, seen consistently throughout season
Junonia coenia, Kane Co, Burnridge Forest Preserve, Muirhead Springs Forest Preserve, 8 Jun-16 Oct 2017, JDS, numbers holding up
Lethe anthedon, Lake Co, Volo Bog State Natural Area, 22 Jun 2017, JDS, near the bog, landed on bird dropping on walkway
Limenitis archippus, Kane Co, Muirhead Springs Forest Preserve, 5 Aug-6 Sep 2017, JDS, only two seen all season
Limenitis arthemis astyanax, Kane Co, Burnridge Forest Preserve, 10 Aug 2017, JDS, only two seen all season
Nymphalis antiopa, Kane Co, Burnridge Forest Preserve, 6 Apr-18 Jun 2019, JDS, first seen in 2 years, regular on hill in the forest
Phyciodes tharos, Kane Co, Burnridge Forest Preserve, 2 Jun - 3 Sep 2017, JDS, less common than previously, but probably seen every visit
Polygonia comma, Kane Co, Fitchie Forest Preserve, 18 Oct 2017, JDS, always seen here
Polygonia interrogacionis, Kane Co, Burnridge Forest Preserve, 29 Jul 2017, JDS, only one seen
Speyeria cybele, McHenry Co, Glacial Park, 25 Jun 2017, JDS, one of the few seen in northern Illinois
Vanessa atalanta, Kane Co, Burnridge Forest Preserve, 18 Apr 2017, JDS, very common April, May, then pretty much absent rest of summer
Vanessa atalanta, Kane Co, Burnridge Forest Preserve, 16 Apr-27 Jun 2019, JDS, more common early in the year
Vanessa cardui, Kane Co, Burnridge Forest Preserve, 21 Jun-16 Oct 2017, JDS, numbers built up in August and September, as reported in media, but not as dramatic as *atalanta* did in spring 2011
Vanessa cardui, Kane Co, Muirhead Springs Forest Preserve, 24 May-5 Oct 2019, JDS, seen in good numbers everywhere
Vanessa virginiensis, Dekalb Co, Wilkinson-Renwick Marsh, 14 May 2017, JDS, only sighting

Papilionidae:

Battus philenor, Kane Co, Gilberts, 30 Jun-4 Sep 2019, JDS, oviposited on pipevine, 3 larvae survived to emergence
Papilio cresphontes, Kane Co, Burnridge Forest Preserve, 20-30 Jun 2017, JDS, larvae on Wafer Ash (present but not as numerous as in 2014, 2015, 2016)
Papilio cresphontes, Kane Co, Burnridge Forest Preserve, 8-25 Aug 2019, JDS, larvae found on wafer ash and prickly ash
Papilio glaucus, Kane Co, Burnridge Forest Preserve, 24 Apr -15 Aug 2017, JDS, also appeared early but numbers more typical of recent years, larvae on Wafer Ash & Wild Cherry (& probably Tulip Tree)
Papilio glaucus, Kane Co, Burnridge Forest Preserve, 7 Jun-18 Aug 2019, JDS, numbers down this year
Papilio polyxenes, Kane Co, Burnridge Forest Preserve, 17 Apr -20 Sep 2017, JDS, appeared early, but numbers fell, rarely seen on hilltop where formerly common. Seen elsewhere in Kane Co. into Sept.
Papilio polyxenes, Kane Co, Burnridge Forest Preserve, 10 May-24 Sep 2019, JDS, also seen at Muirhead Springs Forest Preserve

Pieridae:

Colias eurytheme, Kane Co, Muirhead Springs Forest Preserve, 3-21 Sep 2017, JDS, less abundant than *C. philodice*
Colias philodice, Kane Co, Muirhead Springs Forest Preserve, 28 Jul 2017, JDS, 10 or more landed at numerous wet areas on road through alfalfa/c;over fields; more abundant than *C.eurytheme*

Pterophoridae:

Geina tenuidactylus, Lee Co, Nachusa Grasslands, 26 Jun 2019, RT
Platyptilia carduidactylus, Lee Co, Nachusa Grasslands, 14 Aug 2019, RT

Pyralidae:

Hypsopygia costalis, Lee Co, Nachusa Grasslands, 26 Jun 2019, RT

Saturniidae:

Actias luna, Lee Co, Nachusa Grasslands, 30 Jul 2019, RT
Antheraea polyphemus, Kane Co, Burnridge Forest Preserve, 24 Apr -15 Aug 2017, JDS, June 5 wild males came to one caged female; July a second brood wild male came to caged reared female
Antheraea polyphemus, Lee Co, Nachusa Grasslands, 5 Jun 2019, RT
Callosamia promethea, Kane Co, Burnridge Forest Preserve, 23-30 Jun 2017, JDS, generally multiple males came to caged females; Promethea feeding on Tulip Tree & Wild Cherry in local forest preserves
Callosamia promethea, Lee Co, Nachusa Grasslands, 3 Jul 2019, RT
Hyalophora cecropia, Kane Co, Burnridge Forest Preserve, 29 May -15 Jun 2017, JDS, wild mating pair

Sphingidae:

Amorpha juglandis, Lee Co, Nachusa Grasslands, 5 Jun 2019, RT
Ceratonia hageni, Lee Co, Nachusa Grasslands, 5 Jun-18 Sep 2019, RT
Ceratonia undulosa, Lee Co, Nachusa Grasslands, 3 Jul 2019, RT
Darapsa choerilus, Lee Co, Nachusa Grasslands, 30 Jul-14 Aug 2019, RT
Darapsa myron, Lee Co, Nachusa Grasslands, 30 Jul 2019, RT
Erinnyis obscura, Lee Co, Nachusa Grasslands, 30 Jul 2019, RT
Hemaris diffinis, Kane Co, Burnridge Forest Preserve, 11 Jul 2017, JDS, on bergamot - only one seen
Hemaris diffinis, Lee Co, Nachusa Grasslands, 18 Sep 2019, RT
Hyles lineata, Ogle Co, Nachusa Grasslands, 3 Jul 2019, RT
Paonias myops, Ogle Co, Nachusa Grasslands, 30 Jul 2019, RT
Smerinthus jamaicensis, Lee Co, Nachusa Grasslands, 30 Jul-14 Aug 2019, RT

Tineidae:

Acrolophus arcanella, Lee Co, Nachusa Grasslands, 3 Jul 2019, RT

Tortricidae:

Archips argyrospila, Lee Co, Nachusa Grasslands, 26 Jun 2019, RT
Archips purpurana, Lee Co, Nachusa Grasslands, 3 Jul 2019, RT
Archips semiferanus, Lee Co, Nachusa Grasslands, 3 Jul 2019, RT
Argyrotaenia quercifoliata, Lee Co, Nachusa Grasslands, 26 Jun 2019, RT
Cydia latiferreana, Lee Co, Nachusa Grasslands, 27 Aug 2019, RT
Eucosma bilineana, Lee Co, Nachusa Grasslands, 26 Jun 2019, RT
Gymnandrosoma punctidiscanum, Lee Co, Nachusa Grasslands, 5 Jun 2019, RT
Hystrichophora taleana, Lee Co, Nachusa Grasslands, 26 Jun 2019, RT
Olethreutes olivaceana, Lee Co, Nachusa Grasslands, 26 Jun 2019, RT
Pelochrista dorsisignatana, Lee Co, Nachusa Grasslands, 18 Sep 2019, RT
Xenotemna pallorana, Lee Co, Nachusa Grasslands, 5 Jun 2019, RT
Xenotemna pallorana, Ogle Co, Nachusa Grasslands, 27 Aug 2019, RT

Michigan:

Attevidae:

Atteva aurea, Berrien Co, Grand Mere State Park, 14 Aug 2019, SCB

Coleophoridae:

Coleophora elaeagnisella, **Cheboygan Co**, U of Michigan Biological Station, rd ca Paddock house, 10 Jun 2018, BGS, emerged 20 Jul 2018, ex larva on *Shepherdia*

Crambidae:

Anageshna primordialis, Luce Co, Wanamaker Lake Peatlands, 8 Oct 2017, KEJ, rather late date
***Ategumia ebulealis*, Luce Co**, Wanamaker Lake Peatlands, 8 Oct 2017, KEJ, **State record**
Crambus lyonsellus, **Osceola Co**, Little Long Lake, 11 Sep 2017, KEJ, flushed during day, worn
Desmia maculalis, **Berrien Co**, Grand Mere State Park, 14 Aug 2019, SCB
Diaphania hyalinata, **Luce Co**, Wanamaker Lake Peatlands, 8 Oct 2017, KEJ
Diastictis ventralis, **Berrien Co**, Grand Mere State Park, 14 Aug 2019, SCB
Elophila icciusalis, Berrien Co, Grand Mere State Park, 14 Aug 2019, SCB
Hymenia perspectalis, **Alger Co**, Sixteenmile Lake, 19 Sep 2017, KEJ
Sitochroa chortalis, **Berrien Co**, Grand Mere State Park, 14 Aug 2019, SCB

Depressariidae:

Agonopterix argillacea, **Cheboygan Co**, Crum family cottage, 21 May 2019, BGS, 45.569N 84.720W
Agonopterix atradorsella, **Calhoun Co**, Ott Biological Preserve, 24 Mar 2017, KEJ
Agonopterix atradorsella, **Van Buren Co**, School Lake, 22 Mar 2019, KEJ, also SCB
Agonopterix pulvipennella, **Cheboygan Co**, Crum family cottage, 21 May 2019, BGS, 45.569N 84.720W
Agonopterix walsinghamella, Luce Co, Wanamaker Lake Peatlands, 8 Oct 2017, KEJ, rather late date
Agonopterix walsinghamella, Otsego Co, Turtle Lake Barrens, 12 Sep 2017, KEJ
Depressaria alienella, **Otsego Co**, Turtle Lake Barrens, 12 Sep 2017, KEJ
Semioscopis aureolla, **Calhoun Co**, Ott Biological Preserve, 24 Mar 2017, KEJ
Semioscopis inornata, **Cheboygan Co**, Crum family cottage, 21 May 2019, BGS, 45.569N 84.720W

Erebidae:

Anticarsia gemmatalis, **Luce Co**, Wanamaker Lake Peatlands, 8 Oct 2017, KEJ
Catocala antinympha, Missaukee Co, Norwich Plains, 14 Sep 2017, KEJ
Catocala antinympha, Montmorency Co, Foche Lakes, 13 Sep 2017, KEJ
Catocala lineella, Berrien Co, Grand Mere State Park, 14 Aug 2019, SCB
Crambidia pura, **Mason Co**, Ludington State Park, 10 Sep 2017, KEJ, also Dwayne Badgero
Hypena baltimoralis, Berrien Co, Grand Mere State Park, 14 Aug 2019, SCB
Hypena deceptalis, Berrien Co, Grand Mere State Park, 14 Aug 2019, SCB
Hypoprepia miniata, **Berrien Co**, Grand Mere State Park, 14 Aug 2019, SCB
Mocis texana, **Berrien Co**, Grand Mere State Park, 14 Aug 2019, SCB
Mycterophora inexplicata, **Emmet Co**, Wilderness State Park, Gill Rd trail, 25 Jul 2018, BGS, 45.7025N 84.9520W
Phoberia atomaris, **Calhoun Co**, Ott Biological Preserve, 24 Mar 2017, KEJ
Zanclognatha jacchusalis, Berrien Co, Grand Mere State Park, 14 Aug 2019, SCB
Zanclognatha marcidilinea, **Alger Co**, Sixteenmile Lake, 19 Sep 2017, KEJ

Euteliidae:

Paectes oculatrix, **Berrien Co**, Grand Mere State Park, 14 Aug 2019, SCB

Gelechiidae:

Arogalea cristifasciella, **Calhoun Co**, Ott Biological Preserve, 24 Mar 2017, KEJ
***Chionodes sattleri*, Emmet Co**, Wilderness State Park, Nebo trail, 1 Aug 2018, BGS, 45.7513N 84.8776W, **State record**
Chionodes thoraceochrella, **Cheboygan Co**, U of Michigan Biological Station, straw bale hosue, 3 Aug 2019, BGS, 45.559N 84.675W
Chionodes thoraceochrella, **Emmet Co**, Wilderness State Park, Nebo trail, 1 Aug 2018, BGS, 45.7513N 84.8776W
***Coleotechnites blastovora*, Cheboygan Co**, Crum family cottage, 21 May 2019, BGS, 45.569N 84.720W, **State record**
Coleotechnites blastovora, **Emmet Co**, Robinson Rd @ Ely Bridge Rd, 26 May 2019, BGS, 45.551N 84.853W
Coleotechnites quercivorella, **Calhoun Co**, Ott Biological Preserve, 24 Mar 2017, KEJ

Sinoe chambersi, **Calhoun Co**, Ott Biological Preserve, 24 Mar 2017, KEJ

Geometridae:

Alsophila pometaria, **Calhoun Co**, Ott Biological Preserve, 24 Mar 2017, KEJ, female ovipositing on red maple

Alsophila pometaria, **Lenawee Co**, Morenci, 24 Mar 2019, KEJ, also SCB

Archiearis infans, Keweenaw Co, Eagle River (Garden City Rd) & US 41/Lac Labelle Rd, 22 Apr 2017, LAF

Cingilia catenaria, Alger Co, Sixteenmile Lake, 19 Sep 2017, KEJ

Cingilia catenaria, **Montmorency Co**, Foche Lakes, 13 Sep 2017, KEJ

Cingilia catenaria, **Oceana Co**, Silver Lake State Park, 15 Sep 2017, KEJ, abundant at light on dunes

Cladara atroliturata, **Cheboygan Co**, Crum family cottage, 21 May 2019, BGS, 45.569N 84.720W

Coryphista meadii, **Alger Co**, Sixteenmile Lake, 13 Sep 2019, KEJ

Epelis truncataria, Cheboygan Co, Robert's Lake, 26 May 2019, BGS, 45.392N 84.557W, flying during day

Epirrita autumnata, Luce Co, Wanamaker Lake Peatlands, 8 Oct 2017, KEJ

Macaria pinistrobata, Alger Co, Sixteenmile Lake, 19 Sep 2017, KEJ

Macaria sulphurea, **Osceola Co**, Little Long Lake, 11 Sep 2017, KEJ

Nemoria bistriaria, Berrien Co, Grand Mere State Park, 14 Aug 2019, SCB

Nepytia pellucidaria, Alger Co, Sixteenmile Lake, 19 Sep 2017, KEJ

Palaeocrita vernata, **Lenawee Co**, Morenci, 24 Mar 2019, KEJ, also SCB

Phigalia titea, **Calhoun Co**, Ott Biological Preserve, 24 Mar 2017, KEJ, some were melanic form

Phigalia titea, **Cheboygan Co**, Crum family cottage, 21 May 2019, BGS, 45.569N 84.720W

Plagodis alcoholaria, Berrien Co, Grand Mere State Park, 14 Aug 2019, SCB

Spodolepis substriataria, **Cheboygan Co**, Crum lake cottage, 23 May 2019, BGS, 45.571N 84.720W

Triphosa haesitata, Otsego Co, Turtle Lake Barrens, 12 Sep 2017, KEJ

Glyphipterigidae:

Glyphipterix sistes, **Cheboygan Co**, U of Michigan Biological Station, Reese's Swamp, 9 Aug 2019, BGS, 45.543N 84.663W, during day on flowers, **State record**

Gracillariidae:

Caloptilia hypericella, Alger Co, Baldy Lake Barrens, 19 Sep 2017, KEJ

Caloptilia invariabilis, **Cheboygan Co**, Crum family cottage, 21 May 2019, BGS, 45.569N 84.720W, **State record**

Phyllocnistis vitifoliella, **Van Buren Co**, School Lake, 22 Mar 2019, KEJ, also SCB

Phyllonorycter apparella, Keweenaw Co, Eagle River (Crestview Trail), 11 Feb 2017, KEJ, hibernating under bark

Hesperiidae:

Euphyes conspicua, **Otsego Co**, Pigeon River SF, Ford Lake Rd, 1 Aug 2019, BGS, 45.171N 84.451W, in sedges along river

Lasiocampidae:

Tolype velleda, **Alger Co**, Baldy Lake Barrens, 19 Sep 2017, KEJ

Limacodidae:

Isa textula, **Cheboygan Co**, U of Michigan Biological Station, straw bale hosue, 3 Aug 2019, BGS, 45.559N 84.675W

Lycaenidae:

Erora laeta, Emmet Co, Durkalic Rd, 30 May 2019, BGS

Nepticulidae:

Stigmella populetorum, **Emmet Co**, Wilderness State Park, Nebo trail, 1 Aug 2018, BGS, 45.7513N 84.8776W, **State record**

Noctuidae:

Abagrotis orbis, Mason Co, Ludington State Park, 10 Sep 2017, KEJ

Acronicta grisea, Berrien Co, Grand Mere State Park, 14 Aug 2019, SCB

Agnorisma bugrai, Alger Co, Baldy Lake Barrens, 19 Sep 2017, KEJ

Agnorisma bugrai, Missaukee Co, Norwich Plains, 14 Sep 2017, KEJ

Anathix puta, Missaukee Co, Dead Stream Swamp, 14 Sep 2017, KEJ

Apamea burgessi, **Mason Co**, Ludington State Park, 10 Sep 2017, KEJ, also Dwayne Badgero

Apamea burgessi, Oceana Co, Silver Lake State Park, 15 Sep 2017, KEJ

Bellura densa, **Berrien Co**, Grand Mere State Park, 14 Aug 2019, SCB

Bellura vulnifica, **Cheboygan Co**, U of Michigan Biological Station, Houghton Lab, 14 Aug 2018, BGS, 45.5596N 84.6753W

Chaetagnaea sericea, Missaukee Co, Norwich Plains, 14 Sep 2017, KEJ

Chaetagnaea sericea, Montmorency Co, Foche Lakes, 13 Sep 2017, KEJ

Chrysodeixis includens, **Alger Co**, Sixteenmile Lake, 19 Sep 2017, KEJ

Chrysodeixis includens, **Delta Co**, Schaawe Lake Barrens, 23 Sep 2017, KEJ

Chrysodeixis includens, **Luce Co**, Wanamaker Lake Peatlands, 8 Oct 2017, KEJ

Colocasia flavicornis, **Emmet Co**, Robinson Rd @ Ely Bridge Rd, 26 May 2019, BGS, 45.551N 84.853W

Colocasia propinquilinea, Berrien Co, Grand Mere State Park, 14 Aug 2019, SCB

Ctenoplusia oxygramma, **Delta Co**, Schaawe Lake Barrens, 23 Sep 2017, KEJ

Dargida rubripennis, **Berrien Co**, Grand Mere State Park, 14 Aug 2019, SCB

Epiglaea apiata, Alger Co, Sixteenmile Lake Peatlands, 19 Sep 2017, KEJ

Epiglaea apiata, Luce Co, Wanamaker Lake Peatlands, 8 Oct 2017, KEJ, worn

Epiglaea apiata, Osceola Co, Little Long Lake, 15 Sep 2017, KEJ

Eucloptocnemis fimbriaris, Oceana Co, Silver Lake State Park, 15 Sep 2017, KEJ

Eupsilia devia, **Calhoun Co**, Ott Biological Preserve, 24 Mar 2017, KEJ

Eupsilia morrisoni, **Midland Co**, Sturgeon Creek, 23 Mar 2019, SCB, also KEJ, Dwayne Badgero, Ted Herig

Eupsilia schweitzeri, **Calhoun Co**, Ott Biological Preserve, 24 Mar 2017, KEJ

Eupsilia schweitzeri, **Hillsdale Co**, Lost Nation SGA, 24 Mar 2019, SCB, also KEJ
Eupsilia schweitzeri, **Midland Co**, Sturgeon Creek, 23 Mar 2019, KEJ, also SCB, Dwayne Badgero, Ted Herig
Eupsilia vinulenta, **Hillsdale Co**, Lost Nation SGA, 24 Mar 2019, KEJ, also SCB
Euxoa niveilinea, Mason Co, Ludington State Park, 10 Sep 2017, KEJ
Euxoa pleuritica, Berrien Co, Grand Mere State Park, 14 Aug 2019, SCB
Fishia yosemitae, Alger Co, Baldy Lake Barrens, 19 Sep 2017, KEJ
Fishia yosemitae, **Delta Co**, Schaawe Lake Barrens, 23 Sep 2017, KEJ
Graphiphora augur, Montmorency Co, Foche Lakes, 13 Sep 2017, KEJ
Helicoverpa zea, Keweenaw Co, Eagle River (Ferge backyard), 3 Oct 2017, LAF
Hydraecia stramentosa, **Delta Co**, Brampton, 22 Sep 2017, KEJ
Lemmeria digitalis, **Alger Co**, Sixteenmile Lake Peatlands, 19 Sep 2017, KEJ
Lemmeria digitalis, **Delta Co**, Brampton, 22 Sep 2017, KEJ
Leucania ursula, Berrien Co, Grand Mere State Park, 14 Aug 2019, SCB
Lithophane adipel, **Delta Co**, Schaawe Lake Barrens, 23 Sep 2017, KEJ
Lithophane disposita, **Calhoun Co**, Ott Biological Preserve, 24 Mar 2017, KEJ
Lithophane hemina, **Calhoun Co**, Ott Biological Preserve, 24 Mar 2017, KEJ
Lithophane innominata, **Missaukee Co**, Dead Stream Swamp, 14 Sep 2017, KEJ
Lithophane joannis, Lenawee Co, Morenci, 24 Mar 2019, SCB, also KEJ
Lithophane petulca, **Alger Co**, Sixteenmile Lake, 19 Sep 2017, KEJ
Lithophane semiusta, **Calhoun Co**, Ott Biological Preserve, 24 Mar 2017, KEJ
Lithophane semiusta, **Hillsdale Co**, Lost Nation SGA, 24 Mar 2019, SCB
Lithophane semiusta, **Lenawee Co**, Morenci, 24 Mar 2019, KEJ, also SCB
Lithophane semiusta, **Montmorency Co**, Foche Lakes, 13 Sep 2017, KEJ
Lithophane semiusta, Otsego Co, Turtle Lake Barrens, 12 Sep 2017, KEJ
Lithophane signosa, **Hillsdale Co**, Lost Nation SGA, 24 Mar 2019, KEJ
Lithophane signosa, Lenawee Co, Morenci, 24 Mar 2019, SCB, also KEJ
Lithophane tepida, **Montmorency Co**, Foche Lakes, 13 Sep 2017, KEJ
Lithophane unimoda, **Hillsdale Co**, Lost Nation SGA, 24 Mar 2019, SCB, also KEJ
Meropleon diversicolor, **Alger Co**, Sixteenmile Lake, 19 Sep 2017, KEJ
Meropleon diversicolor, Missaukee Co, Dead Stream Swamp, 14 Sep 2017, KEJ
Morrisonia evicta, **Emmet Co**, U of Michigan Biological Station, Douglas Lake Rd, 26 May 2019, BGS, 45.574N 84.758W
Orthosia hibisci, **Calhoun Co**, Ott Biological Preserve, 24 Mar 2017, KEJ
Orthosia hibisci, Keweenaw Co, Eagle River (Crestview Trail), 22 Apr 2017, LAF
Orthosia rubescens, **Cheboygan Co**, Crum family cottage, 21 May 2019, BGS, 45.569N 84.720W
Orthosia rubescens, **Emmet Co**, Robinson Rd @ Ely Bridge Rd, 26 May 2019, BGS, 45.551N 84.853W
Orthosia segregata, Keweenaw Co, Eagle River (Crestview Trail), 22 Apr 2017, LAF
Papaipema appassionata, Alger Co, Sixteenmile Lake Peatlands, 19 Sep 2017, KEJ, rather late date
Papaipema arctivorens, **Mason Co**, Ludington State Park, 10 Sep 2017, KEJ
Papaipema eupatorii, **Delta Co**, Brampton, 22 Sep 2017, KEJ
Papaipema furcata, **Delta Co**, Ensign, 22 Sep 2017, KEJ
Papaipema impecuniosa, **Delta Co**, Brampton, 22 Sep 2017, KEJ
Papaipema inquaesita, **Missaukee Co**, Dead Stream Swamp, 14 Sep 2017, KEJ
Papaipema inquaesita, **Oceana Co**, Silver Lake State Park, 15 Sep 2017, KEJ
Papaipema inquaesita, **Osceola Co**, Little Long Lake, 15 Sep 2017, KEJ
Papaipema leucostigma, **Oceana Co**, Silver Lake State Park, 15 Sep 2017, KEJ
Papaipema nepheloptena, **Delta Co**, Ensign, 22 Sep 2017, KEJ
Papaipema pterisii, Alger Co, Sixteenmile Lake Peatlands, 19 Sep 2017, KEJ
Papaipema pterisii, **Missaukee Co**, Dead Stream Swamp, 14 Sep 2017, KEJ
Papaipema pterisii, Montmorency Co, Foche Lakes, 13 Sep 2017, KEJ
Papaipema pterisii, Osceola Co, Little Long Lake, 15 Sep 2017, KEJ
Papaipema speciosissima, **Osceola Co**, Little Long Lake, 15 Sep 2017, KEJ
Polygrammate hebraicum, **Berrien Co**, Grand Mere State Park, 14 Aug 2019, SCB
Psaphida styracis, **Calhoun Co**, Ott Biological Preserve, 24 Mar 2017, KEJ
Pyreferra pettiti, **Hillsdale Co**, Lost Nation SGA, 24 Mar 2019, KEJ, also SCB
Schinia lynx, Oceana Co, Silver Lake State Park, 15 Sep 2017, KEJ
Sericaglaea signata, **Calhoun Co**, Ott Biological Preserve, 24 Mar 2017, KEJ
Spodoptera frugiperda, Keweenaw Co, Eagle River (Ferge backyard), 3 Oct 2017, LAF
Sutyna privata, Luce Co, Wanamaker Lake Peatlands, 8 Oct 2017, KEJ
Syngrapha octoscripta, Otsego Co, Turtle Lake Barrens, 12 Sep 2017, KEJ, at bait, worn
Trichoplusia ni, Keweenaw Co, Eagle River (Ferge backyard), 3 Oct 2017, LAF
Xestia badicallis, Alger Co, Sixteenmile Lake Peatlands, 19 Sep 2017, KEJ
Xestia dilucida, Missaukee Co, Norwich Plains, 14 Sep 2017, KEJ
Xylena nupera, **Alger Co**, Sixteenmile Lake, 19 Sep 2017, KEJ
Xylotype arcadia, **Alger Co**, Sixteenmile Lake, 19 Sep 2017, KEJ

Nolidae:

Baileya dormitans, **Emmet Co**, Robinson Rd @ Ely Bridge Rd, 26 May 2019, BGS, 45.551N 84.853W

Notodontidae:

Clostera apicalis, **Emmet Co**, Wilderness State Park, Nebo trail, 1 Aug 2018, BGS, 45.7513N 84.8776W

Nymphalidae:

Euphydryas phaeton, Gogebic Co, Little Girls Point near Ironwood, 7 Jul 2017, EPO

Polygonia faunus, Otsego Co, Turtle Lake, 12 Sep 2017, KEJ

Vanessa cardui, Keweenaw Co, Eagle River (Ferge backyard), 2 Oct 2017, LAF

Sesiidae:

Paranthrene dollii, Clinton Co, Olive Twp, Sec 28, 10 Jun 2017, WTJ

Pennisetia marginatum, Delta Co, Brampton Twp, Gladstone, 18 Aug 2017, WTJ

Synanthedon fulvipes, Chippewa Co, Raber Twp, T43N R2E Sec 29, 26 Jun 2017, WTJ

Synanthedon pini, Clinton Co, Olive Twp, Sec 28, 1 Jul 2017, WTJ

Sphingidae:

Amorpha juglandis, Berrien Co, Grand Mere State Park, 14 Aug 2019, SCB

Amphion floridensis, Cheboygan Co, U of Michigan Biological Station, powerline on E Burt Lake Rd, 17 Jun 2019, BGS, 45.548N 84.664W, first record since 1989

Ceratonia catalpae, **Berrien Co**, Grand Mere State Park, 14 Aug 2019, SCB

Erinnyis obscura, **Delta Co**, Schaawe Lake Barrens, 23 Sep 2017, KEJ, first record from Upper Michigan

Tineidae:

Hybroma servulella, **Cheboygan Co**, U of Michigan Biological Station, straw bale hosue, 3 Aug 2019, BGS, 45.559N 84.675W, **State record**

Isocorypha mediostriatella, Cheboygan Co, U of Michigan Biological Station, cabin area, 11 Aug 2019, BGS, 45.561N 84.669W, 2nd known record from upper Lower Peninsula

Tortricidae:

Acleris bowmanana, **Midland Co**, Sturgeon Creek, 23 Mar 2019, KEJ, also SCB, Dwayne Badgero, Ted Herig

Acleris chalybeana, Alger Co, Sixteenmile Lake, 19 Sep 2017, KEJ

Acleris comana, **Cheboygan Co**, Crum family cottage, 21 May 2019, BGS, 45.569N 84.720W

Acleris comana, **Hillsdale Co**, Lost Nation SGA, 24 Mar 2019, KEJ

Acleris forbesana, **Cheboygan Co**, Crum family cottage, 21 May 2019, BGS, 45.569N 84.720W

Acleris maccana, Luce Co, Wanamaker Lake Peatlands, 8 Oct 2017, KEJ

Acleris negundana, **Lenawee Co**, Morenci, 24 Mar 2019, KEJ, also SCB

Acleris nigrolinea, **Calhoun Co**, Ott Biological Preserve, 24 Mar 2017, KEJ

Acleris oxycoccana, **Midland Co**, Sturgeon Creek, 23 Mar 2019, KEJ, also SCB, Dwayne Badgero, Ted Herig

Acleris schalleriana, **Calhoun Co**, Ott Biological Preserve, 24 Mar 2017, KEJ

Acleris schalleriana, **Hillsdale Co**, Lost Nation SGA, 24 Mar 2019, SCB

Acleris schalleriana, **Luce Co**, Wanamaker Lake Peatlands, 8 Oct 2017, KEJ

Acleris subnivana, **Calhoun Co**, Ott Biological Preserve, 24 Mar 2017, KEJ

Acleris subnivana, **Cheboygan Co**, Crum family cottage, 21 May 2019, BGS, 45.569N 84.720W

Acleris variana, Alger Co, Sixteenmile Lake, 19 Sep 2017, KEJ

Apotomis tertia, **Emmet Co**, Wilderness State Park, pines at Bliss beach, 24 Jul 2018, BGS, 45.6839N 84.9715W, **State record**

Archips alberta, Alger Co, Sixteenmile Lake, 19 Sep 2017, KEJ

Epinotia arctostaphylana, **Delta Co**, Schaawe Lake Barrens, 23 Sep 2017, KEJ

Epinotia radicans, **Alger Co**, Sixteenmile Lake Peatlands, 19 Sep 2017, KEJ

Epinotia septemberana, Alger Co, Sixteenmile Lake Peatlands, 19 Sep 2017, KEJ

Epinotia vertumnana, **Lenawee Co**, Morenci, 24 Mar 2019, KEJ, also SCB

Eumarozia malachitana, **Calhoun Co**, Ott Biological Preserve, 24 Mar 2017, KEJ

Olethreutes turfosana, **Emmet Co**, Wilderness State Park, Nebo trail, 1 Aug 2018, BGS, 45.7513N 84.8776W, **State record**

Ypsolophidae:

Ypsolopha falciferella, **Emmet Co**, U of Michigan Biological Station, Douglas Lake Rd, 26 May 2019, BGS, 45.574N 84.758W

Minnesota:**Acrolepiidae:**

Acrolepiopsis incertella, **Houston Co**, Mound Prairie, 7 May 2017, KEJ, probable **State record**

Adelidae:

Adela purpurea, **Carlton Co**, Blackhoof River WMA, 21 Apr 2017, KEJ

Adela purpurea, **Koochiching Co**, Old Pine Island Ranger Station, 10 May 2019, KEJ, ex *Salix humilis* catkins

Alucitidae:

Alucita montana, Cook Co, 76 Walter Rd, Devil Track Lake, 15 Jul-24 Oct 2017, DBM

Argyresthiidae:

Argyresthia conjugella, **Lake of the Woods Co**, Norris Camp, 27 Jun 2019, KEJ

Coleophoridae:

Coleophora deauratella, **Lake of the Woods Co**, Norris Camp, 27 Jun-4 Jul 2019, KEJ

Cossidae:

Acosus centerensis, Cook Co, Walter Rd, E end of Devil Track Lake, 6 Jul 2019, DBM

Acosus centerensis, **Kittson Co**, Caribou WMA, 27 Jun 2017, KEJ

Crambidae:

Acentria ephemerella, **Sherburne Co**, Sherburne NWR/Mahnomen Trail, 26 Jul 2017, JS6, several at UV light
Crambus girardellus, **Kittson Co**, Caribou WMA, 28 Jun 2017, KEJ
Crambus perlella, **Cook Co**, 76 Walter Rd, Devil Track Lake, 21 Jun 2017, DBM
Crambus praefectellus, **Cook Co**, 76 Walter Rd, Devil Track Lake, 16 Jun 2017, DBM
Donacaula melinellus, **Cook Co**, 76 Walter Rd E end of Devil Track Lake, 3 Aug 2019, DBM
Elophila ekthipsis, **Cook Co**, 76 Walter Rd E end of Devil Track Lake, 25 Jul 2019, DBM
Eudonia strigalis, **Olmsted Co**, Chester Woods Park, 2 Oct 2017, KEJ
Glaphyria sesquialis, **Isanti Co**, 2.5 mi W of Pine Brook, 2 Aug 2017, JS6
Herpetogramma abdominalis, **Cook Co**, 76 Walter Rd E end of Devil Track Lake, 3-21 Aug 2019, DBM
Herpetogramma pertextalis, **Cook Co**, 76 Walter Rd, Devil Track Lake, 20 Aug 2017, DBM
Herpetogramma theseusalis, **Sherburne Co**, Sherburne NWR/Mahnomen Trail, 27 Jul 2019, JS6
Herpetogramma thestealis, **Pine Co**, Fox Rd, 3 mi W of Hinckley, 22 Aug 2019, DBM, also Gary Hinds
Microcrambus biguttellus, **Olmsted Co**, Chester Woods Park, 2 Oct 2017, KEJ
Microcrambus elegans, **Pine Co**, Hinckley, 14 Sep 2017, DBM, record from Gary Hinds, ID Brian Scholtens
Palpita arsaltealis, **Cook Co**, 76 Walter Rd, Devil Track Lake, 16 Jun 2017, DBM
Palpita magniferalis, **Cook Co**, 76 Walter Rd E end of Devil Track Lake, 13 May 2019, DBM
Palpita magniferalis, **Cook Co**, 76 Walter Rd, Devil Track Lake, 23 Jun 2019, DBM
Palpita magniferalis, **Pine Co**, Fox Rd, 3 mi W of Hinckley, 8 Aug 2019, DBM, also Gary Hinds
Parapopynx badiusalis, **Pine Co**, Hinckley, 14 Sep 2017, DBM, record from Gary Hinds
Perispasta caeculalis, **Sherburne Co**, Sherburne NWR/Mahnomen Trail, 26 Jul 2017, JS6
Pyrausta acronialis, **Pine Co**, Fox Rd, 3 mi W of Hinckley, 22 Aug 2019, DBM, also Gary Hinds
Pyrausta bicoloralis, **Pine Co**, Fox Rd, 3 mi W of Hinckley, 3 Jul 2019, DBM, also Gary Hinds
Pyrausta nicalis, **Lake of the Woods Co**, Norris Camp, 4-5 Jul 2019, KEJ
Pyrausta orphisalis, **St. Louis Co**, near Meadowlands, 18 Jun 2019, DBM, also Jenny McCormick
Pyrausta pythialis, **Lake of the Woods Co**, Norris Camp, 4 Jul 2019, KEJ, seldom reported
Pyrausta scurralis, **Lake of the Woods Co**, Norris Camp, 31 Aug 2019, KEJ
Pyrausta subsequalis, **Pine Co**, Fox Rd, 3 mi W of Hinckley, 11 Jul 2019, DBM, also Gary Hinds
Scoparia biplagiata, **Pine Co**, Fox Rd, 3 mi W of Hinckley, 26 Jun 2019, DBM, also Gary Hinds
Spoladea recurvalis, **Olmsted Co**, Chester Woods Park, 2 Oct 2017, KEJ
Udea rubigalis, **Pine Co**, Hinckley, 14 Sep 2017, DBM, record from Gary Hinds
Urola nivalis, **Cook Co**, 76 Walter Rd, Devil Track Lake, 15 Jul 2017, DBM

Depressariidae:

Agonopterix curvilineella, **Olmsted Co**, Chester Woods Park, 2 Oct 2017, KEJ
Depressariodes canella, **Roseau Co**, Axel Olson's Corner, 17 Aug 2019, KEJ, probable **State record**
Depressariodes fulva, **Lake of the Woods Co**, Norris Camp, 31 Aug 2019, KEJ, common
Semioscopis merricella, **Lake of the Woods Co**, Norris Camp, 24 Apr 2019, KEJ
Semioscopis packardella, **Cook Co**, 76 Walter Rd, Devil Track Lake, 1 Jun 2017, DBM

Drepanidae:

Drepana arcuata, **Cook Co**, 76 Walter Rd E end of Devil Track Lake, 6 Jul 2019, DBM
Drepana arcuata, **Cook Co**, 76 Walter Rd, Devil Track Lake, 18-28 Jun 2017, DBM
Drepana arcuata, **St. Louis Co**, nr. Laurentian Environmental Center, 29 Jun 2017, DBM, record from Dave Grosshuesch
Drepana bilineata, **Cook Co**, 76 Walter Rd E end of Devil Track Lake, 18 Jun-8 Aug 2019, DBM
Drepana bilineata, **Cook Co**, 76 Walter Rd, Devil Track Lake, 26 May-12 Aug 2017, DBM
Euthyatira pudens, **Cook Co**, 76 Walter Rd, Devil Track Lake, 6 Jun 2017, DBM
Habrosyne scripta, **Cook Co**, 76 Walter Rd, Devil Track Lake, 28 Jun-4 Jul 2017, DBM

Epermeniidae:

Epermenia cicutaella, **Lake of the Woods Co**, Norris Camp, 27 Jun-4 Jul 2019, KEJ

Epiplimidae:

Callizia amorata, **Kittson Co**, Lake Bronson State Park, 7 Aug 2017, KEJ

Erebidae:

Anticarsia gemmatalis, **Olmsted Co**, Chester Woods Park, 2 Oct 2017, KEJ
Apantesis williamsii, **Lake of the Woods Co**, Northwest Angle, Caribou Ridge, 29 Jul 2017, KEJ, previous records from the Arrowhead
Arctia caja, **Cook Co**, 76 Walter Rd, Devil Track Lake, 14 Aug 2017, DBM
Arctia caja, **Lake of the Woods Co**, Northwest Angle, Sevenmile Swamp, 3 Jul 2017, KEJ
Ascalapha odorata, **Cook Co**, 211 Arrowhead Trail CR 16, 3 Oct 2019, DBM, also Dianne Anderson
Calyptra canadensis, **Cook Co**, 76 Walter Rd E end of Devil Track Lake, 24 Jul 2019, DBM
Catocala amatrix, **Pine Co**, Fox Rd, 3 mi W of Hinckley, 31 Aug 2019, DBM, also Gary Hinds
Catocala blandula, **Cook Co**, 76 Walter Rd, Devil Track Lake, 12 Sep 2017, DBM
Catocala blandula, **Lake Co**, Wolf Ridge Environmental Center, 26 Jul 2017, DBM
Catocala briseis, **Lake Co**, Wolf Ridge Environmental Center, 26 Jul 2017, DBM
Catocala cara, **Olmsted Co**, Chester Woods Park, 2 Oct 2017, KEJ
Catocala cerogama, **Kittson Co**, Lake Bronson State Park, 7 Aug 2017, KEJ
Catocala clintonii, **Koochiching Co**, Franz-Jevne State Park, 31 Jul 2017, KEJ
Catocala concumbens, **Cook Co**, 76 Walter Rd E end of Devil Track Lake, 17 Sep 2019, DBM
Catocala concumbens, **Cook Co**, 76 Walter Rd, Devil Track Lake, 14-18 Sep 2017, DBM

Catocala concumbens, Pine Co, Hinckley, 13-26 Sep 2017, DBM, record from Gary Hinds
Catocala ilia, **Koochiching Co**, Franz-Jevne State Park, 31 Jul 2017, KEJ
Catocala lineella, **Kittson Co**, Norway Dunes, 7 Aug 2017, KEJ
Catocala praeclara, **Kittson Co**, Halma, 8 Aug 2017, KEJ
Catocala relictata, Cook Co, 76 Walter Rd E end of Devil Track Lake, 17 Sep-10 Oct 2019, DBM
Catocala relictata, Cook Co, 76 Walter Rd, Devil Track Lake, 13-19 Sep 2017, DBM
Catocala relictata, Cook Co, Grand Marais Community Center, 12-25 Sep 2017, DBM
Catocala semirelictata, **Koochiching Co**, Franz-Jevne State Park, 31 Jul 2017, KEJ
Catocala ultronia, Cook Co, 76 Walter Rd E end of Devil Track Lake, 17 Sep 2019, DBM
Catocala ultronia, Cook Co, 76 Walter Rd, Devil Track Lake, 14-18 Sep 2017, DBM
Catocala unijuga, Cook Co, 76 Walter Rd E end of Devil Track Lake, 17-21 Sep 2019, DBM
Catocala unijuga, Kittson Co, Lake Bronson State Park, 7 Aug 2017, KEJ
Catocala unijuga, Pine Co, Fox Rd, 3 mi W of Hinckley, 3 Sep 2019, DBM, also Gary Hinds
Chytolita morbidalis, Cook Co, 76 Walter Rd E end of Devil Track Lake, 6 Aug 2019, DBM
Clemensia albata, Cook Co, 76 Walter Rd E end of Devil Track Lake, 21 Aug 2019, DBM
Crambidia casta, Kittson Co, Norway Dunes, 7 Aug 2017, KEJ
Crambidia casta, **Sherburne Co**, Sherburne NWR/Mahnomen Trail, 19 Aug 2017, JS6
Ctenucha virginica, Pine Co, Fox Rd, 3 mi W of Hinckley, 17 Jun 2019, DBM, also Gary Hinds
Dasychira dorsipennata, Cook Co, 76 Walter Rd, Devil Track Lake, 24 Jul 2017, DBM
Grammia virgo, Cook Co, 76 Walter Rd, Devil Track Lake, 21 Jul 2017, DBM
Grammia virgo, Pine Co, Fox Rd, 3 mi W of Hinckley, 11 Jul 2019, DBM, also Gary Hinds
Halysidota tessellaris, Pine Co, Fox Rd, 3 mi W of Hinckley, 26 Jun 2019, DBM, also Gary Hinds
Haploa confusa, Lake Co, Wolf Ridge Bioblitz, 17 Jul 2019, DBM
Hypena baltimoralis, Cook Co, Lund Rd, near Lutsen, 30 Jun 2017, DBM, also Dave Grosshuesch
Hypena baltimoralis, **Pine Co**, Hinckley, 12 Sep 2017, DBM, record from Gary Hinds
Hypena bijugalis, Cook Co, 76 Walter Rd, Devil Track Lake, 14 Aug 2017, DBM
Hypena bijugalis, **Lake of the Woods Co**, Norris Camp, 27 Jun 2019, KEJ
Hypena scabra, Cook Co, 76 Walter Rd E end of Devil Track Lake, 9 Oct 2019, DBM
Hypena scabra, Pine Co, Fox Rd, 3 mi W of Hinckley, 8 Aug-9 Oct 2019, DBM, also Gary Hinds, ID Brian Scholtens
Hyphenodes fractilinea, **Lake of the Woods Co**, Norris Camp, 31 Aug 2019, KEJ
Hyphantria cunea, Cook Co, 76 Walter Rd, Devil Track Lake, 15-17 Jul 2017, DBM
Hypoprepia fucosa, Cook Co, 76 Walter Rd E end of Devil Track Lake, 25 Jul-3 Aug 2019, DBM
Hypoprepia fucosa, Cook Co, 76 Walter Rd, Devil Track Lake, 21 Jul-8 Aug 2017, DBM
Hypoprepia fucosa, Pine Co, Fox Rd, 3 mi W of Hinckley, 11 Jul 2019, DBM, also Gary Hinds
Hypoprepia miniata, Koochiching Co, Franz-Jevne State Park, 31 Jul 2017, KEJ
Hypoprepia miniata, Lake of the Woods Co, Northwest Angle, Caribou Ridge, 29 Jul 2017, KEJ
Idia aemula, Cook Co, 76 Walter Rd E end of Devil Track Lake, 24 Jul-16 Aug 2019, DBM
Idia americalis, Cook Co, 76 Walter Rd E end of Devil Track Lake, 24 Jul-21 Aug 2019, DBM
Idia americalis, Cook Co, 76 Walter Rd, Devil Track Lake, 8-20 Aug 2017, DBM
Idia americalis, **Pine Co**, Hinckley, 13 Sep 2017, DBM, record from Gary Hinds
Idia americalis, Pine Co, Fox Rd, 3 mi W of Hinckley, 6-16 Sep 2019, DBM, also Gary Hinds
Idia diminuendis, Isanti Co, Sager's Swamp (1.5 mi W of Pine Brook), 23 Jul 2019, JS6
Idia lubricalis, Kittson Co, Halma, 8 Aug 2017, KEJ
Idia rotundalis, **Isanti Co**, Sager's Swamp (1.5 mi W of Pine Brook), 24 Jul-14 Aug 2017, JS6
Lophocampa maculata, Cook Co, 76 Walter Rd E end of Devil Track Lake, 6 Jul 2019, DBM
Lophocampa maculata, Cook Co, 76 Walter Rd, Devil Track Lake, 12 Jun-15 Jul 2017, DBM
Manulea bicolor, Cook Co, 76 Walter Rd E end of Devil Track Lake, 3-8 Aug 2019, DBM
Manulea bicolor, Cook Co, 76 Walter Rd, Devil Track Lake, 15 Jul-21 Aug 2017, DBM
Mycterophora inexplicata, Lake of the Woods Co, Norris Camp, 31 Aug 2019, KEJ, seldom encountered
Orgyia leucostigma, Cook Co, 76 Walter Rd E end of Devil Track Lake, 17 Sep 2019, DBM
Orgyia leucostigma, Cook Co, 76 Walter Rd, Devil Track Lake, 12-24 Sep 2017, DBM
Orgyia leucostigma, Pine Co, Fox Rd, 3 mi W of Hinckley, 15 Aug-8 Sep 2019, DBM, also Gary Hinds
Palthis angulalis, Cook Co, 76 Walter Rd, Devil Track Lake, 10 Jul 2017, DBM
Palthis angulalis, Pine Co, Fox Rd, 3 mi W of Hinckley, 17 Jun 2019, DBM, also Gary Hinds
Parallelia bistriaris, Cook Co, 76 Walter Rd, Devil Track Lake, 14 Sep 2017, DBM
Phalaenophana pyramusalis, St. Louis Co, Carpenter Rd. nr. Hwy 25, 26 Jun 2017, DBM
Phalaenostola hanhami, Cook Co, 76 Walter Rd E end of Devil Track Lake, 6 Aug 2019, DBM
Phalaenostola hanhami, **St. Louis Co**, Voyageurs Sand Lake Resort, 29 Jun 2017, DBM, also Dave Grosshuesch
Phragmatobia assimilians, Cook Co, 76 Walter Rd, Devil Track Lake, 7 Jun-4 Jul 2017, DBM
Platarctia parthenos, Cook Co, 76 Walter Rd E end of Devil Track Lake, 6 Jul 2019, DBM
Platarctia parthenos, Cook Co, 76 Walter Rd, Devil Track Lake, 21 Jun-10 Jul 2017, DBM
Platarctia parthenos, Lake Co, Wolf Ridge Environmental Center, 26 Jul 2017, DBM
Platarctia parthenos, Lake Co, Wolf Ridge Bioblitz, 17 Jul 2019, DBM
Platarctia parthenos, Lake of the Woods Co, Norris Camp, 27 Jun 2019, RT, also SCB, KEJ, 100+ observed
Rivula propinqualis, **Cook Co**, 76 Walter Rd, Devil Track Lake, 10 Jul 2017, DBM
Rivula propinqualis, Cook Co, 76 Walter Rd E end of Devil Track Lake, 25 Jul 2019, DBM

Scoliopteryx libatrix, Cook Co, 76 Walter Rd, Devil Track Lake, 7-9 Jun 2017, DBM
Spargaloma sexpunctata, Cook Co, 76 Walter Rd E end of Devil Track Lake, 14 Jul 2019, DBM
Spilosoma dubia, Cook Co, 76 Walter Rd E end of Devil Track Lake, 20 Jun 2019, DBM
Spilosoma dubia, Lake of the Woods Co, Northwest Angle, Big Caribou Bog, 1 Jun 2017, KEJ
Spilosoma virginica, Cook Co, 76 Walter Rd E end of Devil Track Lake, 23 Jun-6 Jul 2019, DBM
Spilosoma virginica, Cook Co, 76 Walter Rd, Devil Track Lake, 13 Jun-4 Jul 2017, DBM
Spilosoma virginica, Lake Co, Wolf Ridge Bioblitz, 17 Jul 2019, DBM
Spilosoma virginica, Pine Co, Fox Rd, 3 mi W of Hinckley, 17 Jun 2019, DBM, also Gary Hinds
Virbia lamae, **Aitkin Co**, Floodwood Peatlands, 27 Jul 2017, KEJ
Zale intenta, **Fillmore Co**, Rushford Barrens, 8 Apr 2017, KEJ
Zale intenta, **Houston Co**, Mound Prairie, 8 Apr 2017, KEJ
Zale intenta, **Lake of the Woods Co**, Norris Camp, 12 May 2019, KEJ
Zale metatoides, **Lake of the Woods Co**, Norris Camp, 5 Jul 2019, KEJ
Zale minerea, Cook Co, 76 Walter Rd E end of Devil Track Lake, 18 Jun-2 Jul 2019, DBM
Zale minerea, Cook Co, 76 Walter Rd, Devil Track Lake, 3-28 Jun 2017, DBM
Zanclognatha cruralis, Lake Co, Wolf Ridge Environmental Center, 26 Jul 2017, DBM
Zanclognatha dentata, **Isanti Co**, Sager's Swamp (1.5 mi W of Pine Brook), 15 Jul 2017, JS6
Zanclognatha jacchusalis, Cook Co, 76 Walter Rd, Devil Track Lake, 14 Aug 2017, DBM
Zanclognatha lituralis, **Isanti Co**, Sager's Swamp (1.5 mi W of Pine Brook), 14 Jun 2017, JS6
Zanclognatha marcidilinea, **Olmsted Co**, Chester Woods Park, 2 Oct 2017, KEJ
Zanclognatha theralis, Cook Co, 76 Walter Rd E end of Devil Track Lake, 24-25 Jul 2019, DBM

Gelechiidae:

Aristotelia rubidella, **Isanti Co**, Sager's Swamp (1.5 mi W of Pine Brook), 2 Aug 2017, JS6
Athrips pruinoseella, **Lake of the Woods Co**, Norris Camp, 27 Jun 2019, KEJ, **State record**
Chionodes fondella, **Lake of the Woods Co**, Norris Camp, 27 Jun 2019, KEJ
Scrobipalopsis petrella, **Lake of the Woods Co**, Norris Camp, 4 Jul 2019, KEJ, probable **State record**

Geometridae:

Aethalura intertexta, Cook Co, 76 Walter Rd, Devil Track Lake, 2-16 Jun 2017, DBM
Aethalura intertexta, Cook Co, 76 Walter Rd E end of Devil Track Lake, 18 Jun-16 Aug 2019, DBM
Aethalura intertexta, Pine Co, Fox Rd, 3 mi W of Hinckley, 17 Jun 2019, DBM, also Gary Hinds
Alsophila pometaria, **Kittson Co**, Lake Bronson State Park, 25 Oct 2017, KEJ
Alsophila pometaria, **Lake of the Woods Co**, Norris Camp, 22 Oct 2017, KEJ
Alsophila pometaria, **Roseau Co**, Bemis Hill, 21 Oct 2017, KEJ
Anavitrinella pampinaria, Cook Co, 76 Walter Rd, Devil Track Lake, 16-28 Jun 2017, DBM
Anavitrinella pampinaria, Pine Co, Fox Rd, 3 mi W of Hinckley, 17 Jun-24 Jul 2019, DBM, also Gary Hinds
Apodrepanulatrix liberaria, **Roseau Co**, Palsburg Pine Plains, 29 Aug 2019, KEJ
Archiearis infans, Cook Co, 76 Walter Rd, Devil Track Lake, 1 Jun 2017, DBM
Archiearis infans, Cook Co, 76 Walter Rd E end of Devil Track Lake, 13 May 2019, DBM
Archiearis infans, **Houston Co**, Mound Prairie, 8 Apr 2017, KEJ
Archiearis infans, Winona Co, Whitewater WMA, 7 Apr 2017, KEJ
Biston betularia, Cook Co, 76 Walter Rd E end of Devil Track Lake, 2 Jul 2019, DBM
Biston betularia, Cook Co, 76 Walter Rd, Devil Track Lake, 23 May-24 Jul 2017, DBM
Biston betularia, Lake Co, Wolf Ridge Environmental Center, 26 Jul 2017, DBM, 2017 Bio Blitz
Cabera variolaria, Cook Co, 76 Walter Rd, Devil Track Lake, 14 Jul-13 Sep 2017, DBM
Cabera variolaria, Pine Co, Fox Rd, 3 mi W of Hinckley, 8 Aug 2019, DBM, also Gary Hinds
Campaea perlata, Cook Co, 76 Walter Rd E end of Devil Track Lake, 25 Jul-10 Aug 2019, DBM
Campaea perlata, Cook Co, 76 Walter Rd, Devil Track Lake, 1 Aug 2017, DBM
Campaea perlata, Lake Co, Wolf Ridge Environmental Center, 26 Jul 2017, DBM
Campaea perlata, Lake Co, Wolf Ridge Bioblitz, 17 Jul 2019, DBM
Campaea perlata, Pine Co, Fox Rd, 3 mi W of Hinckley, 3 Jul-16 Sep 2019, DBM, also Gary Hinds
Caripeta divisata, Cook Co, 76 Walter Rd, Devil Track Lake, 4 Jul 2017, DBM
Carsia sororiata, Lake of the Woods Co, Northwest Angle, Big Caribou Bog, 30 Jul 2017, KEJ
Cepphis armataria, **Kittson Co**, Caribou WMA, 27 Jun 2017, KEJ
Cladara atroliturata, Cook Co, 76 Walter Rd, Devil Track Lake, 12 May-17 Jun 2017, DBM
Cladara limitaria, Cook Co, 76 Walter Rd, Devil Track Lake, 12 May-3 Jun 2017, DBM
Costaconvexa centrostrigaria, **Kittson Co**, Skull Lake WMA, 25 Oct 2017, KEJ
Cyclophora pendulinaria, Cook Co, 76 Walter Rd E end of Devil Track Lake, 23 Jun-20 Aug 2019, DBM
Cyclophora pendulinaria, Pine Co, Fox Rd, 3 mi W of Hinckley, 7-22 Aug 2019, DBM, also Gary Hinds
Digrammia neptaria, Cook Co, 76 Walter Rd, Devil Track Lake, 3 Jun 2017, DBM
Dysstroma hersiliata, Cook Co, 76 Walter Rd E end of Devil Track Lake, 2-25 Jul 2019, DBM
Dysstroma hersiliata, Cook Co, 76 Walter Rd, Devil Track Lake, 4 Jul 2017, DBM
Ectropis crepuscularia, Cook Co, 76 Walter Rd E end of Devil Track Lake, 14 Aug 2019, DBM
Ectropis crepuscularia, Cook Co, 76 Walter Rd, Devil Track Lake, 2 Jun-12 Aug 2017, DBM
Ectropis crepuscularia, Pine Co, Fox Rd, 3 mi W of Hinckley, 8 Aug 2019, DBM, also Gary Hinds
Ematurga amitaria, **Kittson Co**, Caribou WMA, 28 Jun 2017, KEJ
Ennomos magnaria, Cook Co, 76 Walter Rd E end of Devil Track Lake, 20 Aug-24 Sep 2019, DBM

Ennomos magnaria, Cook Co, 76 Walter Rd, Devil Track Lake, 12 Aug-13 Sep 2017, DBM
Ennomos magnaria, Pine Co, Fox Rd, 3 mi W of Hinckley, 22 Aug 2019, DBM, also Gary Hinds
Epelis truncataria, Aitkin Co, McGregor Peatlands, 13 May 2017, KEJ
Epelis truncataria, Carlton Co, Kettle Lake Peatlands, 14 May 2017, KEJ
Epirrita autumnata henschawi, Cook Co, 76 Walter Rd E end of Devil Track Lake, 14 Sep-19 Oct 2019, DBM
Epirrita autumnata henschawi, Cook Co, 76 Walter Rd, Devil Track Lake, 12 Sep-22 Oct 2017, DBM
Epirrita autumnata henschawi, **Pine Co**, Hinckley, 12-13 Sep 2017, DBM, record from Gary Hinds
Epirrhoe alternata, Cook Co, 76 Walter Rd, Devil Track Lake, 7 Jun 2017, DBM
Epirrhoe alternata, **Pine Co**, Fox Rd, 3 mi W of Hinckley, 22 Aug 2019, DBM, also Gary Hinds
Erannis tiliaria, **Carlton Co**, Blackhoof River WMA, 19 Oct 2017, KEJ
Erannis tiliaria, Cook Co, 76 Walter Rd, Devil Track Lake, 11-18 Oct 2017, DBM
Erannis tiliaria, **Pine Co**, Hinckley, 12-20 Oct 2017, DBM, record from Gary Hinds
Erannis tiliaria, Pine Co, Fox Rd, 3 mi W of Hinckley, 9 Oct 2019, DBM, also Gary Hinds
Erastria coloraria, **Houston Co**, Mound Prairie, 8 Apr 2017, KEJ
Euchlaena johnsonaria, Kittson Co, Caribou WMA, 27 Jun 2017, KEJ
Euchlaena marginaria, Cook Co, 76 Walter Rd, Devil Track Lake, 16 Jun 2017, DBM
Euchlaena obtusaria, Cook Co, 76 Walter Rd E end of Devil Track Lake, 25 Jul 2019, DBM
Eugonobapta nivosaria, Cook Co, 76 Walter Rd, Devil Track Lake, 1 Aug 2017, DBM
Eugonobapta nivosaria, Pine Co, Fox Rd, 3 mi W of Hinckley, 11-24 Jul 2019, DBM, also Gary Hinds
Eulithis explanata, **Kittson Co**, Lake Bronson State Park, 7 Aug 2017, KEJ
Eupithecia mutata, Lake of the Woods Co, Norris Camp, 4 Jul 2019, KEJ
Eupithecia palpata, Cook Co, 76 Walter Rd, Devil Track Lake, 6-9 Jun 2017, DBM
Eupithecia ravocostaliata, Cook Co, 76 Walter Rd, Devil Track Lake, 26 May-3 Jun 2017, DBM
Eupithecia satyrata dodata, Cook Co, 76 Walter Rd, Devil Track Lake, 28 Jun 2017, DBM
Eusarca confusaria, **Pine Co**, Fox Rd, 3 mi W of Hinckley, 24 Jul 2019, DBM, also Gary Hinds
Eutrapela clemataria, Cook Co, 76 Walter Rd E end of Devil Track Lake, 18 Jun-2 Jul 2019, DBM
Eutrapela clemataria, Cook Co, 76 Walter Rd, Devil Track Lake, 28 May-18 Jun 2017, DBM
Hethemia pistasciaria, Lake of the Woods Co, Northwest Angle, Sevenmile Swamp, 1 Jun 2017, KEJ
Hethemia pistasciaria, St. Louis Co, near Meadowlands, 18 Jun 2019, DBM, also Jenny McCormick
Homochlodes fritillaria, Cook Co, 76 Walter Rd E end of Devil Track Lake, 19 Jun 2019, DBM
Hydrelia condensata, Cook Co, Lund Rd, near Lutsen, 30 Jun 2017, DBM, also Dave Grosshuesch
Hydriomena divisaria, Cook Co, 76 Walter Rd, Devil Track Lake, 16-21 Jun 2017, DBM
Hydriomena divisaria, Lake Co, Wolf Ridge Bioblitz, 17 Jul 2019, DBM
Hydriomena renunciata, Cook Co, 76 Walter Rd E end of Devil Track Lake, 18 Jun-14 Jul 2019, DBM
Hydriomena renunciata, Cook Co, 76 Walter Rd, Devil Track Lake, 9 Jun-10 Jul 2017, DBM
Hypagyrtis piniata, Pine Co, Fox Rd, 3 mi W of Hinckley, 26 Jun 2019, DBM, also Gary Hinds
Hypagyrtis unipunctata, Cook Co, 76 Walter Rd E end of Devil Track Lake, 14 Jul 2019, DBM
Hypagyrtis unipunctata, Cook Co, 76 Walter Rd, Devil Track Lake, 10 Jul 2017, DBM
Hypagyrtis unipunctata, Lake Co, Wolf Ridge Bioblitz, 17 Jul 2019, DBM
Hypagyrtis unipunctata, Pine Co, Fox Rd, 3 mi W of Hinckley, 11 Jul 2019, DBM, also Gary Hinds
Iridopsis ephyraria, Cook Co, 76 Walter Rd E end of Devil Track Lake, 3-21 Aug 2019, DBM
Iridopsis ephyraria, **Pine Co**, Fox Rd, 3 mi W of Hinckley, 7-8 Aug 2019, DBM, also Gary Hinds
Iridopsis larvaria, Cook Co, 76 Walter Rd, Devil Track Lake, 17-28 Jun 2017, DBM
Iridopsis vellivolata, Lake Co, Wolf Ridge Bioblitz, 17 Jul 2019, DBM
Iridopsis vellivolata, Pine Co, Fox Rd, 3 mi W of Hinckley, 26 Jun 2019, DBM, also Gary Hinds
Lambdina fiscellaria, Cook Co, 76 Walter Rd E end of Devil Track Lake, 20-24 Sep 2019, DBM
Lambdina fiscellaria, Cook Co, 76 Walter Rd, Devil Track Lake, 12 Sep-12 Oct 2017, DBM
Lambdina fiscellaria, **Olmsted Co**, Chester Woods Park, 2 Oct 2017, KEJ
Lambdina fiscellaria, **Pine Co**, Hinckley, 12 Oct 2017, DBM, record from Gary Hinds
Lambdina fiscellaria, Pine Co, Fox Rd, 3 mi W of Hinckley, 3 Jul 2019, DBM, also Gary Hinds
Lomographa glomeraria, Cook Co, 76 Walter Rd E end of Devil Track Lake, 14 Jul 2019, DBM
Lomographa glomeraria, Cook Co, 76 Walter Rd, Devil Track Lake, 28 May 2017, DBM
Lomographa semiclarata, Cook Co, 76 Walter Rd E end of Devil Track Lake, 23 Jun 2019, DBM
Lomographa semiclarata, Cook Co, S. Brule Rd (FR 325), 6 Jun 2017, DBM
Lomographa semiclarata, Cook Co, FR 304 (Old Land fill Rd), 7 Jun 2017, DBM
Lomographa semiclarata, Cook Co, CR 57, 25 May 2017, DBM
Lomographa semiclarata, Cook Co, 76 Walter Rd, Devil Track Lake, 5 Jun 2017, DBM
Lomographa semiclarata, Cook Co, Junco Creek Rd (FR 665), 1 Jun 2017, DBM
Lycia rachelae, **Clearwater Co**, Blue Lake, 23 Apr 2019, KEJ
Lycia rachelae, **Roseau Co**, Hayes Lake State Park, 24 Apr 2019, KEJ
Macaria aemulataria, Lake Co, Wolf Ridge Bioblitz, 17 Jul 2019, DBM
Macaria aemulataria, **Olmsted Co**, Chester Woods Park, 2 Oct 2017, KEJ
Macaria aemulataria, **Pine Co**, Fox Rd, 3 mi W of Hinckley, 26 Jun-24 Jul 2019, DBM, also Gary Hinds
Macaria amboflava, Clay Co, Felton Prairie, 25 Jun 2017, KEJ
Macaria exauspicata, **Sherburne Co**, Sherburne NWR/Mahnomen Trail, 21 Jun 2017, JS6
Macaria loricaria, Cook Co, 76 Walter Rd E end of Devil Track Lake, 14 Jul 2019, DBM

Macaria oweni, Cook Co, 76 Walter Rd, Devil Track Lake, 12 Jul 2017, DBM
Macaria pustularia, Cook Co, 76 Walter Rd E end of Devil Track Lake, 10 Aug 2019, DBM
Macaria pustularia, Pine Co, Fox Rd, 3 mi W of Hinckley, 3 Jul-22 Aug 2019, DBM, also Gary Hinds
Macaria sexmaculata, Cook Co, 76 Walter Rd, Devil Track Lake, 21 Jul 2017, DBM
Macaria signaria, Cook Co, 76 Walter Rd, Devil Track Lake, 13 Jun 2017, DBM
Macaria sulphurea, **Aitkin Co**, Floodwood Peatlands, 27 Jul 2017, KEJ
Melanolophia signataria, Cook Co, 76 Walter Rd, Devil Track Lake, 1 Jun 2017, DBM
Mesothea incertata, Aitkin Co, Floodwood Peatlands, 13 May 2017, KEJ
Mesothea incertata, Carlton Co, Kettle Lake Peatlands, 14 May 2017, KEJ
Metanema determinata, Cook Co, 76 Walter Rd, Devil Track Lake, 16 Jun-4 Jul 2017, DBM
Metarranthis refractaria, **Pine Co**, Fox Rd, 3 mi W of Hinckley, 26 Jun 2019, DBM, also Gary Hinds
Nematocampa resistaria, Cook Co, 76 Walter Rd E end of Devil Track Lake, 3-16 Aug 2019, DBM
Nematocampa resistaria, Pine Co, Fox Rd, 3 mi W of Hinckley, 24 Jul 2019, DBM, also Gary Hinds
Nemoria mimosaria, Cook Co, 76 Walter Rd, Devil Track Lake, 12-16 Jun 2017, DBM
Nemoria rubrifrontaria, **Olmsted Co**, Chester Woods Park, 2 Oct 2017, KEJ
Nepytia canosaria, Cook Co, 76 Walter Rd E end of Devil Track Lake, 21 Sep 2019, DBM
Nepytia canosaria, Cook Co, 76 Walter Rd, Devil Track Lake, 23 Sep 2017, DBM
Operophtera bruceata, **Beltrami Co**, Upper Red Lake North Shore, 20 Oct 2017, KEJ
Operophtera bruceata, **Carlton Co**, Blackhoof River WMA, 19 Oct 2017, KEJ
Operophtera bruceata, **Lake of the Woods Co**, Norris Camp, 22 Oct 2017, KEJ
Operophtera bruceata, **Kittson Co**, Lake Bronson State Park, 25 Oct 2017, KEJ
Operophtera bruceata, **Roseau Co**, Bemis Hill, 21 Oct 2017, KEJ
Orthonama evansi, Isanti Co, Sager's Swamp (1.5 mi W of Pine Brook), 19 Jun-2 Aug 2019, JS6, 2 generations, 2nd generation laid eggs, reared on willow, but quit feeding, suspect that larvae overwinter
Palaecrita merricata, **Fillmore Co**, Rushford Barrens, 8 Apr 2017, KEJ
Pero morrisonaria, Cook Co, 76 Walter Rd E end of Devil Track Lake, 14 Jul 2019, DBM
Pero morrisonaria, Cook Co, 76 Walter Rd, Devil Track Lake, 14-15 Jul 2017, DBM
Pero morrisonaria, Lake Co, Wolf Ridge Bioblitz, 17 Jul 2019, DBM
Phaeoura quernaria, Cook Co, 76 Walter Rd E end of Devil Track Lake, 24 Jul 2019, DBM
Phaeoura quernaria, Cook Co, 76 Walter Rd, Devil Track Lake, 28 Jun 2017, DBM
Plagodis alcoolaria, Cook Co, 76 Walter Rd, Devil Track Lake, 4 Jul 2017, DBM
Plagodis alcoolaria, **Pine Co**, Fox Rd, 3 mi W of Hinckley, 24 Jul 2019, DBM, also Gary Hinds
Plagodis kuetzingi, Cook Co, 76 Walter Rd, Devil Track Lake, 13-28 Jun 2017, DBM
Plagodis phlogosaria, Cook Co, 76 Walter Rd E end of Devil Track Lake, 18 Jun-2 Jul 2019, DBM
Plagodis phlogosaria, Cook Co, 76 Walter Rd, Devil Track Lake, 9-16 Jun 2017, DBM
Plagodis serinaria, Cook Co, Lund Rd, near Lutsen, 30 Jun 2017, DBM
Plemyria georgii, Cook Co, 76 Walter Rd, Devil Track Lake, 21 Jul 2017, DBM
Pleuroprucha insulsaria, Olmsted Co, Chester Woods Park, 2 Oct 2017, KEJ
Probole amicaria, Cook Co, 76 Walter Rd, Devil Track Lake, 9 Jun 2017, DBM
Prochoerodes lineola, Cook Co, 76 Walter Rd E end of Devil Track Lake, 20 Aug-9 Oct 2019, DBM
Prochoerodes lineola, Cook Co, 76 Walter Rd, Devil Track Lake, 20 Sep 2017, DBM
Prochoerodes lineola, Pine Co, Fox Rd, 3 mi W of Hinckley, 9 Oct 2019, DBM, also Gary Hinds
Rheumaptera hastata, Cook Co, Pine Mt Rd (FR 154), 21 Jun 2017, DBM
Rheumaptera hastata, Cook Co, 76 Walter Rd, Devil Track Lake, 17 Jun-5 Jul 2017, DBM
Selenia kentaria, Cook Co, 76 Walter Rd, Devil Track Lake, 26 May 2017, DBM
Sicya macularia, Cook Co, 76 Walter Rd E end of Devil Track Lake, 8 Aug 2019, DBM
Sicya macularia, Cook Co, 76 Walter Rd, Devil Track Lake, 1 Aug 2017, DBM
Spargania magnoliata, Cook Co, 76 Walter Rd, Devil Track Lake, 9 Jun 2017, DBM
Speranza brunneata, **Kittson Co**, Caribou WMA, 29 Jun 2017, KEJ
Stamnodes gibbicostata, **Olmsted Co**, Chester Woods Park, 2 Oct 2017, KEJ
Tacpatria detersata, Cook Co, 76 Walter Rd E end of Devil Track Lake, 19 Jun 2019, DBM
Tacpatria detersata, Cook Co, 76 Walter Rd, Devil Track Lake, 13-18 Jun 2017, DBM
Tetracis cachexiata, Cook Co, 76 Walter Rd E end of Devil Track Lake, 2 Jul 2019, DBM
Tetracis cachexiata, Cook Co, 76 Walter Rd, Devil Track Lake, 9-16 Jun 2017, DBM
Tetracis cachexiata, **Pine Co**, Fox Rd, 3 mi W of Hinckley, 3 Jul 2019, DBM, also Gary Hinds
Tetracis crocallata, Cook Co, 76 Walter Rd E end of Devil Track Lake, 2-25 Jul 2019, DBM
Tetracis crocallata, Lake Co, Wolf Ridge Bioblitz, 17 Jul 2019, DBM
Trichodezia albovittata, Cook Co, 76 Walter Rd E end of Devil Track Lake, 27 Jun-5 Jul 2019, DBM
Xanthotype urticaria, Cook Co, Devil Track Rd. (CR 8) roadside, 7 Jul 2017, DBM
Xanthotype urticaria, Pine Co, Fox Rd, 3 mi W of Hinckley, 3 Jul 2019, DBM, also Gary Hinds

Glyphipterigidae:

Glyphipterix haworthana, **Aitkin Co**, McGregor Peatlands, 13 May 2017, KEJ

Gracillariidae:

Caloptilia alnicolella, **Carlton Co**, Blackhoof River WMA, 19 Oct 2017, KEJ

Hepialidae:

Korscheltellus gracilis, **Koochiching Co**, North Black River Peatland, 31 Jul 2017, KEJ

Sthenopis purpurascens, Cook Co, 76 Walter Rd, Devil Track Lake, 7 Jul 2017, DBM
Sthenopis purpurascens, **Koochiching Co**, North Black River Peatland, 31 Jul 2017, KEJ

Hesperiidae:

Amblyscirtes vialis, Cook Co, CR 3 @ Plouff Creek wetlands, 17 May 2017, DBM
Amblyscirtes vialis, Cook Co, Junco Creek Rd (FR 665), 12-21 Jun 2017, DBM
Amblyscirtes vialis, Cook Co, S. Brule Rd (FR 325), 6 Jun 2017, DBM
Ancyloxypha numitor, Blue Earth Co, Sibley Park, Mankato, 30 Aug 2017, DBM
Atalopedes campestris, Blue Earth Co, Sibley Park, Mankato, 30 Aug 2017, DBM
Atalopedes campestris, Cook Co, Lima Grade Rd (FR 315), 19 Jul 2017, DBM
Atrytonopsis hianna, Houston Co, Mound Prairie, 28 May 2017, KEJ, also Kevin Taylor, abundant
Carterocephalus palaemon, Cass Co, Oak Point, 6-9 Jun 2017, ASB, in garden on Jacob's ladder and clover
Carterocephalus palaemon, Cook Co, Plouff Ck wetlands along CR 3, 11 Jul 2017, DBM, record from Dave Grossheusch
Carterocephalus palaemon, Cook Co, 76 Walter Rd, Devil Track Lake, 22-23 Jun 2017, DBM
Carterocephalus palaemon, Cook Co, Junco Creek Rd (FR 665), 12-13 Jun 2017, DBM
Carterocephalus palaemon, Cook Co, Junco Creek Rd, 7 Jul 2017, DBM
Carterocephalus palaemon, Kittson Co, Lake Bronson State Park, 4 Jun 2017, KEJ, common
Epargyreus clarus, Blue Earth Co, Sibley Park, Mankato, 30 Aug 2017, DBM
Epargyreus clarus, Cass Co, Oak Point, 21 Jun-8 Jul 2017, ASB, nectaring on oxeye daisy, dame's rocket, dogbane
Erynnis icelus, Cook Co, Junco Creek Rd (FR 665), 1-13 Jun 2017, DBM
Erynnis icelus, Cook Co, Junco Creek Rd, 14 Jun-7 Jul 2019, DBM
Erynnis icelus, Cook Co, Plouff Creek wetlands along CR 3, 8 Jul 2019, DBM, also Abbey Didler, Hannah Hill, Amy Wilfart, Chris Beal, Dave Grossheusch
Erynnis juvenalis, Cass Co, Oak Point, 12 May 2017, ASB, basking on the dried leaves
Erynnis lucilius, Houston Co, Mound Prairie, 7-28 May 2017, KEJ, also Kevin Taylor
Erynnis lucilius, Winona Co, Whitewater WMA, 8 May 2017, KEJ
Euphyes dion, Aitkin Co, Floodwood Peatlands, 27 Jul 2017, KEJ
Euphyes dion, **Itasca Co**, Bowstring Peatlands, 27 Jul 2017, KEJ
Euphyes vestris metacomet, Cook Co, Plouff Ck wetlands along CR 3, 11 Jul 2017, DBM
Euphyes vestris metacomet, Cook Co, Plouff Creek wetlands along CR 3, 24 Jul 2019, DBM, also Jim Sanders, Norma Malinowski, Abbey Didler, Peg Robertson, Dave Grossheusch, common
Euphyes vestris metacomet, Cook Co, Devil Track Rd. (CR 8) roadside, 7 Jul 2017, DBM
Euphyes vestris metacomet, Cook Co, CR 4, 1 ¼ mi N of MN 61, 10 Jul 2017, DBM
Euphyes vestris metacomet, Cook Co, Junco Creek Rd (FR 665), 8 Jul 2017, DBM
Hesperia comma, Cook Co, 76 Walter Rd, Devil Track Lake, 24 Aug 2017, DBM
Hesperia leonardus, Anoka Co, Bunker Hills Regional Park, 4 Sep 2017, TJ
Poanes hobomok, Cook Co, Plouff Ck wetlands along CR 3, 11 Jul 2017, DBM, record from Dave Grossheusch
Poanes hobomok, Cook Co, CR 4, 1 ¼ mi N of MN 61, 17 Jun-10 Jul 2017, DBM
Poanes hobomok, Cook Co, 76 Walter Rd, Devil Track Lake, 2 Jul 2017, DBM
Poanes hobomok, Cook Co, Junco Creek Rd (FR 665), 12-13 Jun 2017, DBM
Poanes hobomok, Cook Co, Junco Creek Rd, 7 Jul 2017, DBM
Polites mystic, Clay Co, Felton Prairie, 25 Jun 2017, KEJ
Polites mystic, Cook Co, Devil Track Rd. (CR 8) roadside, 7 Jul 2017, DBM
Polites mystic, Cook Co, Plouff Creek wetlands along CR 3, 8 Jul 2019, DBM, also Abbey Didler, Hannah Hill, Amy Wilfart, Chris Beal, Dave Grossheusch
Polites peckius, Cook Co, 76 Walter Rd, Devil Track Lake, 15-26 Jun 2017, DBM
Polites peckius, Cook Co, Junco Creek Rd (FR 665), 1 Jun 2017, DBM
Polites peckius, Cook Co, Lima Grade Rd, N of FR 152, 2 Aug 2019, DBM, also Bonnie MacLean
Polites peckius, Cook Co, Plouff Creek wetlands along CR 3, 8 Jul 2019, DBM, also Abbey Didler, Hannah Hill, Amy Wilfart, Chris Beal, Dave Grossheusch
Polites peckius, Cook Co, Walter Rd, E end of Devil Track Lake, 20 Jun-16 Jul 2019, DBM, also Bonnie MacLean
Polites peckius, Pine Co, Hinckley, 19 Jul 2017, DBM, record from Gary Hinds
Polites themistocles, Blue Earth Co, Hubbard House Gardens, 28 Aug 2019, DBM, also Bonnie MacLean
Polites themistocles, Cook Co, Plouff Ck wetlands along CR 3, 11 Jul 2017, DBM, record from Dave Grossheusch
Polites themistocles, Cook Co, Plouff Creek wetlands along CR 3, 8-24 Jul 2019, DBM
Polites themistocles, Cook Co, FR 304 (Old Land fill Rd), 16 Jul 2017, DBM
Polites themistocles, Cook Co, 51 Mort Meadows Rd, 6 Aug 2017, DBM
Polites themistocles, Cook Co, 76 Walter Rd, Devil Track Lake, 6-19 Jul 2017, DBM
Polites themistocles, Cook Co, Junco Creek Rd (FR 665), 8 Jul 2017, DBM
Polites themistocles, Cook Co, Junco Creek Rd, 7 Jul 2017, DBM
Polites themistocles, Cook Co, Lima Grade Rd (FR 315), 19 Jul 2017, DBM
Pyrgus centaureae, **Lake of the Woods Co**, Northwest Angle, 13 Jun 2019, KEJ, 2nd MN record and 1st since 1970s
Thymelicus lineola, Cass Co, Oak Point, 21 Jun-19 Jul 2017, ASB, dozens seen
Thymelicus lineola, Cook Co, Junco Creek Rd, 7-28 Jul 2017, DBM, also Bonnie MacLean
Thymelicus lineola, Cook Co, Devil Track Rd. (CR 8) roadside, 7 Jul-12 Aug 2017, DBM
Thymelicus lineola, Cook Co, Plouff Creek wetlands along CR 3, 8 Jul 2019, DBM, also Abbey Didler, Hannah Hill, Amy Wilfart, Chris Beal, Dave Grossheusch

Lasiocampidae:

Malacosoma disstria, Cook Co, 76 Walter Rd, Devil Track Lake, 14 Aug 2017, DBM
Malacosoma disstria, Lake Co, Wolf Ridge Bioblitz, 17 Jul 2019, DBM
Malacosoma disstria, Pine Co, Fox Rd, 3 mi W of Hinckley, 11 Jul 2019, DBM, also Gary Hinds
Phyllodesma americana, Cook Co, 76 Walter Rd E end of Devil Track Lake, 18 Jun-14 Jul 2019, DBM
Phyllodesma americana, Cook Co, 76 Walter Rd, Devil Track Lake, 17 May-4 Jul 2017, DBM
Phyllodesma americana, Lake Co, Wolf Ridge Environmental Center, 26 Jul 2017, DBM, 2017 Bio Blitz
Phyllodesma americana, Lake Co, Wolf Ridge Bioblitz, 17 Jul 2019, DBM
Phyllodesma americana, Pine Co, Fox Rd, 3 mi W of Hinckley, 17 Jun-3 Jul 2019, DBM, also Gary Hinds
Tolype laricis, Cook Co, 76 Walter Rd E end of Devil Track Lake, 17 Sep 2019, DBM
Tolype laricis, Cook Co, 76 Walter Rd, Devil Track Lake, 13-14 Sep 2017, DBM
Tolype vellea, Pine Co, Hinckley, 13 Sep 2017, DBM, record from Gary Hinds
Tolype vellea, Pine Co, Fox Rd, 3 mi W of Hinckley, 14 Jul-16 Sep 2019, DBM

Limacodidae:

Euclea delphini, Kittson Co, Caribou WMA, 27 Jun 2017, KEJ

Lycaenidae:

Callophrys augustinus, Cook Co, along trail through bog @ Golden Eagle Lodge, 11 Jun 2019, DBM
Callophrys augustinus, Cook Co, Junco Creek Rd (FR 665), 12 Jun 2017, DBM
Callophrys niphon, Cass Co, Oak Point, 12 May 2017, ASB, nectaring on blueberry
Callophrys polios, Cass Co, Oak Point, 12-26 May 2017, ASB, landing on blueberry flowers
Celastrina lucia, Cook Co, CR 57, W of Devil Trail Lake, 6 Jun 2019, DBM, also Bonnie MacLean
Celastrina lucia, Cook Co, S. Brule Rd (FR 325), 6 Jun 2017, DBM
Celastrina lucia, Cook Co, 76 Walter Rd, Devil Track Lake, 15 May-6 Jun 2017, DBM
Celastrina lucia, Cook Co, CR 3 @ Plouff Creek wetlands, 17 May 2017, DBM
Celastrina lucia, Cook Co, CR 57, 25 May 2017, DBM
Celastrina lucia, Cook Co, Junco Creek Rd (FR 665), 1-13 Jun 2017, DBM
Celastrina lucia, Cook Co, Junco Creek Rd, 14 Jun-7 Jul 2019, DBM, very common
Celastrina lucia, Cook Co, Upper Gunflint Trail (CR 12), 25 May 2017, DBM
Celastrina lucia, Cook Co, Golden Eagle Lodge off CR 66, 11 Jun 2019, DBM, also Bonnie MacLean
Celastrina lucia, Cook Co, Walter Rd, E end of Devil Track Lake, 28 May-28 Jun 2019, DBM, also Bonnie MacLean
Celastrina neglecta, Cass Co, Oak Point, 6-27 May and 7-26 Jul 2017, ASB, basking on the drive
Cupido comyntas, Cass Co, Oak Point, 29 Jun-10 Aug 2017, ASB, nectaring on clover, trefoil, black-eyed Susan
Feniseca tarquinius, Cass Co, Oak Point, 12 May 2017, ASB, basking on the sand & feeding on scat
Feniseca tarquinius, Cook Co, Plouff Creek wetlands along CR 3, 24 Jul 2019, DBM, also Jim Sanders, Norma Malinowski, Abbey Didler, Peg Robertson, Dave Grossheusch, common
Feniseca tarquinius, Kittson Co, Skull Lake WMA, 7 Aug 2017, KEJ
Feniseca tarquinius, Lake of the Woods Co, Northwest Angle, Angle Inlet, 1 Jun 2017, KEJ
Glaucopsyche lygdamus, Cass Co, Oak Point, 14-26 May 2017, ASB
Glaucopsyche lygdamus, Winona Co, Whitewater WMA, 8 May 2017, KEJ
Icaricia saepiolus, Cook Co, FR 304 (Old Land fill Rd), 16 Jul 2017, DBM
Icaricia saepiolus, Cook Co, Devil Track Rd. (CR 8) roadside, 8-9 Jul 2017, DBM
Icaricia saepiolus, Cook Co, 76 Walter Rd, Devil Track Lake, 2 Jul 2017, DBM
Icaricia saepiolus, Cook Co, Junco Creek Rd (FR 665), 8 Jul 2017, DBM
Icaricia saepiolus, Cook Co, Junco Creek Rd, 7 Jul 2017, DBM
Icaricia saepiolus, Cook Co, Lima Grade Rd (FR 315), 19 Jul 2017, DBM
Icaricia saepiolus, Koochiching Co, Gates Corner, 29 Jun 2019, KEJ, locally common, not found in NW MN in recent decades
Icaricia saepiolus, Lake of the Woods Co, Rapid River Road Bog, 9 Jul 2019, SCB
Lycaena dorcas, Itasca Co, Bowstring Peatlands, 27 Jul 2017, KEJ
Lycaena dorcas, Lake of the Woods Co, Northwest Angle, Sevenmile Swamp, 30 Jul 2017, KEJ
Lycaena epixanthe, Aitkin Co, Floodwood Peatlands, 27 Jul 2017, KEJ
Lycaena epixanthe, Lake of the Woods Co, Northwest Angle, Sevenmile Swamp, 30 Jul 2017, KEJ
Lycaena helloides, Anoka Co, Bunker Hills Regional Park, 4 Sep 2017, TJ
Lycaena helloides, Polk Co, Mentor Prairie, 25 Jun 2017, KEJ
Lycaena hyllus, Beltrami Co, Nary Rd, swamp area, 24 Jul 2017, ASB, old female
Lycaena hyllus, Cass Co, Oak Point, 21-23 Jul 2017, ASB
Lycaena hyllus, Polk Co, Mentor Prairie, 25 Jun 2017, KEJ
Plebejus idas nabokovi, Cook Co, Plouff Ck wetlands along CR 3, 11 Jul 2017, DBM, record from Dave Grossheusch
Plebejus idas nabokovi, Cook Co, Plouff Creek wetlands along CR 3, 8-24 Jul 2019, DBM, USFS Northern Blue Restoration project, 249 individuals from 3 dates
Plebejus idas nabokovi, Cook Co, Junco Creek Rd (FR 665), 8 Jul 2017, DBM
Plebejus idas nabokovi, Cook Co, Junco Creek Rd, 7 Jul 2017, DBM
Satyrium acadica, Anoka Co, Carlos Avery WMA, 4 Jul 2017, TJ
Satyrium acadica, Cass Co, Oak Point, 11 Jul 2017, ASB, basking on the drive
Satyrium liparops, Cook Co, Plouff Creek wetlands along CR 3, 24 Jul 2019, DBM, also Jim Sanders, Norma Malinowski, Abbey Didler, Peg Robertson, Dave Grossheusch, common

Momphidae:

Mompha eloisella, **Lake of the Woods Co**, Norris Camp, 4 Jul 2019, KEJ

Noctuidae:

Abagrotis alternata, **Pine Co**, Hinckley, 8 Apr 2017, DBM, record from Gary Hinds
Acronicta americana, Cook Co, 76 Walter Rd E end of Devil Track Lake, 14 Jul 2019, DBM
Acronicta dactylina, Cook Co, 76 Walter Rd E end of Devil Track Lake, 6 Jul 2019, DBM
Acronicta dactylina, Cook Co, 76 Walter Rd, Devil Track Lake, 28 Jun-21 Jul 2017, DBM
Acronicta falcula, **Winona Co**, Whitewater WMA, 8 May 2017, KEJ
Acronicta fragilis, Cook Co, 76 Walter Rd, Devil Track Lake, 16 Jun-8 Aug 2017, DBM
Acronicta grisea, Cook Co, 76 Walter Rd E end of Devil Track Lake, 23 Jun-14 Jul 2019, DBM
Acronicta grisea, Cook Co, 76 Walter Rd, Devil Track Lake, 9 Jun-15 Jul 2017, DBM
Acronicta hasta, Cook Co, 76 Walter Rd, Devil Track Lake, 18 Jun-1 Aug 2017, DBM
Acronicta impressa, Cook Co, 76 Walter Rd E end of Devil Track Lake, 6 Jul 2019, DBM
Acronicta impressa, Cook Co, 76 Walter Rd, Devil Track Lake, 9 Jun 2017, DBM
Acronicta increta, Kittson Co, Caribou WMA, 27 Jun 2017, KEJ
Acronicta innotata, Cook Co, 76 Walter Rd E end of Devil Track Lake, 23 Jun-31 Jul 2019, DBM
Acronicta innotata, Cook Co, 76 Walter Rd, Devil Track Lake, 12 Jun-12 Aug 2017, DBM
Acronicta innotata, Lake Co, Wolf Ridge Bioblitz, 17 Jul 2019, DBM
Acronicta innotata, **Pine Co**, Fox Rd, 3 mi W of Hinckley, 26 Jun 2019, DBM, also Gary Hinds
Acronicta interrupta, Cook Co, 76 Walter Rd, Devil Track Lake, 1 Aug 2017, DBM
Acronicta interrupta, **Kittson Co**, Norway Dunes, 7 Aug 2017, KEJ
Acronicta interrupta, **Lake Co**, Wolf Ridge Environmental Center, 26 Jul 2017, DBM, 2017 Bio Blitz
Acronicta noctivaga, Cook Co, 76 Walter Rd, Devil Track Lake, 13-16 Jun 2017, DBM
Acronicta noctivaga, **Pine Co**, Fox Rd, 3 mi W of Hinckley, 17 Jun-24 Jul 2019, DBM, also Gary Hinds
Acronicta superans, Cook Co, 76 Walter Rd E end of Devil Track Lake, 23 Jun 2019, DBM
Acronicta superans, Cook Co, 76 Walter Rd, Devil Track Lake, 21 Jul 2017, DBM
Actebia fennica, Isanti Co, 2.5 mi W of Pine Brook, 9 Aug 2019, JS6
Actebia fennica, **Lake of the Woods Co**, Norris Camp, 31 Aug 2019, KEJ
Agrotis ipsilon, Cook Co, 76 Walter Rd E end of Devil Track Lake, 21 Sep 2019, DBM
Agrotis ipsilon, Cook Co, 76 Walter Rd, Devil Track Lake, 12 May 2017, DBM
Agrotis ipsilon, Kittson Co, Lake Bronson State Park, 25 Oct 2017, KEJ
Agrotis ipsilon, Pine Co, Fox Rd, 3 mi W of Hinckley, 16 Sep 2019, DBM, also Gary Hinds
Amphipyra pyramidoides, **Pine Co**, Hinckley, 23 Aug-13 Sep 2017, DBM, record from Gary Hinds
Amphipyra pyramidoides, Pine Co, Fox Rd, 3 mi W of Hinckley, 6 Sep 2019, DBM, also Gary Hinds
Anaplectoides prasina, Cook Co, 76 Walter Rd, Devil Track Lake, 24 Jul-12 Aug 2017, DBM
Anaplectoides pressus, Cook Co, 76 Walter Rd, Devil Track Lake, 28 Jun 2017, DBM
Andropolia contacta, Cook Co, 76 Walter Rd E end of Devil Track Lake, 20 Aug 2019, DBM
Andropolia contacta, Cook Co, 76 Walter Rd, Devil Track Lake, 12 Aug 2017, DBM
Anicla tenuescens, **Sherburne Co**, Sherburne NWR/Mahnomen Trail, 12 Sep 2017, JS6
Apamea cogitata, **Cook Co**, 76 Walter Rd E end of Devil Track Lake, 20 Aug-17 Sep 2019, DBM, one collected in 1991 but not reported
Apamea commoda, **Lake of the Woods Co**, Norris Camp, 27 Jun-7 Jul 2019, KEJ, also SCB, RT
Apamea lutosa, **Lake of the Woods Co**, Norris Camp, 7 Jul 2019, KEJ
Apamea nigrrior, **Kittson Co**, Caribou WMA, 28 Jun 2017, KEJ
Apamea sordens, Cook Co, 76 Walter Rd E end of Devil Track Lake, 17 Sep 2019, DBM
Apamea sordens, Cook Co, 76 Walter Rd, Devil Track Lake, 28 Jun 2017, DBM
Apamea sordens, **Kittson Co**, Caribou WMA, 27-28 Jun 2017, KEJ
Apamea verbascoides, **Kittson Co**, Caribou WMA, 28 Jun 2017, KEJ
Aplectoides condita, Cook Co, 76 Walter Rd, Devil Track Lake, 16 Jun 2017, DBM
Autographa californica, **Kittson Co**, Halma, 8 Aug 2017, KEJ
Autographa flagellum, **Kittson Co**, Caribou WMA, 27-28 Jun 2017, KEJ
Bagisara rectifascia, Sherburne Co, Sherburne NWR/Mahnomen Trail, 20 Jul 2017, JS6
Brachionycha borealis, **Clearwater Co**, Blue Lake, 23 Apr 2019, KEJ
Brachionycha borealis, **Koochiching Co**, Old Pine Island Ranger Station, 10 May 2019, KEJ
Callopietria mollissima, Lake Co, Wolf Ridge Bioblitz, 17 Jul 2019, DBM
Calophasia lunula, Isanti Co, Sager's Swamp (1.5 mi W of Pine Brook), 5 Jun 2018, JS6
Capis curvata, **Cook Co**, 76 Walter Rd, Devil Track Lake, 10 Jul 2017, DBM
Caradrina montana, **Lake of the Woods Co**, Norris Camp, 31 Aug 2019, KEJ
Cerastis fishii, Cook Co, 76 Walter Rd, Devil Track Lake, 28 May 2017, DBM
Cerastis salicarum, Cook Co, 76 Walter Rd, Devil Track Lake, 14-28 May 2017, DBM
Charadra deridens, Cook Co, 76 Walter Rd E end of Devil Track Lake, 23 Jun-14 Jul 2019, DBM
Charadra deridens, Cook Co, 76 Walter Rd, Devil Track Lake, 13 Jun-1 Aug 2017, DBM
Charadra deridens, Pine Co, Fox Rd, 3 mi W of Hinckley, 26 Jun 2019, DBM, also Gary Hinds
Chrysanympa formosa, **Aitkin Co**, Floodwood Peatlands, 26 Jul 2017, KEJ
Chrysanympa formosa, **Lake of the Woods Co**, Northwest Angle, Caribou Ridge, 29 Jul 2017, KEJ, new for NW MN
Chrysanympa formosa, Lake of the Woods Co, Norris Camp, 7 Jul 2019, SCB, also KEJ, RT
Chrysodeixis includens, **Olmsted Co**, Chester Woods Park, 2 Oct 2017, KEJ

Chytonix palliatricula, Cook Co, 76 Walter Rd E end of Devil Track Lake, 14 Jul 2019, DBM
Chytonix palliatricula, Cook Co, 76 Walter Rd, Devil Track Lake, 21 Jul 2017, DBM
Coanarta luteola, **Aitkin Co**, Floodwood Peatlands, 13 May 2017, KEJ
Coanarta luteola, Lake of the Woods Co, Northwest Angle, Sevenmile Swamp, 1 Jun 2017, KEJ
Colocasia flavicornis, Cook Co, 76 Walter Rd E end of Devil Track Lake, 2-6 Jul 2019, DBM
Colocasia flavicornis, Cook Co, 76 Walter Rd, Devil Track Lake, 26 May-18 Jun 2017, DBM
Conservula anodonta, Cook Co, 76 Walter Rd E end of Devil Track Lake, 8 Aug 2019, DBM
Copivaleria grotei, Cook Co, 76 Walter Rd, Devil Track Lake, 13 May 2017, DBM
Crocigrapta normani, Cook Co, 76 Walter Rd, Devil Track Lake, 17-28 May 2017, DBM
Cucullia convexipennis, Kittson Co, Lake Bronson State Park, 7 Aug 2017, KEJ
Cucullia intermedia, Cook Co, 76 Walter Rd, Devil Track Lake, 7 Jun 2017, DBM
Diachrysis balluca, Olmsted Co, Chester Woods Park, 2 Oct 2017, KEJ
Egira dolosa, Cook Co, 76 Walter Rd, Devil Track Lake, 14 May-7 Jun 2017, DBM
Enargia decolor, Cook Co, 76 Walter Rd E end of Devil Track Lake, 9 Oct 2019, DBM
Epiglaea decliva, **Olmsted Co**, Chester Woods Park, 2 Oct 2017, KEJ
Eremobina claudens, Cook Co, 76 Walter Rd, Devil Track Lake, 14 Sep 2017, DBM
Eremobina leucoscelis, Isanti Co, Sager's Swamp (1.5 mi W of Pine Brook), 31 Jul 2019, JS6
Eucoptocnemis fimbriaris, **Sherburne Co**, Sherburne NWR/Mahnomen Trail, 12 Sep 2017, JS6
Eudryas unio, **Lake of the Woods Co**, Norris Camp, 4 Jul 2019, KEJ
Eueretagrotis attentus, Cook Co, 76 Walter Rd, Devil Track Lake, 28 Jun-24 Jul 2017, DBM
Eueretagrotis perattentus, Cook Co, 76 Walter Rd E end of Devil Track Lake, 14 Jul 2019, DBM
Eueretagrotis perattentus, Cook Co, 76 Walter Rd, Devil Track Lake, 15 Jul-20 Aug 2017, DBM
Eupsilia devia, **Kittson Co**, Lake Bronson State Park, 25 Oct 2017, KEJ
Eupsilia morrisonii, **Kittson Co**, Lake Bronson State Park, 25 Oct 2017, KEJ
Eupsilia schweitzeri, Houston Co, Mound Prairie, 8 Apr 2017, KEJ
Eupsilia schweitzeri, **Olmsted Co**, Partridge Creek, 7 Apr 2017, KEJ
Eupsilia tristigmata, Cook Co, 76 Walter Rd, Devil Track Lake, 14 Aug 2017, DBM
Eupsilia tristigmata, **Kittson Co**, Lake Bronson State Park, 25 Oct 2017, KEJ
Eurois stricta, Cook Co, 76 Walter Rd E end of Devil Track Lake, 8 Aug 2019, DBM
Eurois stricta, Cook Co, 76 Walter Rd, Devil Track Lake, 14 Aug 2017, DBM
Eurois occulta, Cook Co, 76 Walter Rd, Devil Track Lake, 12 Aug-14 Sep 2017, DBM
Euxoa comosa altera, Cook Co, 76 Walter Rd, Devil Track Lake, 21 Jul 2017, DBM
Feltia manifesta, **Wabasha Co**, Weaver Dunes, 8 May 2017, KEJ, **State record**
Feltia manifesta, **Winona Co**, Whitewater WMA, 8 May 2017, KEJ
Feralia comstocki, Cook Co, 76 Walter Rd, Devil Track Lake, 17-28 May 2017, DBM
Feralia major, **Roseau Co**, Palsburg Pine Plains, 8 May 2019, KEJ, new for NW MN
Gluphisia septentrionis, Pine Co, Fox Rd, 3 mi W of Hinckley, 26 Jun-7 Aug 2019, DBM, also Gary Hinds
Graphiphora augur, Cook Co, 76 Walter Rd, Devil Track Lake, 24 Jul 2017, DBM
Graphiphora augur, Kittson Co, Lake Bronson State Park, 7 Aug 2017, KEJ
Harrisimemna trisignata, Cook Co, 76 Walter Rd E end of Devil Track Lake, 14 Jul 2019, DBM
Harrisimemna trisignata, Cook Co, 76 Walter Rd, Devil Track Lake, 16 Jun 2017, DBM
Harrisimemna trisignata, **Pine Co**, Fox Rd, 3 mi W of Hinckley, 11 Jul 2019, DBM, also Gary Hinds
Helicoverpa zea, Cook Co, 76 Walter Rd E end of Devil Track Lake, 23 Sep-9 Oct 2019, DBM
Heliocheilus paradoxus, **Isanti Co**, 2.5 mi W of Pine Brook, 23 Sep 2017, JS6
Hillia iris, Cook Co, 76 Walter Rd E end of Devil Track Lake, 21 Sep 2019, DBM
Hillia iris, Cook Co, 76 Walter Rd, Devil Track Lake, 13 Sep 2017, DBM
Homoglaea hircina, Cook Co, 76 Walter Rd, Devil Track Lake, 8 Apr-17 May 2017, DBM
Homophoberia apicosa, **Olmsted Co**, Chester Woods Park, 2 Oct 2017, KEJ
Homophoberia apicosa, Pine Co, Fox Rd, 3 mi W of Hinckley, 6 Sep 2019, DBM, also Gary Hinds
Hyppa xylinoides, Cook Co, 76 Walter Rd, Devil Track Lake, 7 Jun-24 Jul 2017, DBM
Ipimorpha pleonectusa, Kittson Co, Halma, 8 Aug 2017, KEJ
Lacanobia grandis, Cook Co, 76 Walter Rd, Devil Track Lake, 12 Jun 2017, DBM
Lacanobia grandis, Kittson Co, Caribou WMA, 27 Jun 2017, KEJ
Lacanobia radix, **Kittson Co**, Caribou WMA, 27 Jun 2017, KEJ
Lacinipolia implicata, **Houston Co**, Mound Prairie, 7 Sep 2017, KEJ
Lacinipolia olivacea, Cook Co, 76 Walter Rd E end of Devil Track Lake, 20 Aug 2019, DBM
Lacinipolia olivacea, Cook Co, 76 Walter Rd, Devil Track Lake 9 Jun-1 Aug 2017, DBM
Lacinipolia renigera, Cook Co, 76 Walter Rd, Devil Track Lake, 10 Jul-20 Aug 2017, DBM
Lacinipolia sareta, Kittson Co, Halma, 8 Aug 2017, KEJ
Lemmeria digitalis, **Pine Co**, Hinckley, 1 Oct 2017, DBM, record from Gary Hinds
Leucania adjuta, **Olmsted Co**, Chester Woods Park, 2 Oct 2017, KEJ
Leucania multilinea, Cook Co, 76 Walter Rd, Devil Track Lake, 13 Sep 2017, DBM
Leucania phragmitidicola, Cook Co, 76 Walter Rd, Devil Track Lake, 12 Jun-20 Aug 2017, DBM
Litholomia napaea, Cook Co, 76 Walter Rd E end of Devil Track Lake, 9 Oct 2019, DBM
Litholomia napaea, Cook Co, 76 Walter Rd, Devil Track Lake, 17 May 2017, DBM
Litholomia napaea, Lake of the Woods Co, Norris Camp, 22 Oct 2017, KEJ

Lithophane baileyi, Beltrami Co, Upper Red Lake North Shore, 20 Oct 2017, KEJ
Lithophane baileyi, **Cook Co**, 76 Walter Rd E end of Devil Track Lake, 24 Sep 2019, DBM
Lithophane bethunei, **Beltrami Co**, Upper Red Lake North Shore, 20 Oct 2017, KEJ
Lithophane disposita, Beltrami Co, Red Lake Peatland, 20 Oct 2017, KEJ
Lithophane fagina, Cook Co, 76 Walter Rd E end of Devil Track Lake, 10 Oct 2019, DBM
Lithophane franclemonti, **Fillmore Co**, Rushford Barrens, 8 Apr 2017, KEJ
Lithophane franclemonti, Houston Co, Mound Prairie, 8 Apr 2017, KEJ
Lithophane georgii, Lake of the Woods Co, Norris Camp, 12 May 2019, KEJ
Lithophane innominata, Cook Co, 76 Walter Rd, Devil Track Lake, 23 May 2017, DBM
Lithophane lanei, Beltrami Co, Red Lake Peatland, 20 Oct 2017, KEJ
Lithophane lanei, **Olmsted Co**, Partridge Creek, 7 Apr 2017, KEJ
Lithophane laticinerea, **Olmsted Co**, Chester Woods Park, 2 Oct 2017, KEJ
Lithophane oriunda, **Houston Co**, Mound Prairie, 8 Apr 2017, KEJ
Lithophane petulca, Cook Co, 76 Walter Rd E end of Devil Track Lake, 16 Sep 2019, DBM
Lithophane pexata, **Carlton Co**, Blackhoof River WMA, 19 Oct 2017, KEJ
Lithophane pexata, Cook Co, 76 Walter Rd E end of Devil Track Lake, 10 Oct 2019, DBM
Lithophane pexata, Cook Co, 76 Walter Rd, Devil Track Lake, 23 May 2017, DBM
Lithophane scottae, Houston Co, Mound Prairie, 8 Apr 2017, KEJ
Lithophane scottae, **Olmsted Co**, Partridge Creek, 7 Apr 2017, KEJ
Lithophane semiusta, **Beltrami Co**, Upper Red Lake North Shore, 20 Oct 2017, KEJ
Lithophane semiusta, **Olmsted Co**, Partridge Creek, 7 Apr 2017, KEJ
Lithophane tepida, Cook Co, 76 Walter Rd E end of Devil Track Lake, 9 Oct 2019, DBM
Lithophane thaxteri, Beltrami Co, Red Lake Peatland, 20 Oct 2017, KEJ
Magusa divaricata, **Isanti Co**, Sager's Swamp (1.5 mi W of Pine Brook), 15 Sep 2017, JS6
Magusa divaricata, **Olmsted Co**, Chester Woods Park, 2 Oct 2017, KEJ
Melanchnra adjuncta, Cook Co, 76 Walter Rd, Devil Track Lake, 16-28 Jun 2017, DBM
Melanchnra assimilis, Cook Co, 76 Walter Rd, Devil Track Lake, 10 Jul 2017, DBM
Melanchnra pulverulenta, **Kittson Co**, Caribou WMA, 27 Jun 2017, KEJ
Meropleon diversicolor, **Pine Co**, Fox Rd, 3 mi W of Hinckley, 16 Sep 2019, DBM, also Gary Hinds, confirmed by Brian Scholtens
Mesapamea fractilinea, Kittson Co, Norway Dunes, 7 Aug 2017, KEJ
Metaxaglaea inulata, **Carlton Co**, Blackhoof River WMA, 19 Oct 2017, KEJ
Mniotype ducta, **Koochiching Co**, Porter Ridge Bog, 29 Jul 2019, KEJ, 2nd MN record
Mythimna unipuncta, Cook Co, 76 Walter Rd E end of Devil Track Lake, 23 Jun 2019, DBM
Mythimna unipuncta, Cook Co, 76 Walter Rd, Devil Track Lake, 23 May-1 Jun 2017, DBM
Mythimna unipuncta, Kittson Co, Lake Bronson State Park, 7 Aug-25 Oct 2017, KEJ
Nephelodes minians, Cook Co, 76 Walter Rd, Devil Track Lake, 20 Aug-13 Sep 2017, DBM
Nephelodes minians, Pine Co, Fox Rd, 3 mi W of Hinckley, 16 Sep 2019, DBM, also Gary Hinds
Noctua pronuba, Cook Co, 76 Walter Rd, Devil Track Lake, 12 Aug 2017, DBM
Ogdoconta cinereola, **Olmsted Co**, Chester Woods Park, 2 Oct 2017, KEJ
Oligia modica, **Kittson Co**, Halma, 8 Aug 2017, KEJ
Orthodes cynica, Cook Co, 76 Walter Rd, Devil Track Lake, 16-18 Jun 2017, DBM
Orthodes detracta, Cook Co, 76 Walter Rd, Devil Track Lake, 12 Jun 2017, DBM
Orthodes majuscula, Cook Co, 76 Walter Rd, Devil Track Lake, 20 Aug 2017, DBM
Orthosia hibisci, Cook Co, 76 Walter Rd, Devil Track Lake, 12 May-13 Jun 2017, DBM
Orthosia revicta, Cook Co, 76 Walter Rd, Devil Track Lake, 12 May-9 Jun 2017, DBM
Pachypolia atricornis, Cook Co, 76 Walter Rd E end of Devil Track Lake, 17-24 Sep 2019, DBM
Pachypolia atricornis, Cook Co, 76 Walter Rd, Devil Track Lake, 14 Sep 2017, DBM
Panthea acronyctoides, Cook Co, 76 Walter Rd, Devil Track Lake, 18 Jun 2017, DBM
Panthea furcilla, Cook Co, 76 Walter Rd, Devil Track Lake, 17 May 2017, DBM
Papaipema aweme, Beltrami Co, Red Lake Peatland, Western Water Track, 2 Jul 2019, KEJ, larvae abundant in stems of buckbean, larval surveys here suggest this is the largest population currently known
Papaipema aweme, **Koochiching Co**, Lost River Peatland, 26 Jun 2019, KEJ, also Robyn Nielsen, larvae found in buckbean stems in patterned fen
Papaipema aweme, Lake of the Woods Co, Norris Camp, 12 Aug 2017, KEJ, leg. Steve Bransky
Papaipema aweme, Lake of the Woods Co, Mulligan Lake Peatland, 8 Jul 2017, KEJ, also SCB, RT, new population, larvae abundant/widespread in buckbean in patterned fen
Papaipema circumlucens, **Kittson Co**, Lake Bronson State Park, 7 Aug 2017, KEJ
Papaipema impecuniosa, **Olmsted Co**, Chester Woods Park, 2 Oct 2017, KEJ
Papaipema inquaesita, Cook Co, 76 Walter Rd E end of Devil Track Lake, 9 Oct 2019, DBM
Papaipema inquaesita, **Pine Co**, Fox Rd, 3 mi W of Hinckley, 16 Sep 2019, DBM, also Gary Hinds
Papaipema marginidens, **Houston Co**, Mound Prairie, 7 Sep 2017, KEJ, **State record**
Papaipema maritima, **Carlton Co**, Blackhoof River WMA, 19 Oct 2017, KEJ
Papaipema maritima, **Olmsted Co**, Chester Woods Park, 2 Oct 2017, KEJ
Papaipema pterisii, Cook Co, 76 Walter Rd E end of Devil Track Lake, 17 Sep-9 Oct 2019, DBM
Papaipema pterisii, Cook Co, 76 Walter Rd, Devil Track Lake, 14-22 Sep 2017, DBM
Papaipema pterisii, Pine Co, Fox Rd, 3 mi W of Hinckley, 6 Sep 2019, DBM, also Gary Hinds

Papaipema rigida, **Olmsted Co**, Chester Woods Park, 2 Oct 2017, KEJ
Papaipema unimoda, Cook Co, 76 Walter Rd E end of Devil Track Lake, 24 Sep 2019, DBM
Papaipema unimoda, **Cook Co**, 76 Walter Rd, Devil Track Lake, 14 Sep 2017, DBM
Paradiarsia littoralis, Cook Co, 76 Walter Rd, Devil Track Lake, 14 Aug 2017, DBM
Peridroma saucia, Kittson Co, Lake Bronson State Park, 25 Oct 2017, KEJ
Phlogophora iris, Cook Co, 76 Walter Rd E end of Devil Track Lake, 6-14 Jul 2019, DBM
Phlogophora iris, Cook Co, 76 Walter Rd, Devil Track Lake, 16 Jun-10 Jul 2017, DBM
Phlogophora periculosa, Cook Co, 76 Walter Rd E end of Devil Track Lake, 1-20 Aug 2019, DBM
Phlogophora periculosa, Lake Co, Wolf Ridge Bioblitz, 17 Jul 2019, DBM
Platypolia anceps, Cook Co, 76 Walter Rd E end of Devil Track Lake, 24 Sep 2019, DBM, genitalia dissected
Platypolia anceps, **Cook Co**, 76 Walter Rd, Devil Track Lake, 21 Jul-14 Sep 2017, DBM
Plusia magnimacula, Kittson Co, Caribou WMA, 27-28 Jun 2017, KEJ
Plusia putnami, Kittson Co, Caribou WMA, 27 Jun 2017, KEJ
Polia imbrifera, Cook Co, 76 Walter Rd, Devil Track Lake, 4 Jul 2017, DBM
Polia nimbosea, Cook Co, 76 Walter Rd, Devil Track Lake, 10-24 Jul 2017, DBM
Polia purpurissata, Cook Co, 76 Walter Rd, Devil Track Lake, 21 Jul 2017, DBM
Protodeltote albidula, Cook Co, 76 Walter Rd, Devil Track Lake, 10 Jul 2017, DBM
Protorthodes oviduca, Cook Co, 76 Walter Rd, Devil Track Lake, 12-28 Jun 2017, DBM
Proxenus mendosa, Lake of the Woods Co, Norris Camp, 31 Aug 2019, KEJ, 2nd MN record
Pseudeustrotia carneola, **Pine Co**, Hinckley, 12 Sep 2017, DBM, record from Gary Hinds
Pseudohermonassa bicarnea, Kittson Co, Lake Bronson State Park, 7 Aug 2017, KEJ
Pyreferra citrombra, **Beltrami Co**, Upper Red Lake North Shore, 20 Oct 2017, KEJ
Pyreferra pettiti, **Olmsted Co**, Partridge Creek, 7 Apr 2017, KEJ
Pyrrhia exprimens, Cook Co, 76 Walter Rd, Devil Track Lake, 16 Jun 2017, DBM
Raphia frater, Cook Co, 76 Walter Rd E end of Devil Track Lake, 23 Jun-24 Jul 2019, DBM
Raphia frater, Cook Co, 76 Walter Rd, Devil Track Lake, 16 Jun-15 Jul 2017, DBM
Raphia frater, Lake Co, Wolf Ridge Bioblitz, 17 Jul 2019, DBM
Raphia frater, Pine Co, Fox Rd, 3 mi W of Hinckley, 17 Jun-11 Jul 2019, DBM, also Gary Hinds
Resapamea stipata, Kittson Co, Lake Bronson State Park, 7 Aug 2017, KEJ
Resapamea stipata, **Lake of the Woods Co**, Norris Camp, 31 Aug 2019, KEJ
Schinia florida, **Koochiching Co**, North Black River Peatland, 31 Jul 2017, KEJ
Schinia septentrionalis, **Houston Co**, Mound Prairie, 7 Sep 2017, KEJ
Spodoptera eridania, **Olmsted Co**, Chester Woods Park, 2 Oct 2017, KEJ
Sunira bicolorago, Cook Co, 76 Walter Rd E end of Devil Track Lake, 10-19 Oct 2019, DBM
Sunira bicolorago, Kittson Co, Lake Bronson State Park, 25 Oct 2017, KEJ
Sunira bicolorago, Pine Co, Fox Rd, 3 mi W of Hinckley, 16 Sep 2019, DBM, also Gary Hinds
Sutyna privata, Cook Co, 76 Walter Rd, Devil Track Lake, 14 Sep 2017, DBM
Sympistis dinalda, **Beltrami Co**, Red Lake Peatland, Western Water Track, 2 Jul 2019, KEJ
Sympistis dinalda, **Koochiching Co**, Franz-Jevne State Park, 31 Jul 2017, KEJ
Syngrapha octoscripta, Cook Co, 76 Walter Rd, Devil Track Lake, 21 Jul 2017, DBM
Syngrapha rectangula, Cook Co, 76 Walter Rd E end of Devil Track Lake, 3 Aug 2019, DBM
Syngrapha rectangula, Cook Co, 76 Walter Rd, Devil Track Lake, 24 Jul-14 Aug 2017, DBM
Tricholita notata, **Kittson Co**, Norway Dunes, 7 Aug 2017, KEJ
Trichoplusia ni, Cook Co, 76 Walter Rd E end of Devil Track Lake, 4 Aug 2019, DBM
Trichordestra legitima, Cook Co, 76 Walter Rd, Devil Track Lake, 21 Jul 2017, DBM
Trichordestra lilacina, Kittson Co, Norway Dunes, 7 Aug 2017, KEJ
Ufeus satyricus, Cook Co, 76 Walter Rd, Devil Track Lake, 21 Sep 2017, DBM
Ulolonche culea, **Fillmore Co**, Rushford Barrens, 7 May 2017, KEJ
Xanthia tatago, Beltrami Co, Upper Red Lake North Shore, 20 Oct 2017, KEJ
Xanthia tatago, **Carlton Co**, Blackhoof River WMA, 19 Oct 2017, KEJ
Xestia c-nigrum, Cook Co, 76 Walter Rd, Devil Track Lake, 28 Jun-12 Aug 2017, DBM
Xestia imperita, **Koochiching Co**, North Black River Peatland, 31 Jul 2017, KEJ, **State record**
Xestia mixta, Koochiching Co, North Black River Peatland, 31 Jul 2017, KEJ
Xestia mixta, Lake of the Woods Co, Northwest Angle, Sevenmile Swamp, 30 Jul 2017, KEJ
Xestia normanianus, Cook Co, 76 Walter Rd, Devil Track Lake, 12 Sep 2017, DBM
Xestia oblata, **Koochiching Co**, Porter Ridge Bog, 29 Jul 2019, KEJ
Xestia oblata, **Lake of the Woods Co**, Norris Camp, 7 Jul 2019, SCB
Xylena cineritia, **Roseau Co**, Bemis Hill, 21 Oct 2017, KEJ
Xylena thoracica, Lake of the Woods Co, Northwest Angle, Big Caribou Bog, 1 Jun 2017, KEJ

Nolidae:

Baileya ophthalmica, Cook Co, 76 Walter Rd, Devil Track Lake, 28 Jun 2017, DBM
Garella nilotica, **Lake of the Woods Co**, Norris Camp, 31 Aug 2019, KEJ
Meganola minuscula, Kittson Co, Lake Bronson State Park, 7 Aug 2017, KEJ
Meganola spodia, **Kittson Co**, Caribou WMA, 27 Jun 2017, KEJ

Notodontidae:

Clostera albostigma, Cook Co, 76 Walter Rd, Devil Track Lake, 28 May-14 Aug 2017, DBM

Clostera apicalis, Cook Co, 76 Walter Rd E end of Devil Track Lake, 18 Jun 2019, DBM
Datana ministra, Cook Co, 76 Walter Rd E end of Devil Track Lake, 2 Jul 2019, DBM
Datana ministra, Cook Co, 76 Walter Rd, Devil Track Lake, 21 Jun-4 Jul 2017, DBM
Furcula borealis, Cook Co, 76 Walter Rd, Devil Track Lake, 9 Jun 2017, DBM
Furcula modesta, Cook Co, 76 Walter Rd, Devil Track Lake, 1 Aug 2017, DBM
Furcula modesta, **Pine Co**, Fox Rd, 3 mi W of Hinckley, 7 Aug 2019, DBM, also Gary Hinds
Gluphisia lintneri, Cook Co, 76 Walter Rd, Devil Track Lake, 17 May 2017, DBM
Gluphisia septentrionis, Cook Co, 76 Walter Rd, Devil Track Lake, 7 Jun 2017, DBM
Heterocampa biundata, Cook Co, 76 Walter Rd, Devil Track Lake, 4 Jul 2017, DBM
Heterocampa guttivitta, Pine Co, Fox Rd, 3 mi W of Hinckley, 17 Jun-8 Aug 2019, DBM, also Gary Hinds
Heterocampa umbrata, Cook Co, 76 Walter Rd E end of Devil Track Lake, 6-14 Jul 2019, DBM
Heterocampa umbrata, Cook Co, 76 Walter Rd, Devil Track Lake, 18 Jun-21 Jul 2017, DBM
Heterocampa umbrata, **Lake Co**, Wolf Ridge Environmental Center, 26 Jul 2017, DBM, 2017 Bio Blitz
Hyperaeschra georgica, Kittson Co, Caribou WMA, 27 Jun 2017, KEJ
Nadata gibbosa, Cook Co, 76 Walter Rd E end of Devil Track Lake, 23 Jun-14 Jul 2019, DBM
Nadata gibbosa, Cook Co, 76 Walter Rd, Devil Track Lake, 18 Jun-21 Jul 2017, DBM
Nadata gibbosa, Lake Co, Wolf Ridge Environmental Center, 26 Jul 2017, DBM, 2017 Bio Blitz
Notodonta scitipennis, Cook Co, 76 Walter Rd E end of Devil Track Lake, 6 Jul 2019, DBM
Notodonta torva, Cook Co, 76 Walter Rd, Devil Track Lake, 18 Jun 2017, DBM
Odontosis elegans, Cook Co, 76 Walter Rd, Devil Track Lake, 18 Jun 2017, DBM
Odontosis elegans, **Pine Co**, Fox Rd, 3 mi W of Hinckley, 3 Jul 2019, DBM, also Gary Hinds
Oligocentria lignicolor, **Kittson Co**, Lake Bronson State Park, 7 Aug 2017, KEJ
Oligocentria semirufescens, Cook Co, 76 Walter Rd, Devil Track Lake, 13 Jun-1 Aug 2017, DBM
Peridea basitriens, **Lake Co**, Wolf Ridge Environmental Center, 26 Jul 2017, DBM, 2017 Bio Blitz
Peridea ferruginea, Cook Co, 76 Walter Rd E end of Devil Track Lake, 2 Jul 2019, DBM
Peridea ferruginea, Cook Co, 76 Walter Rd, Devil Track Lake, 21 Jun-24 Jul 2017, DBM
Peridea ferruginea, Lake Co, Wolf Ridge Environmental Center, 26 Jul 2017, DBM, 2017 Bio Blitz
Peridea ferruginea, **Pine Co**, Fox Rd, 3 mi W of Hinckley, 11 Jul 2019, DBM, also Gary Hinds
Pheosia rimosa, Cook Co, 76 Walter Rd E end of Devil Track Lake, 23 Jun 2019, DBM
Pheosia rimosa, Cook Co, 76 Walter Rd, Devil Track Lake, 26 May-14 Aug 2017, DBM
Pheosia rimosa, Lake Co, Wolf Ridge Bioblitz, 17 Jul 2019, DBM
Pheosia rimosa, Pine Co, Fox Rd, 3 mi W of Hinckley, 17 Jun-22 Aug 2019, DBM, also Gary Hinds
Schizura apicalis, Lake of the Woods Co, Norris Camp, 4 Jul 2019, KEJ
Schizura ipomaeae, Cook Co, 76 Walter Rd, Devil Track Lake, 28 Jun-14 Sep 2017, DBM
Schizura ipomaeae, **Pine Co**, Fox Rd, 3 mi W of Hinckley, 11 Jul 2019, DBM, also Gary Hinds
Schizura leptinoides, Cook Co, 76 Walter Rd, Devil Track Lake, 10 Jun 2017, DBM
Schizura leptinoides, **Pine Co**, Fox Rd, 3 mi W of Hinckley, 6-8 Sep 2019, DBM, also Gary Hinds
Schizura unicornis, Cook Co, 76 Walter Rd, Devil Track Lake, 21 Jul 2017, DBM
Schizura unicornis, Pine Co, Fox Rd, 3 mi W of Hinckley, 17 Jun 2019, DBM, also Gary Hinds

Nymphalidae:

Aglais milberti, Beltrami Co, Nary Rd, swamp area, 3 Sep 2017, ASB, on thistle
Aglais milberti, Cass Co, Oak Point, 21 Jun-3 Jul 2017, ASB, nectaring on oxeye daisy, trefoil
Aglais milberti, Cook Co, Plouff Ck wetlands along CR 3, 11 Jul 2017, DBM, record from Dave Grosshuesch, scarce in 2017
Boloria bellona, Cass Co, Oak Point, 12 May-26 Jul 2017, ASB, basking on sand & feeding on scat
Boloria bellona, Cook Co, 76 Walter Rd, Devil Track Lake, 12 Jun 2017, DBM
Boloria bellona, Cook Co, CR 4, 1 ¼ mi N of MN 61, 10 Jul 2017, DBM
Boloria bellona, Cook Co, Junco Creek Rd (FR 665), 1-16 Jun 2017, DBM
Boloria bellona, Cook Co, Walter Rd, E end of Devil Track Lake, 1 Jun 2019, DBM, also Bonnie MacLean
Boloria bellona, Cook Co, Plouff Creek wetlands along CR 3, 24 Jul 2019, DBM, also Jim Sanders, Norma Malinowski, Abbey Didier, Peg Robertson, Dave Grosshuesch, common
Boloria chariclea grandis, Koochiching Co, North Black River Peatland, 1 Aug 2017, KEJ
Boloria chariclea grandis, Lake of the Woods Co, Northwest Angle, Sevenmile Swamp, 30 Jul 2017, KEJ
Boloria eunomia, Roseau Co, Pine Creek Peatland, 11 Jun 2017, KEJ
Boloria freija, Aitkin Co, Floodwood Peatlands, 13 May 2017, KEJ
Boloria freija, Carlton Co, Kettle Lake Peatlands, 14 May 2017, KEJ
Boloria freija, Lake of the Woods Co, Northwest Angle, Sevenmile Swamp, 1 Jun 2017, KEJ, oviposition observed on *Vaccinium vitis-idaea*
Boloria freija, Pine Co, Net River Peatlands, 14 May 2017, KEJ
Boloria frigga, Lake of the Woods Co, Northwest Angle, Sevenmile Swamp, 1 Jun 2017, KEJ
Boloria selene, Cass Co, Oak Point, 22 Jun 2017, ASB, dark colored
Boloria selene, Cook Co, Lima Grade Rd (FR 315), 19 Jul 2017, DBM
Boloria selene, Cook Co, Lima Grade Rd, N of FR 152, 2 Aug 2019, DBM, also Bonnie MacLean
Boloria selene, Cook Co, Junco Creek Rd, 7 Jul 2017, DBM, also Bonnie MacLean
Cercyonis pegala, Cass Co, Oak Point, 20-26 Jul 2017, ASB
Chlosyne gorgone, Kittson Co, Lake Bronson State Park, 4 Jun 2017, KEJ
Chlosyne harrisii, Kittson Co, Caribou WMA, 26 Jun 2017, KEJ
Chlosyne nycteis, Cass Co, Oak Point, 22 Jun-6 Jul 2017, ASB, nectaring on oxeye daisy

Chlosyne nycteis, Cook Co, 76 Walter Rd, Devil Track Lake, 21 Jun-14 Jul 2017, DBM
Chlosyne nycteis, Cook Co, CR 4, 1 ¼ mi N of MN 61, 10 Jul 2017, DBM
Chlosyne nycteis, Cook Co, FR 158, 16 Jun 2017, DBM
Chlosyne nycteis, Cook Co, Judge Magney State Park, 2 Jul 2017, DBM
Chlosyne nycteis, Cook Co, Junco Creek Rd (FR 665), 12 Jun-8 Jul 2017, DBM
Chlosyne nycteis, Cook Co, Junco Creek Rd, 7-28 Jul 2017, DBM, also Bonnie MacLean
Chlosyne nycteis, Cook Co, Walter Rd, E end of Devil Track Lake, 28 Jun-3 Jul 2019, DBM, also Bonnie MacLean
Coenonympha tullia, Cass Co, Oak Point, 22-30 Jun 2017, ASB, nectaring on oxeye daisy
Coenonympha tullia, Clay Co, Felton Prairie, 25 Jun 2017, KEJ
Coenonympha tullia, Cook Co, Devil Track Rd. (CR 8) roadside, 22 Jun-14 Jul 2017, DBM
Coenonympha tullia, Cook Co, 76 Walter Rd, Devil Track Lake, 8 Jul 2017, DBM
Coenonympha tullia, Cook Co, Junco Creek Rd (FR 665), 8 Jul 2017, DBM
Coenonympha tullia, Cook Co, Junco Creek Rd, 7 Jul 2017, DBM
Coenonympha tullia, Cook Co, Walter Rd, E end of Devil Track Lake, 7-11 Jul 2019, DBM, also Bonnie MacLean
Coenonympha tullia, Cook Co, Co Rd 8 (Devil Track Rd) roadside, 7-24 Jul 2019, DBM, also Bonnie MacLean
Coenonympha tullia, Cook Co, CR 4, 1 ¼ mi N of MN 61, 9 Jul 2017, DBM
Danaus plexippus, Blue Earth Co, Mankato, 29-31 Aug 2017, DBM
Danaus plexippus, Blue Earth Co, Hubbard House Gardens, 28 Aug 2019, DBM, also Bonnie MacLean, common
Danaus plexippus, Blue Earth Co, Sibley Park, 27 Aug 2019, DBM, also Bonnie MacLean
Danaus plexippus, Cass Co, Oak Point, 26 May-7 Oct 2017, ASB
Danaus plexippus, Cook Co, CR 57, W of Devil Track Lake, 6-11 Jun 2019, DBM, also Bonnie MacLean
Danaus plexippus, Cook Co, Chik Wauk Nature Center, Gunflint Trail, 1 Sep 2019, DBM, also Bonnie MacLean
Danaus plexippus, Cook Co, Maple Hill Rd, 9 Aug 2017, DBM
Danaus plexippus, Cook Co, Elbow Lake Landing, 8 Jul 2017, DBM
Danaus plexippus, Cook Co, CR 4, 1 ¼ mi N of MN 61, 17 Jun-10 Jul 2017, DBM
Danaus plexippus, Cook Co, 76 Walter Rd, Devil Track Lake, 12 Jun-24 Aug 2017, DBM
Danaus plexippus, Cook Co, 51 Mort Meadows Rd, 10 Jun-24 Aug 2017, DBM, near small patch of planted common milkweed
Danaus plexippus, Cook Co, Aspen Lake, Clearwater Rd., 3 Jun 2017, DBM, higher numbers in 2017
Danaus plexippus, Cook Co, Golden Eagle Lodge off CR 66, 11 Jun 2019, DBM, reported by Dan Bauman and Bonnie MacLean
Danaus plexippus, Cook Co, Grand Marais, 8 Jun 2019, DBM, also Bonnie MacLean
Danaus plexippus, Cook Co, Walter Rd, E end of Devil Track Lake, 26 Jun-1 Aug 2019, DBM, also Bonnie MacLean
Erebia discoidalis, Aitkin Co, Floodwood Peatlands, 13 May 2017, KEJ
Erebia mancinus, **Lake of the Woods Co**, Northwest Angle, Sevenmile Swamp, 1 Jun 2017, KEJ, first record from NW MN after years of looking
Erebia mancinus, **Lake of the Woods Co**, Northwest Angle, 13 Jun 2019, KEJ, 2nd NW MN record, very localized
Euphydryas phaeton, Beltrami Co, Nary Rd, swamp area, 30 Jun-24 Jul 2017, ASB, females outnumbered males
Euphydryas phaeton, Cook Co, CR 4, 1 ¼ mi N of MN 61, 8-10 Jul 2017, DBM
Euptoieta claudia, Cass Co, Oak Point, 21-22 Jun 2017, ASB, basking on gravel/dirt rd and nectaring
Lethe anthedon, Cass Co, Oak Point, 22 Jun-25 Jul 2017, ASB, feeding on tree sap
Lethe anthedon, Cook Co, Plouff Ck wetlands along CR 3, 11 Jul 2017, DBM
Lethe anthedon, Cook Co, Plouff Creek wetlands along CR 3, 8-24 Jul 2019, DBM
Lethe anthedon, Cook Co, 51 Mort Meadows Rd, 5 Jul 2017, DBM
Lethe anthedon, Cook Co, 76 Walter Rd, Devil Track Lake, 6-7 Jul 2017, DBM
Lethe anthedon, Cook Co, Junco Creek Rd (FR 665), 8 Jul 2017, DBM
Lethe anthedon, Cook Co, Junco Creek Rd, 7 Jul 2017, DBM
Lethe anthedon, Cook Co, Lima Grade Rd, N of FR 152, 2 Aug 2019, DBM, also Bonnie MacLean, worn
Lethe anthedon, Cook Co, Walter Rd, E end of Devil Track Lake, 5-9 Jul 2019, DBM
Lethe anthedon, Pine Co, Hinckley, 22 Aug 2017, DBM, record from Gary Hinds
Lethe appalachia, Lake of the Woods Co, Norris Camp, 28 Jul 2017, KEJ
Lethe appalachia, Lake of the Woods Co, Mulligan Lake Peatland, 8 Jul 2017, SCB, also RT, KEJ, few records from this far NW, abundant in cedar swamp
Lethe eurydice, Cass Co, Oak Point, 26 Jun-26 Jul 2017, ASB, basking on the drive
Limenitis archippus, Cass Co, Oak Point, 3 Sep 2017, ASB, nectaring on hydrangea
Limenitis arthemis, Cass Co, Oak Point, 22 Jun-26 Jul 2017, ASB, nectaring on sedum and oxeye daisy
Limenitis arthemis arthemis, Cook Co, Rec Park, Grand Marais, 9 Sep 2017, DBM
Limenitis arthemis arthemis, Cook Co, CR 4, 1 ¼ mi N of MN 61, 17 Jun 2017, DBM
Limenitis arthemis arthemis, Cook Co, 76 Walter Rd, Devil Track Lake, 1 Jul-1 Aug 2017, DBM
Limenitis arthemis arthemis, Cook Co, Devil Track Rd. (CR 8) roadside, 8 Jul 2017, DBM
Limenitis arthemis arthemis, Cook Co, Judge Magney State Park, 2 Jul 2017, DBM
Limenitis arthemis arthemis, Cook Co, Junco Creek Rd (FR 665), 8 Jul 2017, DBM
Limenitis arthemis arthemis, Cook Co, Junco Creek Rd, 7 Jul 2017, DBM, very common
Limenitis arthemis arthemis, Cook Co, FR 152, 2 Aug 2019, DBM, also Bonnie MacLean
Limenitis arthemis arthemis, Cook Co, Plouff Creek wetlands along CR 3, 8-24 Jul 2019, DBM
Limenitis arthemis arthemis, Cook Co, Walter Rd, E end of Devil Track Lake, 2 Jul-19 Sep 2019, DBM, also Bonnie MacLean
Limenitis arthemis rubrofasciata, Cook Co, Plouff Ck wetlands along CR 3, 11 Jul 2017, DBM, record from Dave Grosshuesch
Limenitis arthemis rubrofasciata, Cook Co, FR 304 (Old Land fill Rd), 16 Jul 2017, DBM

Limenitis arthemis rubrofasciata, Cook Co, Lima Grade Rd (FR 315), 19 Jul 2017, DBM
Megisto cymela, Cass Co, Oak Point, 11 Jun-2 Jul 2017, ASB, nectaring on blueberry
Nymphalis antiopa, Cass Co, Oak Point, 19 Jul-3 Sep 2017, ASB, basking on the drive
Nymphalis antiopa, Cook Co, CR 57, W of Devil Track Lake, 6 Jun 2019, DBM, also Bonnie MacLean, uncommon
Nymphalis antiopa, Cook Co, Chik Wauk Nature Center, Gunflint Trail, 1 Sep 2019, DBM, also Bonnie MacLean
Nymphalis antiopa, Cook Co, 76 Walter Rd E end of Devil Track Lake, 11 May-14 Sep 2019, DBM, also Bonnie MacLean, uncommon
Nymphalis antiopa, Cook Co, Pine Mt Rd (FR 154), 1 Jun 2017, DBM, scarce in 2017
Nymphalis antiopa, Cook Co, FR 304 (Old Land fill Rd), 7 Jun 2017, DBM
Nymphalis antiopa, Cook Co, Junco Creek Rd (FR 665), 1 Jun 2017, DBM
Nymphalis antiopa, Cook Co, Junco Creek Rd, 7 Jul 2017, DBM, uncommon
Nymphalis antiopa, Cook Co, FR 152, 2 Aug 2019, DBM, also Bonnie MacLean, common
Nymphalis antiopa, Cook Co, Lima Grade Rd, N of FR 152, 2 Aug 2019, DBM, also Bonnie MacLean, common
Nymphalis antiopa, Pine Co, Hinckley, 8 Apr 2017, DBM, record from Gary Hinds
Nymphalis l-album, Cook Co, Upper Gunflint Trail (CR 12), 6 Jun 2017, DBM
Nymphalis l-album, Cook Co, S. Brule Rd (FR 325), 6 Jun 2017, DBM
Nymphalis l-album, Cook Co, FR 304 (Old Land fill Rd), 8 Aug 2017, DBM
Nymphalis l-album, Cook Co, FR 304 off CR 12, 15 Aug 2019, DBM, also Bonnie MacLean
Nymphalis l-album, Cook Co, 76 Walter Rd E end of Devil Track Lake, 2 Aug-26 Sep 2019, DBM
Nymphalis l-album, Cook Co, 76 Walter Rd, Devil Track Lake, 23 Sep-17 Oct 2017, DBM
Nymphalis l-album, Cook Co, FR 152, 2 Aug 2019, DBM, also Bonnie MacLean, uncommon
Nymphalis l-album, Cook Co, Lima Grade Rd, N of FR 152, 2 Aug 2019, DBM, also Bonnie MacLean, uncommon
Oeneis jutta, Lake of the Woods Co, Northwest Angle, Sevenmile Swamp, 1 Jun 2017, KEJ
Oeneis jutta, St. Louis Co, near Meadowlands, 15-18 Jun 2019, DBM, also Jenny McCormick
Phyciodes cocyta, Cass Co, Oak Point, 21 Jun-19 Jul 2017, ASB, population lowest in 7 years
Phyciodes cocyta, Cook Co, Plouff Ck wetlands along CR 3, 11 Jul 2017, DBM, record from Dave Grosshuesch
Phyciodes cocyta, Cook Co, Plouff Creek wetlands along CR 3, 8-24 Jul 2019, DBM
Phyciodes cocyta, Cook Co, FR 304 (Old Land fill Rd), 16 Jul 2017, DBM
Phyciodes cocyta, Cook Co, 76 Walter Rd, Devil Track Lake, 2 Jun-6 Jul 2017, DBM
Phyciodes cocyta, Cook Co, CR 4, 1 ¼ mi N of MN 61, 10 Jul 2017, DBM
Phyciodes cocyta, Cook Co, Junco Creek Rd (FR 665), 12 Jun-8 Jul 2017, DBM
Phyciodes cocyta, Cook Co, Junco Creek Rd, 7-28 Jul 2017, DBM, very common
Phyciodes cocyta, Cook Co, Lima Grade Rd (FR 315), 19 Jul 2017, DBM
Phyciodes cocyta, Cook Co, FR 152, 2 Aug 2019, DBM, also Bonnie MacLean, common
Phyciodes cocyta, Cook Co, Walter Rd, E end of Devil Track Lake, 28 Jun-13 Jul 2019, DBM, also Bonnie MacLean
Polygonia comma, Cass Co, Oak Point, 13 Apr-16 Jul 2017, ASB, basking on the drive
Polygonia faunus, Cook Co, FR 304 (Old Land fill Rd), 7 Jun-8 Aug 2017, DBM
Polygonia faunus, Cook Co, FR 304 off CR 12, 15 Aug 2019, DBM, also Bonnie MacLean
Polygonia faunus, Cook Co, 76 Walter Rd, Devil Track Lake, 8 Aug-21 Sep 2017, DBM
Polygonia faunus, Cook Co, Junco Creek Rd (FR 665), 1 Jun 2017, DBM
Polygonia faunus, Cook Co, Junco Creek Rd, 28 Jul 2017, DBM, also Bonnie MacLean, uncommon
Polygonia faunus, Cook Co, FR 152, 2 Aug 2019, DBM, also Bonnie MacLean, common
Polygonia faunus, Cook Co, Golden Eagle Lodge off CR 66, 11 Jun 2019, DBM, also Bonnie MacLean
Polygonia faunus, Cook Co, Lima Grade Rd, N of FR 152, 2 Aug 2019, DBM, also Bonnie MacLean, common
Polygonia faunus, Lake of the Woods Co, Northwest Angle, Sevenmile Swamp, 1 Jun 2017, KEJ
Polygonia progne, Cass Co, Oak Point, 7 May-20 Jul 2017, ASB, basking on the drive
Polygonia progne, Cook Co, 76 Walter Rd, Devil Track Lake, 23 Sep 2017, DBM
Polygonia progne, Cook Co, Lima Grade Rd (FR 315), 19 Jul 2017, DBM
Polygonia progne, Cook Co, Plouff Creek wetlands along CR 3, 24 Jul 2019, DBM, also Jim Sanders, Norma Malinowski, Abbey Didler, Peg Robertson, Dave Grosshuesch, uncommon
Speyeria aphrodite, Cass Co, Oak Point, 19 Jul-9 Aug 2017, ASB, nectaring on blazing star
Speyeria aphrodite, Kittson Co, Norway Dunes, 8 Aug 2017, KEJ
Speyeria atlantis, Cass Co, Oak Point, 21 Jun-26 Jul 2017, ASB, nectaring on thistle and dogbane
Speyeria atlantis, Cook Co, CR 57, W of Devil Track Lake, 11 Jun 2019, DBM, also Bonnie MacLean
Speyeria atlantis, Cook Co, FR 304 (Old Land fill Rd), 16 Jul-8 Aug 2017, DBM
Speyeria atlantis, Cook Co, 51 Mort Meadows Rd, 13 Aug 2017, DBM
Speyeria atlantis, Cook Co, 76 Walter Rd E end of Devil Track Lake, 24 Jul-24 Aug 2019, DBM, also Bonnie MacLean
Speyeria atlantis, Cook Co, 76 Walter Rd, Devil Track Lake, 12 Aug 2017, DBM
Speyeria atlantis, Cook Co, Junco Creek Rd (FR 665), 8 Jul 2017, DBM, numbers very low
Speyeria atlantis, Cook Co, Junco Creek Rd, 7-28 Jul 2017, DBM, also Bonnie MacLean
Speyeria atlantis, Cook Co, Lima Grade Rd (FR 315), 19 Jul 2017, DBM
Speyeria atlantis, Cook Co, FR 152, 2 Aug 2019, DBM, also Bonnie MacLean, common
Speyeria atlantis, Cook Co, Lima Grade Rd, N of FR 152, 2 Aug 2019, DBM, also Bonnie MacLean, common
Speyeria atlantis, Cook Co, Plouff Creek wetlands along CR 3, 8-24 Jul 2019, DBM
Speyeria cybele, Cass Co, Oak Point, 30 Jun-26 Jul 2017, ASB, numbers down
Speyeria cybele, Cook Co, FR 304 off CR 12, 15 Aug 2019, DBM, also Bonnie MacLean

Speyeria cybele, Cook Co, Plouff Creek wetlands along CR 3, 24 Jul 2019, DBM, also Jim Sanders, Norma Malinowski, Abbey Didler, Peg Robertson, Dave Grossheusch, common

Vanessa atalanta, Blue Earth Co, 316 Haynes Ave, 6 May 2017, DBM

Vanessa atalanta, Blue Earth Co, Hubbard House Gardens, 28 Aug 2019, DBM, also Bonnie MacLean

Vanessa atalanta, Blue Earth Co, Sibley Park, 27 Aug 2019, DBM, also Bonnie MacLean

Vanessa atalanta, Cass Co, Oak Point, 6 May-20 Jul 2017, ASB

Vanessa atalanta, Cook Co, CR 57, W of Devil Track Lake, 26 Jun 2019, DBM, also Bonnie MacLean, fresh

Vanessa atalanta, Cook Co, CR 4, 1 ¼ mi N of MN 61, 17 Jun 2017, DBM

Vanessa atalanta, Cook Co, 76 Walter Rd, Devil Track Lake, 10 Jun-5 Jul 2017, DBM

Vanessa cardui, Blue Earth Co, 316 Haynes Ave, Mankato, 6 May 2017, DBM

Vanessa cardui, Blue Earth Co, Hubbard House Gardens, 28 Aug 2019, DBM, also Bonnie MacLean

Vanessa cardui, Blue Earth Co, Sibley Park, 27 Aug 2019, DBM, also Bonnie MacLean

Vanessa cardui, Cass Co, Oak Point, 14 May-7 Oct 2017, ASB, huge numbers statewide

Vanessa cardui, Cook Co, Grand Marais, 19-21 Sep 2017, DBM

Vanessa cardui, Cook Co, FR 304 (Old Land fill Rd), 16 Jul 2017, DBM

Vanessa cardui, Cook Co, FR 304 off CR 12, 15 Aug 2019, DBM, also Bonnie MacLean, common

Vanessa cardui, Cook Co, Devil Track Rd. (CR 8) roadside, 8 Jul-8 Aug 2017, DBM

Vanessa cardui, Cook Co, CR 4, 1 ¼ mi N of MN 61, 10 Jul 2017, DBM

Vanessa cardui, Cook Co, 51 Mort Meadows Rd, 6-7 Aug 2017, DBM

Vanessa cardui, Cook Co, 76 Walter Rd E end of Devil Track Lake, 8 Oct 2019, DBM, also Bonnie MacLean

Vanessa cardui, Cook Co, 76 Walter Rd, Devil Track Lake, 12 Jun-28 Sep 2017, DBM

Vanessa cardui, Cook Co, Judge Magney State Park, 2 Jul 2017, DBM

Vanessa cardui, Cook Co, Junco Creek Rd, 28 Jul 2017, DBM, also Bonnie MacLean

Vanessa cardui, Cook Co, Lima Grade Rd, N of FR 152, 2 Aug 2019, DBM, also Bonnie MacLean

Vanessa virginiensis, Blue Earth Co, Eagle Lake, 6 May 2017, DBM

Vanessa virginiensis, Cook Co, CR 4, 1 ¼ mi N of MN 61, 17 Jun 2017, DBM

Vanessa virginiensis, Cook Co, 76 Walter Rd, Devil Track Lake, 12 Jun 2017, DBM

Vanessa virginiensis, Cook Co, Junco Creek Rd (FR 665), 12 Jun 2017, DBM

Vanessa virginiensis, Cook Co, Junco Creek Rd, 14 Jun-28 Jul 2019, DBM, also Bonnie MacLean

Vanessa virginiensis, Cook Co, Golden Eagle Lodge off CR 66, 11 Jun 2019, DBM, also Bonnie MacLean

Vanessa virginiensis, Cook Co, Walter Rd, E end of Devil Track Lake, 28 May-8 Jul 2019, DBM, early Jun specimens worn, also Bonnie MacLean

Oecophoridae:

Brymbilia quadrimaculella, Lake of the Woods Co, Norris Camp, 27 Jun 2019, KEJ, seldom encountered

Decantha boreasella, **Lake of the Woods Co**, Norris Camp, 4 Jul 2019, KEJ

Eido trimaculella, **Pine Co**, Fox Rd, 3 mi W of Hinckley, 22 Jul 2019, DBM, also Gary Hinds, ID Brian Scholtens

Polix coloradella, **Lake of the Woods Co**, Norris Camp, 27 Jun 2019, KEJ

Papilionidae:

Papilio canadensis, Cass Co, Oak Point, 27 May-3 Jul 2017, ASB, numbers were down

Papilio canadensis, Cook Co, CR 57, W of Devil Track Lake, 11 Jun 2019, DBM, also Bonnie MacLean, cool wet weather in May and early June delayed emergence

Papilio canadensis, Cook Co, 76 Walter Rd E end of Devil Track Lake, 9 Jun-22 Jul 2019, DBM, also Bonnie MacLean, cool wet weather in May and early June delayed emergence

Papilio canadensis, Cook Co, S. Brule Rd (FR 325), 6 Jun 2017, DBM

Papilio canadensis, Cook Co, Pine Mt Rd (FR 154), 21 Jun 2017, DBM

Papilio canadensis, Cook Co, Elbow Lake Forest Rd 996, 16 Jul 2017, DBM

Papilio canadensis, Cook Co, 76 Walter Rd, Devil Track Lake, 2 Jun-18 Jul 2017, DBM

Papilio canadensis, Cook Co, CR 4, 1 ¼ mi N of MN 61, 17 Jun-10 Jul 2017, DBM

Papilio canadensis, Cook Co, Devil Track Rd. (CR 8) roadside, 8 Jul 2017, DBM

Papilio canadensis, Cook Co, FR 158, 17 Jun 2017, DBM

Papilio canadensis, Cook Co, FR 304 (Old Land fill Rd), 6 Jun 2017, DBM

Papilio canadensis, Cook Co, Judge Magney State Park, 2 Jul 2017, DBM

Papilio canadensis, Cook Co, Junco Creek Rd (FR 665), 1 Jun-8 Jul 2017, DBM

Papilio canadensis, Cook Co, Junco Creek Rd, 14 Jun 2019, DBM, cool wet weather in May and early June delayed emergence

Papilio canadensis, Cook Co, Grand Marais, 8 Jun 2019, DBM, cool wet weather in May and early June delayed emergence, also Bonnie MacLean

Papilio canadensis, Cook Co, Plouff Creek wetlands along CR 3, 8 Jul 2019, DBM, also Abbey Didler, Hannah Hill, Amy Wilfart, Chris Beal, Dave Grossheusch

Papilio cresphontes, Houston Co, Mound Prairie, 28 May 2017, KEJ, also Kevin Taylor

Papilio glaucus, Blue Earth Co, 316 Haynes Ave, 6 May 2017, DBM

Papilio glaucus, Pine Co, Hinckley, 12 Sep 2017, DBM, record from Gary Hinds, late record

Papilio polyxenes, Cass Co, Oak Point, 14 May-26 Jul 2017, ASB, 7 over course of year

Papilio polyxenes, Kittson Co, Caribou WMA, 27 Jun 2017, KEJ

Pieridae:

Colias eurytheme, Cass Co, Oak Point, 29 Jun 2017, ASB

Colias eurytheme, Cook Co, Devil Track Rd. (CR 8) roadside, 8 Jul 2017, DBM

Colias eurytheme, Cook Co, CR 4, 1 ¼ mi N of MN 61, 10 Jul 2017, DBM
Colias eurytheme, Cook Co, 51 Mort Meadows Rd, 14 Jul 2017, DBM
Colias eurytheme, Cook Co, 76 Walter Rd E end of Devil Track Lake, 24 Jul-19 Sep 2019, DBM, also Bonnie MacLean
Colias eurytheme, Cook Co, 76 Walter Rd, Devil Track Lake, 2 Jul 2017, DBM
Colias eurytheme, Cook Co, Plouff Creek wetlands along CR 3, 24 Jul 2019, DBM, also Jim Sanders, Norma Malinowski, Abbey Didler, Peg Robertson, Dave Grossheusch, common
Colias interior, Cass Co, Oak Point, 30 Jun-3 Jul 2017, ASB, nectaring on oxeye daisy
Colias interior, Cook Co, Plouff Ck wetlands along CR 3, 11 Jul 2017, DBM, record from Dave Grossheusch
Colias interior, Cook Co, Plouff Creek wetlands along CR 3, 8-24 Jul 2019, DBM
Colias interior, Cook Co, Junco Creek Rd (FR 665), 8 Jul 2017, DBM
Colias interior, Cook Co, Junco Creek Rd, 7-28 Jul 2017, DBM, also Bonnie MacLean
Colias interior, Cook Co, Lima Grade Rd (FR 315), 19 Jul 2017, DBM
Colias interior, Cook Co, Lima Grade Rd, N of FR 152, 2 Aug 2019, DBM, also Bonnie MacLean
Colias interior, Itasca Co, Bowstring Peatlands, 27 Jul 2017, KEJ
Colias philodice, Cook Co, CR 18 roadside, 22 Jul 2019, DBM, also Bonnie MacLean
Colias philodice, Cook Co, Upper Gunflint Trail (CR 12), 6 Jun 2017, DBM, scarce in 2017
Colias philodice, Cook Co, Elbow Lake Forest Rd 996, 6 Jul 2017, DBM
Colias philodice, Cook Co, CR 4, 1 ¼ mi N of MN 61, 17 Jun 2017, DBM
Colias philodice, Cook Co, FR 304 off CR 12, 15 Aug 2019, DBM, also Bonnie MacLean
Colias philodice, Cook Co, Junco Creek Rd, 28 Jul 2017, DBM, also Bonnie MacLean
Colias philodice, Cook Co, MN 61 roadsides, 20 Jul 2019, DBM, also Bonnie MacLean, large numbers
Euchloe ausonides, Cook Co, Upper Gunflint Trail (CR 12), 25 May-6 Jun 2017, DBM
Euchloe olympia, Fillmore Co, Rushford Barrens, 7 May 2017, KEJ
Euchloe olympia, Winona Co, Whitewater WMA, 8 May 2017, KEJ
Pieris oleracea, Cass Co, Oak Point, 10 May-10 Jun 2017, ASB, nectaring on purple *Viola* and creeping Charlie
Pieris oleracea, Cook Co, S. Brule Rd (FR 325), 6 Jun 2017, DBM
Pieris oleracea, Cook Co, 76 Walter Rd, Devil Track Lake, 8 Jul 2017, DBM
Pieris oleracea, Cook Co, FR 158, 16 Jun 2017, DBM
Pieris oleracea, Cook Co, Walter Rd, E end of Devil Track Lake, 21 Jul-11 Aug 2019, DBM, also Bonnie MacLean
Pieris rapae, Blue Earth Co, 316 Haynes Ave & Sibley Park, Mankato, 29-31 Aug 2017, DBM
Pieris rapae, Cass Co, Oak Point, 29 Jun-10 Aug 2017, ASB, numbers down
Pieris rapae, Cook Co, Chik Wauk Nature Center, Gunflint Trail, 1 Sep 2019, DBM, also Bonnie MacLean
Pieris rapae, Cook Co, 76 Walter Rd E end of Devil Track Lake, 6 Jun-24 Aug 2019, DBM, also Bonnie MacLean, uncommon
Pieris rapae, Cook Co, Grand Marais, 18 Jul 2017, DBM
Pieris rapae, Cook Co, CR 4, 1 ¼ mi N of MN 61, 10 Jul 2017, DBM
Pieris rapae, Cook Co, 76 Walter Rd, Devil Track Lake, 21 Sep 2017, DBM
Pontia protodice, Clay Co, Felton Prairie, 25 Jun 2017, KEJ

Plutellidae:

Plutella xylostella, Kittson Co, Skull Lake WMA, 25 Oct 2017, KEJ

Pterophoridae:

Emmelina monodactyla, **Cook Co**, 76 Walter Rd E end of Devil Track Lake, 25 Jul-16 Aug 2019, DBM
Platyptilia carduidactylus, **Cook Co**, 76 Walter Rd, Devil Track Lake, 21 Sep 2017, DBM
Platyptilia carduidactylus, Cook Co, 76 Walter Rd E end of Devil Track Lake, 6-10 Aug 2019, DBM

Pyralidae:

Ancylosis undulatella, **Lake of the Woods Co**, Norris Camp, 31 Aug 2019, KEJ
Apomyelois bistriatella, Cook Co, 76 Walter Rd E end of Devil Track Lake, 23 Jun-31 Jul 2019, DBM, ID Brian Scholtens
Arta statalis, **Isanti Co**, Sager's Swamp (1.5 mi W of Pine Brook), 24 Jul 2017, JS6
Bandera binotella, **Kittson Co**, Norway Dunes, 7 Aug 2017, KEJ
Dioryctria abietivorella, Cook Co, 76 Walter Rd, Devil Track Lake, 8 Aug 2017, DBM
Eulogia ochrifrontella, **Isanti Co**, Sager's Swamp (1.5 mi W of Pine Brook), 1-15 Sep 2017, JS6
Glyptocera consobrinella, **Isanti Co**, Sager's Swamp (1.5 mi W of Pine Brook), 14 Jun 2017, JS6
Hypsopygia costalis, **Olmsted Co**, Chester Woods Park, 2 Oct 2017, KEJ
Hypsopygia thymetusalis, Cook Co, 76 Walter Rd E end of Devil Track Lake, 31 Jul 2019, DBM
Meroptera pravella, **Isanti Co**, Sager's Swamp (1.5 mi W of Pine Brook), 15 Jul 2017, JS6
Ortholepis myricella, Kittson Co, Caribou WMA, 27-28 Jun 2017, KEJ
Peoria approximella, Kittson Co, Norway Dunes, 7 Aug 2017, KEJ
Peoria gemmatella, **Isanti Co**, Sager's Swamp (1.5 mi W of Pine Brook), 2 Aug 2017, JS6
Pococera applastella, **Isanti Co**, Sager's Swamp (1.5 mi W of Pine Brook), 24 Jul 2017, JS6
Zophodia grossulariella, Isanti Co, Sager's Swamp (1.5 mi W of Pine Brook), 26 May 2018, JS6

Saturniidae:

Actias luna, Cook Co, 76 Walter Rd E end of Devil Track Lake, 23 Jun-2 Jul 2019, DBM
Actias luna, Cook Co, 76 Walter Rd, Devil Track Lake, 9-28 Jun 2017, DBM
Antheraea polyphemus, Cook Co, 76 Walter Rd E end of Devil Track Lake, 23 Jun-6 Jul 2019, DBM
Antheraea polyphemus, Cook Co, 76 Walter Rd, Devil Track Lake, 28 Jun-4 Jul 2017, DBM
Antheraea polyphemus, Cook Co, Golden Eagle Lodge, 23 Jun 2017, DBM
Antheraea polyphemus, Cook Co, Golden Eagle Lodge off CR 66, 4 Jul 2019, DBM, wings on ground near light, also DB

Callosamia promethea, **Koochiching Co**, Porter Ridge Bog, 29 Jul 2019, KEJ
Callosamia promethea, **Pine Co**, Fox Rd, 3 mi W of Hinckley, 18-19 Jun 2019, DBM, also Gary Hinds, female
Callosamia promethea, St. Louis Co, Trillium Rd, Wuori Twp., 10 Jun 2019, DBM, emerged from cocoon on Speckled Alder, possible new host plant, also Jerry McCormick
Hyalophora cecropia, Cook Co, Golden Eagle Lodge off CR 66, 4 Jul 2019, DBM, wings on ground near light, also DB
Hyalophora cecropia, Pine Co, Hinckley, 2 Jun 2017, DBM, record from Gary Hinds
Hyalophora cecropia, St. Louis Co, CR 308 ca. 5 mi N of Virginia, 15-18 May 2017, DBM
Hyalophora columbia, Lake of the Woods Co, Northwest Angle, Caribou Ridge, 1 Jun 2017, KEJ

Sesiidae:

Alcathoe caudata, Isanti Co, 2.5 mi W of Pine Brook, 15 Aug 2017, JS6, to pheromone trap, 3rd in three years at location
Paranthrene simulans, **Kittson Co**, Caribou WMA, 26-29 Jun 2017, KEJ
Synanthedon acerni, **Lake of the Woods Co**, Norris Camp, 27 Jun 2019, KEJ
Synanthedon helenis, Isanti Co, 2.5 mi W of Pine Brook, 13-18 Jul 2019, JS6, 5 males in pheromone trap
Synanthedon pini, **Isanti Co**, Sager's Swamp (1.5 mi W of Pine Brook), 17 Jun 2017, JS6, 4 in pheromone trap
Synanthedon pini, **Lake of the Woods Co**, Norris Camp, 4 Jul 2019, KEJ

Sphingidae:

Amorpha juglandis, Cook Co, 76 Walter Rd E end of Devil Track Lake, 20 Jun 2019, DBM
Amphion floridensis, **Houston Co**, Spring Grove, 2 Jun 2017, DBM, record by Lissa Catton
Ceratonia undulosa, Cook Co, 76 Walter Rd E end of Devil Track Lake, 2 Jul 2019, DBM
Deidamia inscripta, **Houston Co**, Mound Prairie, 7 May 2017, KEJ
Erinnyis ello, **Lake of the Woods Co**, E of Norris Camp, 8 Jul 2019, SCB, at MV sheet
Erinnyis ello, **Olmsted Co**, Chester Woods Park, 2 Oct 2017, KEJ
Hemaris diffinis, Cook Co, S. Brule Rd (FR 325), 6 Jun 2017, DBM
Hemaris diffinis, Cook Co, Grand Marais Community Center, 19 Sep 2019, DBM
Hemaris thysbe, Cass Co, Oak Point, 16 Jun 2017, ASB, nectaring on yellow iris
Hyles gallii, **Hennepin Co**, Parkers Lake Park, 2 Jul 2017, TJ, record from Mark Jantscher
Hyles lineata, Cook Co, 76 Walter Rd, Devil Track Lake, 13 Sep 2017, DBM
Pachysphinx modesta, Cook Co, 76 Walter Rd, Devil Track Lake, 13-28 Jun 2017, DBM
Pachysphinx modesta, Lake Co, Wolf Ridge Bioblitz, 17 Jul 2019, DBM
Pachysphinx modesta, Pine Co, Fox Rd, 3 mi W of Hinckley, 26 Jun-24 Jul 2019, DBM, also Gary Hinds
Paonias excaecata, Cook Co, 76 Walter Rd E end of Devil Track Lake, 2 Jul 2019, DBM
Paonias myops, Cook Co, 76 Walter Rd, Devil Track Lake, 17 Jun-4 Jul 2017, DBM
Smerinthus cerisyi, Cook Co, 76 Walter Rd E end of Devil Track Lake, 18 Jun 2019, DBM
Smerinthus cerisyi, Cook Co, 76 Walter Rd, Devil Track Lake, 16-18 Jun 2017, DBM
Smerinthus cerisyi, Lake Co, FR 912, Isabella, 13 Jun 2017, DBM
Smerinthus jamaicensis, Lake Co, FR 912, Isabella, 13 Jun-21 Jul 2017, DBM
Sphinx canadensis, **Cook Co**, 76 Walter Rd, Devil Track Lake, 21 Jul 2017, DBM
Sphinx drupiferarum, Lake of the Woods Co, Norris Camp, 27 Jun 2019, KEJ
Sphinx kalmiae, Cook Co, 76 Walter Rd E end of Devil Track Lake, 20 Aug 2019, DBM
Sphinx kalmiae, Lake Co, Wolf Ridge Environmental Center, 26 Jul 2017, DBM
Sphinx kalmiae, Lake Co, Wolf Ridge Bioblitz, 17 Jul 2019, DBM
Sphinx kalmiae, **Pine Co**, Fox Rd, 3 mi W of Hinckley, 19 Jun 2019, DBM, also Gary Hinds
Sphinx luscitiosa, Kittson Co, Caribou WMA, 27 Jun 2017, KEJ
Sphinx poecila, Cook Co, 76 Walter Rd E end of Devil Track Lake, 23 Jun-24 Jul 2019, DBM
Sphinx poecila, Cook Co, 76 Walter Rd, Devil Track Lake, 13-17 Jun 2017, DBM
Sphinx poecila, Lake Co, Wolf Ridge Environmental Center, 26 Jul 2017, DBM, 2017 Bio Blitz

Thyrididae:

Thyris maculata, St. Louis Co, Trillium Rd, one mi SW of MN 169, 11 Jul 2019, DBM, also Jerry McCormick, possible 3rd state record

Tineidae:

Acrolophus morus, **Olmsted Co**, Chester Woods Park, 2 Oct 2017, KEJ
Amydria effrentella, **Kittson Co**, Lake Bronson State Park, 7 Aug 2017, KEJ
Nemapogon acapnopenella, **Kittson Co**, Caribou WMA, 28 Jun 2017, KEJ
Nemapogon tylodes, **Isanti Co**, 2.5 mi W of Pine Brook, 27 Jun 2017, JS6, in sesiid pheromone trap
Tinea pellionella, **Lake of the Woods Co**, Norris Camp, 27 Jun 2019, KEJ

Tortricidae:

Acleris forbesana, Beltrami Co, Red Lake Peatland, 20 Oct 2017, KEJ
Acleris maccana, Beltrami Co, Red Lake Peatland, 20 Oct 2017, KEJ
Acleris maccana, Lake of the Woods Co, Mulligan Lake Peatland, 21 Feb 2017, KEJ, crawling on snow on warm winter day
Acleris macdunnoughi, **Cook Co**, Walter Rd, E end of Devil Track Lake, 18 Jun 2019, DBM
Acleris maculidorsana, Beltrami Co, Red Lake Peatland, 20 Oct 2017, KEJ
Acleris nigrolinea, Kittson Co, Lake Bronson State Park, 25 Oct 2017, KEJ
Acleris placidana, **Cook Co**, 76 Walter Rd, Devil Track Lake, 20 Oct 2017, DBM
Acleris robinsonana, Kittson Co, Lake Bronson State Park, 7 Aug 2017, KEJ
Acleris schalleriana, **Kittson Co**, Lake Bronson State Park, 25 Oct 2017, KEJ
Aethes biscana, Isanti Co, Sager's Swamp (1.5 mi W of Pine Brook), 19 Aug 2018, JS6
Aethes monera, **Lake of the Woods Co**, Norris Camp, 27 Jun 2019, KEJ, **State record**

Ancylis divisana, **Lake of the Woods Co**, Norris Camp, 27 Jun 2019, KEJ
Apotomis funerea, **Cook Co**, 76 Walter Rd, Devil Track Lake, 15 Jul 2017, DBM
Apotomis funerea, **Cook Co**, 76 Walter Rd E end of Devil Track Lake, 3 Aug 2019, DBM
Archips alberta, **Cook Co**, 76 Walter Rd E end of Devil Track Lake, 3-20 Aug 2019, DBM
Archips mortuana, **Isanti Co**, Sager's Swamp (1.5 mi W of Pine Brook), 2 Jul 2019, JS6
Argyrotaenia mariana, **Cook Co**, 76 Walter Rd E end of Devil Track Lake, 18 Jun 2019, DBM
Bactra verutana, **Olmsted Co**, Chester Woods Park, 2 Oct 2017, KEJ
Catastega timidella, **Sherburne Co**, Sherburne NWR/Mahnomen Trail, 3 Jun 2019, JS6
Cenopsis reticulatana, **Cook Co**, 76 Walter Rd E end of Devil Track Lake, 8-12 Aug 2019, DBM
Choristoneura fumiferana, **Pine Co**, Fox Rd, 3 mi W of Hinckley, 11 Jul 2019, DBM, also Gary Hinds
Choristoneura pinus, **Cook Co**, Walter Rd, E end of Devil Track Lake, 6 Aug 2019, DBM
Choristoneura rosaceana, **Cook Co**, 76 Walter Rd E end of Devil Track Lake, 14-24 Jul 2019, DBM
Choristoneura rosaceana, **Lake Co**, Wolf Ridge Bioblitz, 17 Jul 2019, DBM
Choristoneura zapulata, **Kittson Co**, Caribou WMA, 27 Jun 2017, KEJ
Clepsis persicana, **Cook Co**, 76 Walter Rd, Devil Track Lake, 15 Jul 2017, DBM
Decodes basiplagana, **Isanti Co**, Sager's Swamp (1.5 mi W of Pine Brook), 1 Sep 2017, JS6
Epinotia zandana, **Lake of the Woods Co**, Norris Camp, 24 Apr 2019, KEJ
Eucosma autumnana, **Lake of the Woods Co**, Norris Camp, 31 Aug 2019, KEJ
Eucosma montanana, **Lake of the Woods Co**, Norris Camp, 27 Jun 2019, KEJ, seldom encountered
Eucosma ochroterminana, **Isanti Co**, Sager's Swamp (1.5 mi W of Pine Brook), 2 Aug 2017, JS6
Eucosma olivaceana, **Kittson Co**, Caribou WMA, 27 Jun 2017, KEJ
Eucosma striatana, **Kittson Co**, Norway Dunes, 7 Aug 2017, KEJ
Grapholita interstinctana, **Lake of the Woods Co**, Norris Camp, 27 Jun 2019, KEJ
Notocelia culminana, **Kittson Co**, Lake Bronson State Park, 7 Aug 2017, KEJ
Olethreutes exoletum, **Sherburne Co**, Sherburne NWR/Mahnomen Trail, 21 Jun 2017, JS6
Pandemis lamprosana, **Kittson Co**, Lake Bronson State Park, 7 Aug 2017, KEJ
Pandemis limitata, **Cook Co**, 76 Walter Rd, Devil Track Lake, 15 Jul 2017, DBM
Pelochrista costastriata, **Sherburne Co**, Sherburne NWR/Mahnomen Trail, 1 Sep 2019, JS6
Pelochrista morrisoni, **Kittson Co**, Norway Dunes, 7 Aug 2017, KEJ
Pelochrista morrisoni, **Lake of the Woods Co**, Norris Camp, 4 Jul 2019, KEJ
Pelochrista palabundana, **Lake of the Woods Co**, Norris Camp, 31 Aug 2019, KEJ
Pseudexentera sepia, **Lake of the Woods Co**, Norris Camp, 24 Apr 2019, KEJ
Pseudogalleria inimicella, **Kittson Co**, Caribou WMA, 26 Jun 2017, KEJ
Rhyacionia adana, **Lake of the Woods Co**, Norris Camp, 24 Apr 2019, KEJ, 3 species of *Rhyacionia* at same site
Rhyacionia busckana, **Lake of the Woods Co**, Norris Camp, 24 Apr 2019, KEJ, 3 species of *Rhyacionia* at same site
Rhyacionia granti, **Lake of the Woods Co**, Norris Camp, 24 Apr 2019, KEJ, 3 species of *Rhyacionia* at same site
Sparganothis boweri, **Kittson Co**, Caribou WMA, 27 Jun 2017, KEJ
Sparganothis sulfureana, **Pine Co**, Fox Rd, 3 mi W of Hinckley, 26 Jun 2019, DBM, also Gary Hinds
Syndemis afflictana, **Cook Co**, 76 Walter Rd, Devil Track Lake, 3 Jun 2017, DBM

Uraniidae:

Callaeadapteryx dryopterata, **Pine Co**, Fox Rd, 3 mi W of Hinckley, 3 Jul 2019, DBM, also Gary Hinds

Ypsolophidae:

Ypsolopha dentella, **Kittson Co**, Lake Bronson State Park, 7 Aug 2017, KEJ

Wisconsin:

Argyresthiidae:

Argyresthia alternatella, **Pepin Co**, Lower Chippewa River Prairie & Savanna, 30 May 2019, KEJ

Autostichidae:

Oegoconia novimundi, **Oneida Co**, Rainbow Wetlands, 24 Jul 2017, KEJ

Carposinidae:

Bondia crescentella, **Iron Co**, Du Page Lake Peatlands, 25 May 2017, KEJ

Crambidae:

Argyria rufisignella, **Monroe Co**, Fort McCoy, 3 Jul 2017, KEJ
Crambus alienellus, **Vilas Co**, Nixon Creek Peatlands, 14 Jun 2017, KEJ
Crambus laqueatellus, **Monroe Co**, Fort McCoy, 27 May 2017, KEJ
Crambus lyonellus, **Iron Co**, Du Page Lake Peatlands, 24 Jul 2017, KEJ
Crambus unistriatellus, **Iron Co**, Frog Lake Pines & Peatlands, 24 Jul 2017, KEJ
Diacme adipaloides, **Jackson Co**, Glenn Creek Barrens, 22 May 2019, KEJ
Diathrausta reconditalis, **Monroe Co**, Fort McCoy, 3 Jul 2017, KEJ
Eoreuma crawfordi, **Monroe Co**, Fort McCoy, 3 Jul 2017, KEJ
Euchromius ocella, **Crawford Co**, Oak Coulee Woods, 1 Oct 2017, KEJ
Loxostege commixtalis, **Iron Co**, Du Page Lake Peatlands, 25 May 2017, KEJ
Loxostege commixtalis, **Vilas Co**, Nixon Creek Peatlands, 14 Jun 2017, KEJ
Microtheoris ophionalis, **Monroe Co**, Fort McCoy, 3 Jul 2017, KEJ, **State record**

Petrophila canadensis, **Iron Co**, Du Page Lake Peatlands, 24 Jul 2017, KEJ
Petrophila canadensis, **Oneida Co**, Rainbow Wetlands, 24 Jul 2017, KEJ
Prionapteryx achatina, **Monroe Co**, Fort McCoy, 3 Jul 2017, KEJ
Pyrausta laticlavata, **Monroe Co**, Fort McCoy, 3 Jul 2017, KEJ
Pyrausta unifascialis, **Monroe Co**, Fort McCoy, 27 May 2017, KEJ

Depressariidae:

Agonopterix nigrinotella, **Green Lake Co**, White River Marsh SWA, 1 Jan 2017, KEJ, hibernating under bark
Agonopterix nigrinotella, **Oconto Co**, Little Suamico, 1 Jan-27 Mar 2019, KEJ
Agonopterix paulae, **Green Lake Co**, White River Marsh SWA, 1 Jan 2017, KEJ, hibernating under bark
Agonopterix paulae, **Oconto Co**, Little Suamico, 16 Feb-2 Apr 2019, KEJ
Antaeotricha schlaegeri, **Pepin Co**, Lower Chippewa River Prairie & Savanna, 30 May 2019, KEJ
Depressaria cinereocostella, Crawford Co, Oak Coulee Woods, 9 Apr-9 May 2017, KEJ
Depressariodes ciniflonella, **Oconto Co**, Pongsegrau Lake, 22 Feb 2019, KEJ
Ethmia monticola, **Monroe Co**, Fort McCoy., 25-26 May 2019, KEJ
Ethmia zelleriella, **Crawford Co**, Oak Coulee Woods, 9 May 2017, KEJ
Gonioterma mistrella, Crawford Co, Oak Coulee Woods, 1 Oct 2017, KEJ
Machimia tentoriferella, **Kenosha Co**, Chiwaukee Prairie, 24 Sep 2019, SCB
Semioscopis aureorella, **Oconto Co**, Little Suamico, 16-20 Apr 2019, KEJ

Elachistidae:

Elachista orestella, **Monroe Co**, Fort McCoy, 3 Jul 2017, KEJ
Elachista orestella, **Oneida Co**, Rainbow Wetlands, 24 Jul 2017, KEJ

Epermeniidae:

Epermenia cicutatella, **Bayfield Co**, Moquah Barrens, 7 Jun 2019, KEJ

Erebidae:

Anticarsia gemmatalis, **Kenosha Co**, Kenosha Dunes SNA, 20 Oct 2017, LAF
Apantesis phyllira, Monroe Co, Fort McCoy, 27 May 2017, KEJ
Catocala badia coelebs, Bayfield Co, Clover Twp, 23 Aug 2017, LAF
Catocala cara, Kenosha Co, Chiwaukee Prairie, 24 Sep 2019, SCB
Catocala grynea, **Douglas Co**, Wisconsin Point woods, 25 Aug 2019, LAF
Catocala nebulosa, Crawford Co, Oak Coulee Woods, 23 Sep 2019, KEJ
Catocala nebulosa, Richland Co, LWRSWA Knapp Creek Unit, 26 Sep 2019, LAF
Catocala subnata, Crawford Co, Oak Coulee Woods, 23 Sep 2019, KEJ
Celiptera frustulum, Grant Co, Gasner Hollow SNA, 17 Sep 2017, LAF
Celiptera frustulum, Sauk Co, LWRSWA Bakken's Pond Unit, 19 Jun 2019, LAF
Cissusa spadix, Crawford Co, Oak Coulee Woods, 9 Apr 2017, KEJ
Cissusa spadix, Grant Co, Gasner Hollow SNA, 24 Apr 2019, LAF
Cissusa spadix, Jackson Co, Glenn Creek Barrens, 22 May 2019, KEJ
Cissusa spadix, **Monroe Co**, Fort McCoy, 25 May 2019, LAF
Crambidia pura, Monroe Co, Fort McCoy, 3 Jul 2017, KEJ
Crambidia pura, Richland Co, LWRSWA Lone Rock Unit, 14 Sep 2019, LAF
Ctenucha virginica, Vilas Co, Van Vliet Hemlocks SNA, 1696', 3.4mi SW of Presque Isle, 5 Jul 2019, EPO, 46.199667, -89.750722
Cycnia collaris, Monroe Co, Fort McCoy, 25 May 2019, LAF
Cycnia oregonensis, Bayfield Co, Moquah Barrens, 7 Jun 2019, KEJ
Estigmene acrea, **Pepin Co**, Lower Chippewa River Prairie & Savanna, 30 May 2019, KEJ
Grammia arge, **Pepin Co**, Lower Chippewa River Prairie & Savanna, 30 May 2019, KEJ
Grammia phyllira, Richland Co, LWRSWA Lone Rock Unit, 14 Sep 2019, LAF
Hyphenodes franclemonti, **Oneida Co**, Rainbow Wetlands, 24 Jul 2017, KEJ
Hypercompe scribonia, **Shawano Co**, Navarino SWA, 17 Jun 2017, LAF
Idia diminuendis, Monroe Co, Fort McCoy, 3 Jul 2017, KEJ
Lascoria ambigualis, **Shawano Co**, Navarino SWA, 17 Jun 2017, LAF
Lesmone detrahens, Kenosha Co, Chiwaukee Prairie, 24 Sep 2019, SCB
Lophocampa maculata, Vilas Co, Van Vliet Lake, 4 mi SW of Presque Isle, 1657', 30 Jun 2019, EPO, 46.189007, -89.758483
Macrochilo hypocritalis, Oneida Co, Rainbow Wetlands, 24 Jul 2017, KEJ
Macrochilo louisiana, **Shawano Co**, Navarino SWA, 17 Jun 2017, LAF
Melanomma auricinctaria, Sauk Co, LWRSWA Bakken's Pond Unit, 19 Jun 2019, LAF
Melipotis fasciolaris, **Crawford Co**, Oak Coulee Woods, 23 Sep 2019, KEJ, **State record**
Mocis texana, Monroe Co, Fort McCoy, 3 Jul 2017, KEJ
Orgyia antiqua, Iron Co, Du Page Lake Peatlands, 24 Jul 2017, KEJ
Parallela bistriaris, Vilas Co, Van Vliet Hemlocks SNA, 1696', 3.4mi SW of Presque Isle, 5 Jul 2019, EPO, 46.199667, -89.750722
Phalaenophana pyramusalis, **Dunn Co**, Dunnville Barrens., 30 May 2019, KEJ
Phragmatobia assimilans, Douglas Co, Summit Twp (Bog E of Hwy A), 11 Jun 2019, LAF
Phragmatobia assimilans, **Monroe Co**, Fort McCoy & Mather Bog, 25 May 2019, LAF
Phytometra ernestiana, Monroe Co, Fort McCoy, 27 May 2017, KEJ
Pygarctia spraguei, **Monroe Co**, Fort McCoy, 27 May-3 Jul 2017, KEJ
Pyrrharctia isabella, Vilas Co, Van Vliet Lake 4 mi SW of Presque Isle, 3-8 Jul 2017, EPO
Spilosoma dubia, Bayfield Co, Moquah Barrens, 6 Jun 2019, KEJ

Spilosoma dubia, Douglas Co, Summit Twp (Bog E of Hwy A), 11 Jun 2019, LAF
Tetanolita floridana, Grant Co, Gasner Hollow SNA & Cassville Bluffs SNA, 17 Sep 2017, LAF
Tetanolita floridana, **Richland Co**, LWRSWA Lone Rock Unit, 14 Sep 2019, LAF
Tetanolita mynesalis, **Crawford Co**, Oak Coulee Woods, 23 Sep 2019, KEJ
Tetanolita mynesalis, Crawford Co, Kettle Hollow Rd & Hwy 35, 26 Sep 2019, LAF
Tetanolita mynesalis, Kenosha Co, Chiwaukee Prairie, 24 Sep 2019, SCB
Tetanolita mynesalis, **Richland Co**, LWRSWA Knapp Creek Unit, 26 Sep 2019, LAF
Virbia lamae, Iron Co, Du Page Lake Peatlands, 24 Jul 2017, KEJ
Virbia lamae, Oneida Co, Rainbow Wetlands, 24 Jul 2017, KEJ
Zale aeruginosa, Iron Co, Du Page Lake Peatlands, 25 May 2017, KEJ
Zale duplicata, **Dunn Co**, Dunnville Barrens., 30 May 2019, KEJ
Zale duplicata, Monroe Co, Fort McCoy, 27 May 2017, KEJ
Zale duplicata, **Pepin Co**, Lower Chippewa River Prairie & Savanna, 30 May 2019, KEJ
Zale duplicata, Vilas Co, Nixon Creek Peatlands, 24 May 2017, KEJ
Zale helata, Oneida Co, Rainbow Wetlands, 26 May 2017, KEJ
Zale metatoides, Bayfield Co, Moquah Barrens, 6 Jun 2019, KEJ
Zale metatoides, **Dunn Co**, Dunnville Barrens., 30 May 2019, KEJ
Zale metatoides, Monroe Co, Fort McCoy, 27 May 2017, KEJ
Zale obliqua, Oneida Co, Rainbow Wetlands, 26 May 2017, KEJ
Zale obliqua, Vilas Co, Nixon Creek Peatlands, 24 May 2017, KEJ
Zale submediana, Bayfield Co, Moquah Barrens, 6 Jun 2019, KEJ
Zale submediana, Monroe Co, Fort McCoy., 23-26 May 2019, KEJ, abundant
Zale undularis, **Pepin Co**, Lower Chippewa River Prairie & Savanna, 30 May 2019, KEJ
Zanclognatha martha, Iron Co, Frog Lake Pines & Peatlands, 24 Jul 2017, KEJ

Euteliidae:

Marathyssa basalis, Dane Co, Swamp Lover's Preserve, 27 May 2019, KEJ
Marathyssa basalis, **Grant Co**, Gasner Hollow SNA & Cassville Bluffs SNA, 5 May 2017, LAF

Gelechiidae:

Aroga compositella, **Monroe Co**, Fort McCoy, 27 May 2017, KEJ
Arogalea cristifasciella, **Pepin Co**, Lower Chippewa River Prairie & Savanna, 30 May 2019, KEJ
Chionodes fondella, **Bayfield Co**, Moquah Barrens, 7 Jun 2019, KEJ
Dichomeris leuconotella, **Iron Co**, Du Page Lake Peatlands, 24 Jul 2017, KEJ
Dichomeris purpureofusca, **Monroe Co**, Fort McCoy, 27 May 2017, KEJ
Dichomeris vacciniella, **Bayfield Co**, Moquah Barrens, 6 Jun 2019, KEJ
Dichomeris ventrella, **Crawford Co**, Oak Coulee Woods, 9 Apr 2017, KEJ
Exoteleia pinifoliella, **Monroe Co**, Fort McCoy, 27 May 2017, KEJ
Gnorimoschema saphirinella, **Pepin Co**, Lower Chippewa River Prairie & Savanna, 30 May 2019, KEJ
Helcystogramma fernaldella, **Pepin Co**, Lower Chippewa River Prairie & Savanna, 30 May 2019, KEJ
Helcystogramma hystricella, Crawford Co, Oak Coulee Woods, 1 Oct 2017, KEJ
Telphusa longifasciella, **Dunn Co**, Dunnville Barrens., 30 May 2019, KEJ
Telphusa longifasciella, **Pepin Co**, Lower Chippewa River Prairie & Savanna, 30 May 2019, KEJ
Xenolechia velatella, **Jackson Co**, Glenn Creek Barrens, 22 May 2019, KEJ

Geometridae:

Acasis viridata, **Dunn Co**, Dunnville Barrens., 30 May 2019, KEJ
Acasis viridata, Iron Co, Du Page Lake Peatlands, 25 May 2017, KEJ
Acasis viridata, Oneida Co, Rainbow Wetlands, 26 May 2017, KEJ
Archiearis infans, Oconto Co, various locations throughout county, 8-20 Apr 2019, KEJ
Cleora projecta, Bayfield Co, Moquah Barrens, 7 Jun 2019, KEJ
Cleora projecta, Iron Co, Du Page Lake Peatlands, 25 May 2017, KEJ
Cleora projecta, **Monroe Co**, Mather Bog, 26 May 2017, LAF
Cleora projecta, Oneida Co, Rainbow Wetlands, 26 May 2017, KEJ
Cleora projecta, Vilas Co, Nixon Creek Peatlands, 24 May 2017, KEJ
Cleora sublunaria, Grant Co, Gasner Hollow & Cassville Bluffs SNAs, 24 Apr 2019, LAF
Cleora sublunaria, **Pepin Co**, Lower Chippewa River Prairie & Savanna, 30 May 2019, KEJ
Cleora sublunaria, **Richland Co**, LWRSWA Knapp Creek Unit, 24 Apr 2019, LAF
Coryphista meadii, **Oconto Co**, Little Suamico, 7 Oct 2019, KEJ
Coryphista meadii, Outagamie Co, Mosquito Hill, 25 Sep 2017, KEJ
Digrammia continuata, **Shawano Co**, Navarino SWA, 17 Jun 2017, LAF
Digrammia denticulata, Monroe Co, Fort McCoy, 27 May-3 Jul 2017, KEJ
Digrammia denticulata, Monroe Co, Fort McCoy., 25-26 May 2019, KEJ and LAF
Digrammia eremiata, Monroe Co, Fort McCoy, 27 May 2017, KEJ
Disclisioprocta stellata, **Crawford Co**, Leightner Hollow Rd & Hwy 35, 26 Sep 2019, LAF
Dyspteris abortivaria, **Shawano Co**, Navarino SWA, 17 Jun 2017, LAF
Epirrita autumnata, **Bayfield Co**, Clover Twp, 23 Aug-12 Oct 2017, LAF
Erannis tiliaria, Bayfield Co, Clover Twp, 23 Aug-12 Oct 2017, LAF
Erannis tiliaria, **Iron Co**, N of US Hwy 2 at CN Railroad, 12 Oct 2017, LAF

Euchlaena irraria, Shawano Co, Navarino SWA, 17 Jun 2017, LAF
Eulithis serrataria, Oneida Co, Rainbow Wetlands, 24 Jul 2017, KEJ
Eumacaria madopata, Bayfield Co, Moquah Barrens, 6 Jun 2019, KEJ
Eupithecia nimbicolor, Iron Co, Du Page Lake Peatlands, 25 May 2017, KEJ
Eupithecia nimbicolor, Oneida Co, Rainbow Wetlands, 23-26 May 2017, KEJ
Eupithecia nimbicolor, Vilas Co, Nixon Creek Peatlands, 24 May 2017, KEJ
Gueneria similaria, **Monroe Co**, Fort McCoy, 25 May 2019, LAF
Hethemia pistasciaria, Monroe Co, Fort McCoy, 27 May 2017, KEJ
Hethemia pistasciaria, Vilas Co, Nixon Creek Peatlands, 25 May 2017, KEJ
Hydrelia condensata, Bayfield Co, Moquah Barrens, 7 Jun 2019, KEJ
Hydriomena perfracta, Vilas Co, Nixon Creek Peatlands, 24 May 2017, KEJ
Idaea dimidiata, Dane Co, Lake Farm County Park, 26 Jun 2019, LAF
Isturgia dislocaria, Grant Co, Cassville Bluffs SNA, 5 May 2017, LAF
Isturgia dislocaria, **Pepin Co**, Lower Chippewa River Prairie & Savanna, 30 May 2019, KEJ
Lambdina fiscellaria, Crawford Co, Oak Coulee Woods, 1 Oct 2017, KEJ
Leucobrephos brephoides, **Oconto Co**, Thunder Mountain Barrens, 20 Apr 2019, KEJ
Lobocleta plemyraria, Monroe Co, Fort McCoy, 27 May-3 Jul 2017, KEJ
Lobocleta plemyraria, Monroe Co, Fort McCoy., 25-26 May 2019, KEJ, abundant
Macaria argillacearia, Iron Co, Frog Lake Pines & Peatlands, 24 Jul 2017, KEJ
Macaria occiduaria, Oneida Co, Rainbow Wetlands, 24 Jul 2017, KEJ
Macaria oweni, Ozaukee Co, Riveredge Nature Center, 14 Jun 2019, LAF
Metarranthis duaria, **Pepin Co**, Lower Chippewa River Prairie & Savanna, 30 May 2019, KEJ
Metarranthis warneri, **Douglas Co**, Solon Springs Barrens SNA, 11 Jun 2019, LAF
Orthofidonia tinctaria, Oneida Co, Rainbow Wetlands, 23 May 2017, KEJ
Orthonama evansi, **Shawano Co**, Navarino SWA, 17 Jun 2017, LAF
Pasiphila rectangulata, **Bayfield Co**, Clover Twp, 25 Jun 2017, LAF
Pasiphila rectangulata, **Douglas Co**, Summit Twp (Bog E of Hwy A), 11 Jun 2019, LAF
Pasiphila rectangulata, **Shawano Co**, Navarino SWA, 17 Jun 2017, LAF
Perizoma basaliata, Iron Co, Du Page Lake Peatlands, 24 Jul 2017, KEJ
Perizoma basaliata, Oneida Co, Rainbow Wetlands, 24 Jul 2017, KEJ
Phaeoura quernaria, Shawano Co, Navarino SWA, 17 Jun 2017, LAF
Phigalia strigataria, **Oconto Co**, Little Suamico, 20 Apr 2019, KEJ
Phigalia titea, **Oconto Co**, Little Suamico, 5-21 Apr 2019, KEJ
Problea amicaria, **Dunn Co**, Dunnville Barrens., 30 May 2019, KEJ
Psamatodes abydata, **Crawford Co**, Oak Coulee Woods, 23 Sep 2019, KEJ
Scopula ancillata, Monroe Co, Fort McCoy, 27 May 2017, KEJ
Selenia alciphearia, Iron Co, Du Page Lake Peatlands, 25 May 2017, KEJ
Tacparia atropunctata, Bayfield Co, Clover Twp, 26 Jun 2017, LAF
Tacparia detersata, Ozaukee Co, Riveredge Nature Center, 14 Jun 2019, LAF
Triphosa haesitata, **Oconto Co**, Little Suamico, 7 Oct 2019, KEJ

Glyphipterigidae:

Glyphipterix haworthana, Iron Co, Little Turtle Flowage Peatlands, 25 May 2017, KEJ
Glyphipterix haworthana, Vilas Co, White Sand Lake Peatlands, 24 May 2017, KEJ

Gracillariidae:

Caloptilia alnivorella, **Oconto Co**, Little Suamico, 14 Feb 2019, KEJ
Caloptilia hypericella, **Monroe Co**, Fort McCoy., 26 May 2019, KEJ
Caloptilia invariabilis, Bayfield Co, Moquah Barrens, 6 Jun 2019, KEJ
Caloptilia stigmatella, **Green Lake Co**, White River Marsh SWA, 1 Jan 2017, KEJ, hibernating under bark
Caloptilia vacciniella, Bayfield Co, Moquah Barrens, 7 Jun 2019, KEJ
Macrosaccus morrisella, **Green Lake Co**, White River Marsh SWA, 1 Jan 2017, KEJ, hibernating under bark
Macrosaccus morrisella, **Oconto Co**, Little Suamico, 1 Jan-14 Feb 2019, KEJ
Neurobathra strigifinitella, **Iron Co**, Frog Lake Pines & Peatlands, 24 Jul 2017, KEJ
Parectopa plantaginisella, **Dane Co**, Swamp Lover's Preserve, 27 May 2019, KEJ
Phyllonorycter apparella, **Green Lake Co**, White River Marsh SWA, 1 Jan 2017, KEJ, hibernating under bark
Phyllonorycter ledella, **Oneida Co**, Rainbow Wetlands, 26 May 2017, KEJ, **State record**
Provolnya quercinigrella, **Dunn Co**, Dunnville Barrens., 30 May 2019, KEJ
Provolnya quercinigrella, **Pepin Co**, Lower Chippewa River Prairie & Savanna, 30 May 2019, KEJ

Hepialidae:

Korscheltellus gracilis, Oneida Co, Rainbow Wetlands, 24 Jul 2017, KEJ

Hesperiidae:

Amblyscirtes vialis, **Pepin Co**, Lower Chippewa River Prairie & Savanna, 31 May 2019, KEJ
Anatrytone logan, Buffalo Co, Brunkow Prairies, 2 Jul 2017, KEJ
Ancyloxypha numitor, Jefferson Co, Ixonia, Keno Park, 21-31 Aug 2017, JAE
Ancyloxypha numitor, Jefferson Co, Sullivan, 10 Sep 2017, JAE
Atalopedes campestris, Waukesha Co, Okauchee, 17 Oct 2017, JAE
Atrytonopsis hianna, **Dunn Co**, Wallace Lake Barrens, 31 May 2019, KEJ

Atrytonopsis hianna, Monroe Co, Fort McCoy, 27 May 2017, KEJ
Atrytonopsis hianna, Monroe Co, Fort McCoy., 26 May 2019, KEJ, one freshly emerged male, delayed flight
Atrytonopsis hianna, **Pepin Co**, Lower Chippewa River Prairie & Savanna, 30 May 2019, KEJ
Epargyreus clarus, Waukesha Co, Okauchee, 23 Jun-26 Sep 2017, JAE
Erynnis persius, Eau Claire Co, Coon Fork Barrens., 30 May 2019, KEJ, also Kevin Taylor
Erynnis persius, Monroe Co, Fort McCoy, 27 May 2017, KEJ
Erynnis persius, Monroe Co, Fort McCoy., 23-26 May 2019, KEJ and LAF, abundant
Hesperia ottoe, Monroe Co, Fort McCoy, 3-4 Jul 2017, KEJ
Hesperia sassacus, Monroe Co, Fort McCoy, 27 May 2017, KEJ
Hylephila phyleus, Dane Co, Middleton, 16 Sep 2019, LAF
Hylephila phyleus, Waukesha Co, Okauchee, 20 Aug-21 Oct 2017, JAE
Poanes massasoit, Monroe Co, Fort McCoy, 3 Jul 2017, KEJ
Polites peckius, Waukesha Co, Oconomowoc, 19 Jun 2017, JAE

Lycaenidae:

Callophrys gryneus, Dave Co, Black Earth, 28 Jul 2017, LAF
Callophrys gryneus, **Dunn Co**, Dunnville Barrens., 30 May 2019, KEJ
Callophrys gryneus, **Pepin Co**, Lower Chippewa River Prairie & Savanna, 31 May 2019, KEJ
Callophrys henrici, **Iron Co**, Frog Lake Pines & Peatlands, 25 May 2017, KEJ
Callophrys henrici, Jackson Co, Millston, 22 May 2019, KEJ
Callophrys polios, Eau Claire Co, Coon Fork Barrens., 30 May 2019, KEJ, also Kevin Taylor
Callophrys polios, Vilas Co, Nixon Creek Peatlands, 25 May 2017, KEJ
Callophrys polios, Washburn Co, Totagatic Barrens, 12 May 2017, KEJ
Celastrina neglecta, Waukesha Co, Okauchee, 24 Jun-24 Aug 2017, JAE
Glaucopsyche lygdamus, **Dunn Co**, Caryville Savanna, 30 May 2019, KEJ
Glaucopsyche lygdamus, **Pepin Co**, Lower Chippewa River Prairie & Savanna, 31 May 2019, KEJ
Lycaena dorcas, Iron Co, Du Page Lake Peatlands, 24 Jul 2017, KEJ
Lycaena epixanthe, Iron Co, Du Page Lake Peatlands, 24 Jul 2017, KEJ
Lycaena epixanthe, Oneida Co, Rainbow Wetlands, 24 Jul 2017, KEJ

Mimallonidae:

Cicinnus melsheimeri, **Shawano Co**, Navarino SWA, 17 Jun 2017, KEJ

Noctuidae:

Acronicta americana, Vilas Co, Van Vliet Hemlocks SNA, 1696', 3.4mi SW of Presque Isle, 5 Jul 2019, EPO, 46.199667, -89.750722
Acronicta dactylina, Vilas Co, Van Vliet Hemlocks SNA, 1696', 3.4mi SW of Presque Isle, 5 Jul 2019, EPO, 46.199667, -89.750722
Acronicta falcula, Bayfield Co, Moquah Barrens, 7 Jun 2019, KEJ
Acronicta falcula, Monroe Co, Fort McCoy, 27 May 2017, KEJ
Acronicta falcula, Monroe Co, Fort McCoy., 25 May 2019, KEJ
Acronicta innotata, Vilas Co, Van Vliet Lake, 4 mi SW of Presque Isle, 1657', 30 Jun 2019, EPO, 46.189007, -89.758483
Acronicta lanceolaria, **Bayfield Co**, Moquah Barrens, 7 Jun 2019, KEJ
Acronicta lithospila, **Monroe Co**, Fort McCoy, 25 May 2019, LAF
Acronicta longa, Bayfield Co, Moquah Barrens, 7 Jun 2019, KEJ
Acronicta morula, **Pepin Co**, Lower Chippewa River Prairie & Savanna, 30 May 2019, KEJ
Acronicta noctivaga, **Monroe Co**, Fort McCoy, 25 May 2019, LAF
Acronicta quadrata, Bayfield Co, Moquah Barrens, 6 Jun 2019, KEJ
Acronicta sperata, Bayfield Co, Moquah Barrens, 6 Jun 2019, KEJ
Acronicta sperata, Monroe Co, Fort McCoy, 27 May 2017, KEJ
Acronicta tritona, Bayfield Co, Moquah Barrens, 6 Jun 2019, KEJ
Actebia fennica, **Douglas Co**, Wisconsin Point woods, 25 Aug 2019, LAF
Agnorisma bugrai, Kenosha Co, Chiwaukee Prairie, 24 Sep 2019, SCB
Agrotis stigmata, **Dunn Co**, Dunnville Barrens., 30 May 2019, KEJ
Agrotis vetusta, **Richland Co**, LWRSWA Lone Rock Unit, 14 Sep 2019, LAF
Agrotis volubilis, Bayfield Co, Moquah Barrens, 6 Jun 2019, KEJ
Agrotis volubilis, Monroe Co, Fort McCoy, 27 May 2017, KEJ
Alypia octomaculata, **Pepin Co**, Lower Chippewa River Prairie & Savanna, 30 May 2019, KEJ
Anicla tenuescens, Monroe Co, Fort McCoy., 25-26 May 2019, KEJ
Apamea burgessi, **Richland Co**, LWRSWA Lone Rock Unit, 14 Sep 2019, LAF
Apamea unanimitis, **Bayfield Co**, Port Wing Boreal Forest SNA, 25-26 Jun 2017, LAF
Apamea vultuosa, Bayfield Co, Port Wing Boreal Forest SNA, 25 Jun 2017, LAF
Aplectoides condita, Bayfield Co, Clover Twp, 25 Jun 2017, LAF
Bellura obliqua, **Vilas Co**, Van Vliet Hemlocks SNA, 1696', 3.4mi SW of Presque Isle, 5 Jul 2019, EPO, 46.199667, -89.750722
Bellura vulnifica, **Douglas Co**, Summit Twp (Bog E of Hwy A), 11 Jun 2019, LAF
Capis curvata, **Shawano Co**, Navarino SWA, 17 Jun 2017, LAF
Capsula laeta, **Bayfield Co**, Clover Twp., 25 Aug 2019, LAF
Cerastis fishii, Bayfield Co, Moquah Barrens, 7 Jun 2019, KEJ
Cerastis fishii, Iron Co, Du Page Lake Peatlands, 25 May 2017, KEJ
Cerastis fishii, Oneida Co, Rainbow Wetlands, 26 May 2017, KEJ
Cerastis fishii, Vilas Co, Nixon Creek Peatlands, 24 May 2017, KEJ

Cerma cora, Dane Co, Swamp Lover's Preserve, 27 May 2019, KEJ
Cerma cora, Monroe Co, Fort McCoy, 25 May 2019, LAF
Charadra deridens, Vilas Co, Van Vliet Hemlocks SNA, 1696', 3.4mi SW of Presque Isle, 5 Jul 2019, EPO, 46.199667, -89.750722
Chloridea virescens, Outagamie Co, Mosquito Hill, 25 Sep 2017, KEJ
Chrysodexeis includens, Kenosha Co, Chiwaukee Prairie, 24 Sep 2019, SCB
Chrysodexeis includens, Outagamie Co, Mosquito Hill, 25 Sep 2017, KEJ
Coanarta luteola, Vilas Co, Nixon Creek Peatlands, 25 May 2017, KEJ
Coanarta luteola, Washburn Co, Lost Lake Bog, 12 May 2017, KEJ
Condica sutor, Bayfield Co, Clover Twp, 12 Oct 2017, LAF
Conservula anodonta, Iron Co, Du Page Lake Peatlands, 24 Jul 2017, KEJ
Ctenoplusia oxygramma, Kenosha Co, Chiwaukee Prairie, 24 Sep 2019, SCB
Cucullia intermedia, Pepin Co, Lower Chippewa River Prairie & Savanna, 30 May 2019, KEJ
Elaphria alapallida, Kenosha Co, Chiwaukee Prairie, 24 Sep 2019, SCB
Elaphria georgei, Monroe Co, Fort McCoy., 25-26 May 2019, KEJ and LAF
Elaphria grata, Kenosha Co, Chiwaukee Prairie, 24 Sep 2019, SCB
Epiglaea apiata, Outagamie Co, Mosquito Hill, 25 Sep 2017, KEJ
Eupsilia devia, Green Lake Co, White River Marsh SWA, 6 Mar 2017, KEJ
Eupsilia devia, Oconto Co, Little Suamico, 5-16 Apr 2019, KEJ
Eupsilia morrisoni, Oconto Co, Little Suamico, 1 Jan & 26 Dec 2019, KEJ, 1 Jan record found hibernating in leaf litter around tree base, first report of overwintering microhabitat
Eupsilia schweitzeri, Dane Co, Swamp Lover's Preserve, 21 Jan 2017, KEJ, at bait
Eupsilia schweitzeri, Green Lake Co, White River Marsh SWA, 6 Mar 2017, KEJ
Eupsilia schweitzeri, Oconto Co, Little Suamico, 19 Mar-8 Apr 2019, KEJ
Euretagrotis attentus, Oneida Co, Rainbow Wetlands, 24 Jul 2017, KEJ
Euretagrotis perattentus, Bayfield Co, Port Wing Boreal Forest SNA, 25 Jun 2017, LAF
Euretagrotis perattentus, Shawano Co, Navarino SWA, 17 Jun 2017, LAF
Euxoa niveilinea, Richland Co, LWRSWA Lone Rock Unit, 14 Sep 2019, LAF
Euxoa ochrogaster, Bayfield Co, Clover Twp., 25 Aug 2019, LAF
Euxoa ochrogaster, Douglas Co, Wisconsin Point Beach/dunes, 25 Aug 2019, LAF
Feltia manifesta, Monroe Co, Fort McCoy., 25-26 May 2019, KEJ and LAF, SCB, Robyn Nielsen, 2nd WI population, common
Feltia tricoso, Douglas Co, Wisconsin Point woods, 25 Aug 2019, LAF
Feralia comstocki, Iron Co, Du Page Lake Peatlands, 25 May 2017, KEJ
Feralia jocosa, Oconto Co, Little Suamico, 21 Apr 2019, KEJ
Hadena capsularis, Douglas Co, Solon Springs Barrrens SNA, 11 Jun 2019, LAF
Hadena capsularis, Monroe Co, Fort McCoy, 27 May 2017, KEJ
Hadena capsularis, Monroe Co, Fort McCoy, 25 May 2019, LAF
Hadena capsularis, Pepin Co, Lower Chippewa River Prairie & Savanna, 30 May 2019, KEJ
Heliothis acesias, Monroe Co, Fort McCoy, 27 May 2017, KEJ
Heliothis borealis, Iron Co, Frog Lake Pines & Peatlands, 25 May 2017, KEJ
Hemipachnobia monochromatea, Monroe Co, Mather Bog, 26 May 2019, LAF
Hemipachnobia monochromatea, Shawano Co, Navarino SWA, 17 Jun 2017, KEJ
Hydraecia stramentosa, Grant Co, Gasner Hollow SNA, 17 Sep 2017, LAF
Homoglaea hircina, Green Lake Co, White River Marsh SWA, 6 Mar 2017, KEJ
Homoglaea hircina, Oconto Co, Little Suamico, 21 Mar-20 Apr 2019, KEJ
Hydraecia micacea, Douglas Co, Wisconsin Point woods, 25 Aug 2019, LAF
Hyperstrotia nana, Richland Co, LWRSWA Lone Rock Unit, 19 Jun 2019, LAF
Hyperstrotia secta, Monroe Co, Fort McCoy, 3 Jul 2017, KEJ
Iodopepla u-album, Juneau Co, Meadow Valley, 26 May 2019, LAF
Iodopepla u-album, Monroe Co, bog SW of Mather, 26 May 2019, LAF
Lemmeria digitalis, Richland Co, LWRSWA Knapp Creek Unit, 26 Sep 2019, LAF
Leucania adjuta, Crawford Co, Oak Coulee Woods, 9 Apr 2017, KEJ
Leucania adjuta, Kenosha Co, Chiwaukee Prairie, 24 Sep 2019, SCB
Leucania amygdalina, Pepin Co, Lower Chippewa River Prairie & Savanna, 30 May 2019, KEJ
Lithophane amanda, Juneau Co, Meadow Valley, 26 May 2019, LAF
Lithophane disposita, Grant Co, Cassville Bluffs SNA, 24 Apr 2019, LAF
Lithophane disposita, Oconto Co, Little Suamico, 5 Apr 2019, KEJ
Lithophane fagina, Oconto Co, Little Suamico, 5 Apr 2019, KEJ
Lithophane franclemonti, Crawford Co, Oak Coulee Woods, 9 Apr 2017, KEJ
Lithophane oriunda, Crawford Co, Oak Coulee Woods, 9 Apr 2017, KEJ
Lithophane oriunda, Oconto Co, Little Suamico, 28 Mar-8 Apr 2019, KEJ
Lithophane patefacta, Green Lake Co, White River Marsh SWA, 6 Mar 2017, KEJ
Lithophane patefacta, Oconto Co, Little Suamico, 27 Mar-20 Apr 2019, KEJ
Lithophane scottae, Grant Co, Millville Twp (Baxter Lane), 24 Apr 2019, LAF
Lithophane semiusta, Oconto Co, Little Suamico, 2 Apr 2019, KEJ
Lithophane tepida, Bayfield Co, Moquah Barrrens, 7 Jun 2019, KEJ, rather late
Magusa divaricata, Bayfield Co, Clover Twp & FR 698 N of Hwy C, 12 Oct 2017, LAF

Magusa divaricata, Kenosha Co, Chiwaukee Prairie, 24 Sep 2019, SCB
Megalographa biloba, Kenosha Co, Chiwaukee Prairie, 24 Sep 2019, SCB
Melanchra assimils, Bayfield Co, Port Wing Boreal Forest SNA, 25 Jun 2017, LAF
Melanchra pulverulenta, Bayfield Co, Clover Twp, 26 Jun 2017, LAF
Morrisonia latex, **Pepin Co**, Lower Chippewa River Prairie & Savanna, 30 May 2019, KEJ
Oligia obtusa, Douglas Co, Wisconsin Point Beach/dunes, 25 Aug 2019, LAF
Orthosia alurina, **Oconto Co**, Little Suamico, 21 Apr 2019, KEJ
Pachypollia atricornis, **Crawford Co**, Oak Coulee Woods, 1 Oct 2017, KEJ
Panthea acronyctoides, **Ozaukee Co**, Riveredge Nature Center, 14 Jun 2019, LAF
Panthea furcilla, **Dunn Co**, Dunnville Barrens., 30 May 2019, KEJ
Papaipema appassionata, Bayfield Co, Clover Twp., 25 Aug 2019, LAF
Papaipema aweme, Bayfield Co, Clover Twp., 25 Aug 2019, LAF
Papaipema birdi, Outagamie Co, Mosquito Hill, 25 Sep 2017, KEJ, at bait
Papaipema cerina, **Winnebago Co**, Koro Railroad Prairie, 24 Sep 2017, KEJ
Papaipema eupatorii, **Grant Co**, Gasner Hollow SNA & Millville Twp (Baxter Lane), 26 Sep 2019, LAF
Papaipema eupatorii, **Iron Co**, N of US Hwy 2 at CN Railroad, 12 Oct 2017, LAF
Papaipema eupatorii, Richland Co, LWRSWA Knapp Creek Unit, 26 Sep 2019, LAF
Papaipema inquaesita, Kenosha Co, Chiwaukee Prairie, 24 Sep 2019, SCB
Papaipema insulidens birdi, Grant Co, Cassville Bluffs SNA, 17 Sep 2017, LAF
Papaipema leucostigma, **Crawford Co**, Oak Coulee Woods, 23 Sep 2019, KEJ
Papaipema marginidens, Crawford Co, Oak Coulee Woods, 1 Oct 2017, KEJ
Papaipema marginidens, Crawford Co, Oak Coulee Woods, 23 Sep 2019, KEJ
Papaipema marginidens, Crawford Co, Kettle Hollow & Leightner Hollow Rds off Hwy 35, 26 Sep 2019, LAF
Papaipema marginidens, **Grant Co**, Gasner Hollow SNA, 17 Sep 2017, LAF, verified by Jim Wiker
Papaipema marginidens, Grant Co, Gasner Hollow SNA, 26 Sep 2019, LAF
Papaipema marginidens, Richland Co, LWRSWA Knapp Creek Unit, 26 Sep 2019, LAF
Papaipema necopina, Grant Co, Gasner Hollow SNA & Cassville Bluffs SNA, 17 Sep 2017, LAF
Papaipema rutila, **Crawford Co**, Oak Coulee Woods, 1 Oct 2017, KEJ
Papaipema rutila, Crawford Co, Oak Coulee Woods, 23 Sep 2019, KEJ
Papaipema rutila, Crawford Co, Leightner Hollow Rd & Hwy 35, 26 Sep 2019, LAF
Papaipema rutila, Grant Co, Gasner Hollow SNA, 26 Sep 2019, LAF
Papaipema sciata, Crawford Co, Oak Coulee Woods, 1 Oct 2017, KEJ
Papaipema sciata, Crawford Co, Leightner Hollow Rd & Hwy 35, 26 Sep 2019, LAF
Papaipema sciata, **Grant Co**, Gasner Hollow SNA, 17 Sep 2017, LAF
Papaipema sciata, **Outagamie Co**, Mosquito Hill, 25 Sep 2017, KEJ
Papaipema sciata, **Winnebago Co**, Koro Railroad Prairie, 24 Sep 2017, KEJ
Papaipema unimoda, Bayfield Co, Clover Twp, 12 Oct 2017, LAF
Papestra quadrata, Bayfield Co, Moquah Barrens, 6 Jun 2019, KEJ
Paradiarsia littoralis, **Bayfield Co**, Clover Twp, 26 Jun 2017, LAF
Phosphila turbulenta, **Sauk Co**, LWRSWA Bakken's Pond Unit, 19 Jun 2019, LAF
Photedes inops, Kenosha Co, Chiwaukee Prairie, 24 Sep 2019, SCB
Photedes panatela, Bayfield Co, Clover Twp, 26 Jun 2017, LAF
Photedes panatela, **Shawano Co**, Navarino SWA, 17 Jun 2017, LAF
Plusia magnimacula, Bayfield Co, Clover Twp., 25 Aug 2019, LAF
Plusia venusta, Iron Co, Du Page Lake Peatlands, 24 Jul 2017, KEJ
Polia imbrifera, Iron Co, Frog Lake Pines & Peatlands, 24 Jul 2017, KEJ
Ponometia tortricina, Monroe Co, Fort McCoy, 27 May-3 Jul 2017, KEJ
Ponometia tortricina, Monroe Co, Fort McCoy., 25 May 2019, KEJ
Protorthodes oviduca, **Pepin Co**, Lower Chippewa River Prairie & Savanna, 30 May 2019, KEJ
Psaphida rolandi, Dane Co, Middleton, 4 Mar 2017, LAF, early record
Psaphida rolandi, **Oconto Co**, Little Suamico, 28 Mar-21 Apr 2019, KEJ
Pyreferra pettiti, **Oconto Co**, Little Suamico, 27 Mar 2019, KEJ
Pyrrhia cilisca, Bayfield Co, Moquah Barrens, 7 Jun 2019, KEJ
Pyrrhia exprimens, Bayfield Co, Moquah Barrens, 6 Jun 2019, KEJ
Schinia lucens, Monroe Co, Fort McCoy, 3 Jul 2017, KEJ
Schinia obscurata, **Richland Co**, LWRSWA Lone Rock Unit, 19 Jun 2019, LAF
Schinia septentrionalis, Kenosha Co, Chiwaukee Prairie, 24 Sep 2019, SCB
Sideridis congermana, **Monroe Co**, Fort McCoy., 25 May 2019, KEJ
Sideridis rosea, **Dunn Co**, Lower Chippewa River Prairie & Savanna, 30 May 2019, KEJ
Sideridis rosea, **Pepin Co**, Lower Chippewa River Prairie & Savanna, 30 May 2019, KEJ
Sutyra privata, **Kenosha Co**, Chiwaukee Prairie, 24 Sep 2019, SCB
Sympistis badistriga, **Columbia Co**, Lost Lake SNA, 22 Jul 2017, LAF
Sympistis chionanthi, Crawford Co, Oak Coulee Woods, 1 Oct 2017, KEJ
Sympistis riparia, Monroe Co, Fort McCoy, 3 Jul 2017, KEJ
Syngrapha microgramma, Douglas Co, Summit Twp (Bog E of Hwy A), 11 Jun 2019, LAF
Syngrapha microgramma, Vilas Co, Nixon Creek Peatlands, 14 Jun 2017, KEJ

Syngrapha viridisigma, Iron Co, Frog Lake Pines & Peatlands, 24 Jul 2017, KEJ
Trichordestra tacoma, Bayfield Co, Moquah Barrens, 6 Jun 2019, KEJ
Trichordestra tacoma, Douglas Co, Solon Springs Barrens SNA, 11 Jun 2019, LAF
Trichordestra tacoma, Iron Co, Du Page Lake Peatlands, 25 May 2017, KEJ
Ulolonche culea, Monroe Co, Fort McCoy, 27 May 2017, KEJ
Ulolonche culea, **Pepin Co**, Lower Chippewa River Prairie & Savanna, 30 May 2019, KEJ
Ulolonche modesta, **Dunn Co**, Dunnville Barrens., 30 May 2019, KEJ
Ulolonche modesta, Monroe Co, Fort McCoy, 27 May 2017, KEJ
Ulolonche modesta, **Pepin Co**, Lower Chippewa River Prairie & Savanna, 30 May 2019, KEJ
Xestia dilucida, **Sauk Co**, LWRSWA Bakken's Pond Unit, 14 Sep 2019, LAF
Xestia praevia, Iron Co, Frog Lake Pines & Peatlands, 24 Jul 2017, KEJ
Xylena nupera, **Crawford Co**, Oak Coulee Woods, 23 Sep 2019, KEJ

Nolidae:

Baileya levitans, Crawford Co, Oak Coulee Woods, 9 May 2017, KEJ
Meganola minuscula, **Dunn Co**, Lower Chippewa River Prairie & Savanna, 30 May 2019, KEJ
Nola triquetrana, **Oconto Co**, Little Suamico, 21 Apr 2019, KEJ

Notodontidae:

Clostera strigosa, **Juneau Co**, Meadow Valley, 26 May 2019, LAF
Clostera strigosa, **Ozaukee Co**, Riveredge Nature Center, 14 Jun 2019, LAF
Furcula borealis, Iron Co, Frog Lake Pines & Peatlands, 24 Jul 2017, KEJ
Furcula modesta, **Pepin Co**, Lower Chippewa River Prairie & Savanna, 30 May 2019, KEJ
Heterocampa subrotata, **Pepin Co**, Lower Chippewa River Prairie & Savanna, 30 May 2019, KEJ
Heterocampa subrotata, **Sauk Co**, LWRSWA Bakken's Pond Unit, 19 Jun 2019, LAF
Nadata gibbosa, Vilas Co, Van Vliet Hemlocks SNA, 1696', 3.4mi SW of Presque Isle, 5 Jul 2019, EPO, 46.199667, -89.750722
Nerice bidentata, **Dunn Co**, Dunnville Barrens., 30 May 2019, KEJ
Peridea basitriens, Vilas Co, Van Vliet Lake, 4 mi SW of Presque Isle, 1657', 30 Jun 2019, EPO, 46.189007, -89.758483
Peridea ferruginea, Vilas Co, Van Vliet Hemlocks SNA, 1696', 3.4mi SW of Presque Isle, 5 Jul 2019, EPO, 46.199667, -89.750722
Pheosia rimoso, Vilas Co, Van Vliet Hemlocks SNA, 1696', 3.4mi SW of Presque Isle, 5 Jul 2019, EPO, 46.199667, -89.750722

Nymphalidae:

Asterocampa celtis, Buffalo Co, Brunkow Prairies, 2 Jul 2017, KEJ
Boloria eunomia, Vilas Co, Johnson Creek Peatlands, 14 Jun 2017, KEJ
Boloria freija, Iron Co, Little Turtle Flowage Peatlands, 25 May 2017, KEJ
Chlosyne gorgone, Dunn Co, Wallace Lake Barrens, 31 May 2019, KEJ, common
Chlosyne gorgone, Eau Claire Co, Coon Fork Barrens., 30 May 2019, KEJ, also Kevin Taylor
Chlosyne gorgone, Monroe Co, Fort McCoy, 25 May 2019, LAF
Chlosyne harrisii, Vilas Co, Nixon Creek Peatlands, 14 Jun 2017, KEJ
Danaus plexippus, Dane Co, Middleton, 15 May 2017, LAF
Danaus plexippus, Jefferson Co, Sullivan, 15 May-5 Oct 2017, JAE
Euptoieta claudia, Bayfield Co, Moquah Barrens, 7 Jun 2019, KEJ
Junonia coenia, Waukesha Co, Okauchee, 19 Jun-8 Oct 2017, JAE
Lethe anthedon, Vilas Co, Van Vliet Hemlocks SNA, 1696', 3.4mi SW of Presque Isle, 5 Jul 2019, EPO, 46.199667, -89.750722
Limenitis archippus, Waukesha Co, Okauchee, 3 Jun-2 Aug 2017, JAE
Limenitis arthemis arthemis, Vilas Co, Van Vliet Lake 4 mi SW of Presque Isle, 3-8 Jul 2017, EPO
Limenitis arthemis astyanax, Waukesha Co, Okauchee, 26 Jul-16 Aug 2017, JAE
Oeneis jutta, Iron Co, Du Page Lake Peatlands, 14 Jun 2017, KEJ
Phyciodes tharos, Waukesha Co, Oconomowoc, 19 Jun 2017, JAE
Polygonia faunus, Oconto Co, Thunder Mountain Barrens, 20 Apr 2019, KEJ
Polygonia interrogationis, Waukesha Co, Okauchee, 1 Jun-18 Jul 2017, JAE
Speyeria idalia, Monroe Co, Fort McCoy, 3-4 Jul 2017, KEJ
Vanessa atalanta, Dane Co, Middleton, 15 Apr 2017, LAF
Vanessa atalanta, Jefferson Co, Sullivan, 11-27 Jun 2017, JAE
Vanessa cardui, Dane Co, Middleton, 15 Apr 2017, LAF
Vanessa cardui, Hardy Co, South ridge, Big Schloss, 23 Sep 2017, PT1, dozens, fresh
Vanessa cardui, Waukesha Co, Okauchee, 24 Jun-21 Oct 2017, JAE
Vanessa virginiensis, Dane Co, Middleton, 17 Apr 2017, LAF
Vanessa virginiensis, Hardy Co, South ridge, Big Schloss, 23 Sep 2017, PT1, fresh

Oecophoridae:

Decantha boreasella, **Monroe Co**, Fort McCoy, 3 Jul 2017, KEJ

Papilionidae:

Papilio canadensis, Vilas Co, Van Vliet Lake, 4 mi SW of Presque Isle, 1657', 30 Jun 2019, EPO, 46.189007, -89.758483
Papilio cressphontes, Jefferson Co, Sullivan, 11 Jun-19 Aug 2017, JAE
Papilio glaucus, Jefferson Co, Sullivan, 13 May-28 Aug 2017, JAE
Papilio polyxenes asterius, Waukesha Co, Okauchee, 15 May-28 Sep 2017, JAE

Pieridae:

Colias philodice, Waukesha Co, Hartland, 16 May-3 Nov 2017, JAE
Pyrisitia lisa, Crawford Co, Oak Coulee Woods, 24 Sep 2019, KEJ

Psychidae:

Psyche casta, **Oconto Co**, Little Suamico, 1 Jan-14 Feb 2019, KEJ
Siederia walshella, **Oconto Co**, Little Suamico, 1 Jan-14 Feb 2019, KEJ

Pterophoridae:

Platyptilia carduidactylus, **Crawford Co**, Oak Coulee Woods, 9 Apr 2017, KEJ

Pyralidae:

Ambesa laetella, **Monroe Co**, Fort McCoy, 3 Jul 2017, KEJ, **State record**
Bandera binotella, **Monroe Co**, Fort McCoy, 3 Jul 2017, KEJ
Coenochroa bipunctella, **Monroe Co**, Fort McCoy, 3 Jul 2017, KEJ
Pococera expandens, **Pepin Co**, Lower Chippewa River Prairie & Savanna, 30 May 2019, KEJ
Sciota tarmitalis, **Bayfield Co**, Moquah Barrens, 6 Jun 2019, KEJ
Sciota tarmitalis, **Dunn Co**, Lower Chippewa River Prairie & Savanna, 30 May 2019, KEJ
Tulsa finitella, **Bayfield Co**, Moquah Barrens, 6 Jun 2019, KEJ

Saturniidae:

Actias luna, **Dunn Co**, Dunnville Barrens., 30 May 2019, KEJ
Actias luna, **Vilas Co**, Van Vliet Lake 4 mi SW of Presque Isle, 3-8 Jul 2017, EPO
Actias luna, Vilas Co, Van Vliet Lake, 4 mi SW of Presque Isle, 1657', 30 Jun 2019, EPO, 46.189007, -89.758483
Antheraea polyphemus, Vilas Co, Van Vliet Hemlocks SNA, 1696', 3.4mi SW of Presque Isle, 5 Jul 2019, EPO, 46.199667, -89.750722
Automeris io, **Pepin Co**, Lower Chippewa River Prairie & Savanna, 30 May 2019, KEJ
Dryocampa rubicunda, Vilas Co, Van Vliet Hemlocks SNA, 1696', 3.4mi SW of Presque Isle, 5 Jul 2019, EPO, 46.199667, -89.750722
Hyalophora cecropia, Bayfield Co, Moquah Barrens, 7 Jun 2019, KEJ

Sesiidae:

Sesia tibiale, **Iron Co**, Frog Lake Pines & Peatlands, 25 Jul 2017, KEJ
Sesia tibiale, **Oneida Co**, Rainbow Wetlands, 24 Jul 2017, KEJ
Synanthedon acerni, **Iron Co**, Du Page Lake Peatlands, 24 Jul 2017, KEJ

Sphingidae:

Ceratonia amyntor, Vilas Co, Van Vliet Lake, 4 mi SW of Presque Isle, 1657', 30 Jun 2019, EPO, 46.189007, -89.758483
Ceratonia undulosa, Vilas Co, Van Vliet Hemlocks SNA, 1696', 3.4mi SW of Presque Isle, 5 Jul 2019, EPO, 46.199667, -89.750722
Deidamia inscripta, **Dunn Co**, Lower Chippewa River Prairie & Savanna, 30 May 2019, KEJ
Deidamia inscripta, **Pepin Co**, Lower Chippewa River Prairie & Savanna, 30 May 2019, KEJ
Erinnyis obscura, **Kenosha Co**, Bong SRA, 21 Sep 2017, KEJ, leg. Steve Bransky
Hemaris gracilis, Bayfield Co, Moquah Barrens, 7 Jun 2019, KEJ, normally scarce, but common here
Hyles euphorbiae, **Monroe Co**, Fort McCoy, 27 May-3 Jul 2017, KEJ
Hyles euphorbiae, Monroe Co, Fort McCoy, 25 May 2019, LAF
Hyles lineata, Kenosha Co, Chippewa Prairie, 24 Sep 2019, SCB
Lapara bombycoides, Vilas Co, Van Vliet Hemlocks SNA, 1696', 3.4mi SW of Presque Isle, 5 Jul 2019, EPO, 46.199667, -89.750722
Pachysphinx modesta, **Vilas Co**, Van Vliet Lake 4 mi SW of Presque Isle, 3-8 Jul 2017, EPO
Pachysphinx modesta, Vilas Co, Van Vliet Hemlocks SNA, 1696', 3.4mi SW of Presque Isle, 5 Jul 2019, EPO, 46.199667, -89.750722
Paonias excaecata, Vilas Co, Van Vliet Hemlocks SNA, 1696', 3.4mi SW of Presque Isle, 5 Jul 2019, EPO, 46.199667, -89.750722
Paonias myops, Vilas Co, Van Vliet Hemlocks SNA, 1696', 3.4mi SW of Presque Isle, 5 Jul 2019, EPO, 46.199667, -89.750722
Sphecodina abbottii, **Pepin Co**, Lower Chippewa River Prairie & Savanna, 30 May 2019, KEJ
Sphinx canadensis, Iron Co, Frog Lake Pines & Peatlands, 24 Jul 2017, KEJ
Sphinx drupiferarum, Bayfield Co, Moquah Barrens, 6 Jun 2019, KEJ
Sphinx drupiferarum, Monroe Co, Fort McCoy., 26 May 2019, KEJ
Sphinx kalmiae, **Vilas Co**, Van Vliet Lake 4 mi SW of Presque Isle, 3-8 Jul 2017, EPO
Sphinx luscitiosa, Bayfield Co, Moquah Barrens, 7 Jun 2019, KEJ
Sphinx poecila, **Pepin Co**, Lower Chippewa River Prairie & Savanna, 30 May 2019, KEJ
Sphinx poecila, Vilas Co, Van Vliet Hemlocks SNA, 1696', 3.4mi SW of Presque Isle, 5 Jul 2019, EPO, 46.199667, -89.750722

Thyrididae:

Thyris maculata, **Monroe Co**, Fort McCoy, 3 Jul 2017, KEJ

Tineidae:

Scardia anatomella, **Dane Co**, Swamp Lover's Preserve, 27 May 2019, KEJ

Tischeriidae:

Coptotriche citrinipennella, **Monroe Co**, Fort McCoy., 26 May 2019, KEJ

Tortricidae:

Acleris bowmanana, **Oconto Co**, Little Suamico, 5-8 Apr 2019, KEJ
Acleris cellana, **Oconto Co**, Little Suamico, 16 Apr 2019, KEJ
Acleris curvalana, **Iron Co**, Frog Lake Pines & Peatlands, 24 Jul 2017, KEJ
Acleris forbesana, **Green Lake Co**, White River Marsh SWA, 6 Mar 2017, KEJ
Acleris minuta, **Monroe Co**, Fort McCoy, 3 Jul 2017, KEJ
Acleris nivisellana, **Vilas Co**, Nixon Creek Peatlands, 24 May 2017, KEJ
Acleris ptychogrammos, **Dunn Co**, Lower Chippewa River Prairie & Savanna, 30 May 2019, KEJ
Acleris schalleriana, **Green Lake Co**, White River Marsh SWA, 6 Mar 2017, KEJ
Acleris semiannula, **Oconto Co**, Little Suamico, 20 Apr 2019, KEJ
Aethes louisiana, **Dunn Co**, Lower Chippewa River Prairie & Savanna, 30 May 2019, KEJ
Ancylis albocostana, Bayfield Co, Moquah Barrens, 7 Jun 2019, KEJ

Ancylis albacostana, **Dunn Co**, Dunnville Barrens., 30 May 2019, KEJ
Ancylis brauni, **Winnebago Co**, Heckrodt Wetland Reserve, 16 May 2017, KEJ, red maple (ash) swamp, **State record**
Ancylis burgessiana, **Pepin Co**, Lower Chippewa River Prairie & Savanna, 30 May 2019, KEJ
Ancylis carbonana, Bayfield Co, Moquah Barrens, 7 Jun 2019, KEJ
Ancylis laciniana, **Pepin Co**, Lower Chippewa River Prairie & Savanna, 30 May 2019, KEJ
Ancylis nubeculana, Bayfield Co, Moquah Barrens, 6 Jun 2019, KEJ
Argyrotaenia pinatubana, **Jackson Co**, Glenn Creek Barrens, 22 May 2019, KEJ
Argyrotaenia repertana, **Iron Co**, Du Page Lake Peatlands, 25 May 2017, KEJ
Argyrotaenia tabulana, **Dunn Co**, Dunnville Barrens., 30 May 2019, KEJ
Choristoneura zapulata, Iron Co, Du Page Lake Peatlands, 24 Jul 2017, KEJ
Choristoneura zapulata, **Oneida Co**, Rainbow Wetlands, 24 Jul 2017, KEJ
Decodes basiplagana, **Crawford Co**, Oak Coulee Woods, 1 Oct 2017, KEJ
Epiblema obfusca, **Pepin Co**, Lower Chippewa River Prairie & Savanna, 30 May 2019, KEJ
Epiblema otiosana, **Iron Co**, Du Page Lake Peatlands, 24 Jul 2017, KEJ
Epinotia vertumnana, **Crawford Co**, Oak Coulee Woods, 9 Apr 2017, KEJ
Eucopina gloriola, **Dunn Co**, Dunnville Barrens., 30 May 2019, KEJ
Eucopina gloriola, **Jackson Co**, Glenn Creek Barrens, 22 May 2019, KEJ
Eucopina monitorana, Bayfield Co, Moquah Barrens, 7 Jun 2019, KEJ
Eucosma awemeana, **Jackson Co**, Glenn Creek Barrens, 22 May 2019, KEJ
Eucosma spiculana, **Monroe Co**, Fort McCoy, 27 May 2017, KEJ, **State record**
Eucosma striatana, Bayfield Co, Moquah Barrens, 7 Jun 2019, KEJ
Eucosma striatana, **Monroe Co**, Fort McCoy, 27 May-3 Jul 2017, KEJ
Eucosma striatana, **Pepin Co**, Lower Chippewa River Prairie & Savanna, 30 May 2019, KEJ
Gretchena deludana, **Pepin Co**, Lower Chippewa River Prairie & Savanna, 30 May 2019, KEJ
Gretchena nymphana, **Pepin Co**, Lower Chippewa River Prairie & Savanna, 30 May 2019, KEJ
Hedya cyanana, **Monroe Co**, Fort McCoy, 27 May 2017, KEJ
Hystriophora taleana, **Monroe Co**, Fort McCoy, 3 Jul 2017, KEJ
Lozotaenia costinotata, Iron Co, Du Page Lake Peatlands, 24 Jul 2017, KEJ
Lozotaenia costinotata, **Oneida Co**, Rainbow Wetlands, 24 Jul 2017, KEJ
Pelochrista dorsisignatana, Kenosha Co, Chiwaukee Prairie, 24 Sep 2019, SCB
Pelochrista morrisoni, **Monroe Co**, Fort McCoy, 3 Jul 2017, KEJ
Pelochrista robinsonana, **Monroe Co**, Fort McCoy, 3 Jul 2017, KEJ
Pelochrista scintillana, **Monroe Co**, Fort McCoy, 27 May-3 Jul 2017, KEJ
Pseudexentera kalmiana, Vilas Co, Nixon Creek Peatlands, 25 May 2017, KEJ
Pseudexentera mali, **Oconto Co**, Little Suamico, 20-21 Apr 2019, KEJ
Pseudexentera sepia, **Iron Co**, Du Page Lake Peatlands, 25 May 2017, KEJ
Pseudexentera sepia, **Oconto Co**, Little Suamico, 21 Apr 2019, KEJ
Pseudexentera vaccinii, Bayfield Co, Moquah Barrens, 7 Jun 2019, KEJ
Pseudexentera virginiana, **Oconto Co**, Little Suamico, 21 Apr 2019, KEJ
Retinia pallipennis, **Dunn Co**, Dunnville Barrens., 30 May 2019, KEJ
Sereda tautana, **Oconto Co**, Ledge Lake, 20 Apr 2019, KEJ
Zomaria interruptolineana, Bayfield Co, Moquah Barrens, 7 Jun 2019, KEJ

Uraniidae:

Calledapteryx dryopterata, **Ozaukee Co**, Riveredge Nature Center, 14 Jun 2019, LAF

Ypsolophidae:

Ypsolopha canariella, Iron Co, Du Page Lake Peatlands, 24 Jul 2017, KEJ

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

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During 2019 much of the Southeast experienced a very extended period of elevated temperatures, with some areas recording nearly the warmest years on record overall. These warm temperatures extended well into the fall. Overall, precipitation was normal to just slightly above average, but Hurricane Barry caused flooding in Louisiana, Arkansas and Mississippi in July, and Hurricane Dorian did the same for coast South Carolina and North Carolina in early September.

Most observers noted that butterfly numbers were down, particularly during the long, hot summer months. There was a good invasion of migrants in late summer and fall along the eastern coast with good numbers of Ceraunus Blues, Great Southern Whites, Zebra Longwings, and White Peacocks.

RECORDS:

Alabama:

Hesperiidae:

Euphyes pilatka, Baldwin Co, Mobile Street, Fort Morgan, 23 Sep 2017, CWM

Arkansas:

Attevidae:

Atteva aurea, **Conway Co**, Petit Jean Mt, 19 Mar 2017, JIE, at UV light, 35.1286N 92.8901W

Atteva aurea, **Pope Co**, Bona Dea Trail, Russellville, 27 Apr 2017, JIE, 35.303N 93.1493W

Cosmopterigidae:

Euclementia bassettella, **Conway Co**, Petit Jean Mt, 1 Sep 2017, JIE, at UV light, 35.1286N 92.8901W

Cossidae:

Inguromorpha basalis, **Franklin Co**, Redding Campground, Ozark National Forest, 25 Jul 2005, JIE, at MV light

Inguromorpha basalis, **Howard Co**, Rick Evans Prairie, 26 Aug 2014, JIE, at MV light

Prionoxystus robiniae, **Conway Co**, Petit Jean Mt, 18 May 2017, JIE, at UV light, 35.1286N 92.8901W

Crambidae:

Achyra rantalis, **Conway Co**, Petit Jean Mt, 18 May 2017, JIE, at UV light, 35.1286N 92.8901W

Anageshna primordialis, **Pope Co**, Bona Dea Trail, Russellville, 24 Apr 2017, JIE, 35.303N 93.1493W, **State record**

Blepharomastix ranalis, **Conway Co**, Petit Jean Mt, 31 Jul 2017, JIE, at UV light, 35.1286N 92.8901W

Colomychia talis, **Pope Co**, Bona Dea Trail, Russellville, 27 Apr 2017, JIE, 35.303N 93.1493W

Crocidophora pustuliferalis, **Conway Co**, Petit Jean Mt, 20 Oct 2017, JIE, at UV light, 35.1286N 92.8901W

Desmia funeralis, **Conway Co**, Petit Jean Mt, 14 Apr 2017, JIE, at UV light, 35.1286N 92.8901W

Diacme elealis, **Conway Co**, Petit Jean Mt, 24 Feb 2017, JIE, at UV light, 35.1286N 92.8901W

Eustixia pupula, **Conway Co**, Petit Jean Mt, 27 May 2017, JIE, at UV light, 35.1286N 92.8901W

Fissicrambus mutabilis, **Conway Co**, Petit Jean Mt, 20 Oct 2017, JIE, at UV light, 35.1286N 92.8901W

Glaphyria peremptalis, **Conway Co**, Petit Jean Mt, 5 Oct 2017, JIE, at UV light, 35.1286N 92.8901W

Hymenia perspectalis, **Conway Co**, Petit Jean Mt, 31 Jul 2017, JIE, at UV light, 35.1286N 92.8901W

Leptosteges parthenialis, **Franklin Co**, Preason-Oglosby Prairie, 6 May 2016, JIE, at UV light, 35.1286N 92.8901W, **State record**

Lineodes integra, **Conway Co**, Petit Jean Mt, 20 Sep 2017, JIE, at UV light, 35.1286N 92.8901W

Microcrambus elegans, **Conway Co**, Petit Jean Mt, 28 May 2017, JIE, at UV light, 35.1286N 92.8901W

Nomophila nearctica, **Conway Co**, Petit Jean Mt, 19 Mar 2017, JIE, at UV light, 35.1286N 92.8901W

Palpita magniferalis, **Conway Co**, Petit Jean Mt, 18 May & 2 Aug 2017, JIE, at UV light, 35.1286N 92.8901W

Palpita magniferalis, **Drew Co**, Monticello Lake, 22 Aug 2014, JIE, at MV light

Palpita magniferalis, **Hot Springs Co**, Lake Catherine State Park, 8 Aug 2015, JIE

Parapediasia decorellus, **Conway Co**, Petit Jean Mt, 31 Jul 2017, JIE, at UV light, 35.1286N 92.8901W

Pyrausta acronialis, **Conway Co**, Petit Jean Mt, 17 Apr 2017, JIE, at UV light, 35.1286N 92.8901W

Pyrausta onythesalis, **Conway Co**, Petit Jean Mt, 2 May 2017, JIE, at UV light, 35.1286N 92.8901W, **State record**

Pyrausta signatalis, **Conway Co**, Petit Jean Mt, 28 May 2017, JIE, at UV light, 35.1286N 92.8901W

Xanthophysa psychialis, **Conway Co**, Petit Jean Mt, 19 Sep 2017, JIE, at UV light, 35.1286N 92.8901W

Depressariidae:

Antaeotricha schlaegeri, **Conway Co**, Petit Jean Mt, 16 Apr 2017, JIE, at UV light, 35.1286N 92.8901W

Drepanidae:

Euthyatira pudens, **Conway Co**, Petit Jean Mt, 22 Mar 2017, JIE, at UV light, 35.1286N 92.8901W

Erebidae:

Ascalapha odorata, **Conway Co**, Petit Jean Mt, 15 Aug 2017, JIE, at UV light, 35.1286N 92.8901W

Caenurgina chloropha, **Conway Co**, Petit Jean Mt, 8 Jun 2016, JIE, at UV light, 35.1286N 92.8901W

Caenurgina crassiuscula, **Conway Co**, Petit Jean Mt, 24 Feb 2017, JIE, at UV light, 35.1286N 92.8901W

Catocala andromedae, **Conway Co**, Petit Jean Mt, 16 Jun 2017, JIE, at UV light, 35.1286N 92.8901W

Catocala coccinata, **Pope Co**, Augsburg, 6 Jun 2012, JIE, at MV light

***Catocala orba*, Arkansas Co**, White River NWR, 6 Jun 1988, JIE, reported by Marvin Smith, **State record**

***Catocala pretiosa*, Arkansas Co**, White River NWR, 6 Jun 1988, JIE, reported by Marvin Smith, **State record**

Catocala vidua, **Conway Co**, Petit Jean Mt, 16 Sep 2017, JIE, at UV light, 35.1286N 92.8901W

Cisseps fulvicollis, **Conway Co**, Petit Jean Mt, 18 May 2017, JIE, at UV light, 35.1286N 92.8901W

Cisseps fulvicollis, **Drew Co**, UAM Campus, Monticello, 10 Oct 1962, JIE, at UV light

Cisthene plumbea, **Conway Co**, Petit Jean Mt, 20 Oct 2017, JIE, at UV light, 35.1286N 92.8901W

Cisthene plumbea, **Pope Co**, Bona Dea Trail, Russellville, 24 Apr 2017, JIE, 35.303N 93.1493W

Colobochyla interpuncta, **Conway Co**, Petit Jean Mt, 17 Apr 2017, JIE, at UV light, 35.1286N 92.8901W

Colobochyla interpuncta, **Pope Co**, Bona Dea Trail, Russellville, 14 Apr 2017, JIE, 35.303N 93.1493W

Estigmene acrea, **Conway Co**, Petit Jean Mt, 2 Aug 2017, JIE, at UV light, 35.1286N 92.8901W

Grammia phyllira, **Conway Co**, Petit Jean Mt, 2 May 2017, JIE, at UV light, 35.1286N 92.8901W

Halysidota tessellaris, **Pope Co**, Bona Dea Trail, Russellville, 24 Apr 2017, JIE, at UV light, 35.303N 93.1493W

Hypena abalienalis, **Conway Co**, Petit Jean Mt, 17 Apr 2017, JIE, at UV light, 35.1286N 92.8901W

Hypena baltimoralis, **Conway Co**, Petit Jean Mt, 23 Aug 2017, JIE, at UV light, 35.1286N 92.8901W

Hypena manalis, **Conway Co**, Petit Jean Mt, 22 Mar 2017, JIE, at UV light, 35.1286N 92.8901W

Hypena scabra, **Conway Co**, Petit Jean Mt, 23 Feb 2017, JIE, at UV light, 35.1286N 92.8901W

Hypena scabra, **Pope Co**, Bona Dea Trail, Russellville, 27 Apr 2017, JIE, 35.303N 93.1493W

Hyphantria cunea, **Conway Co**, Petit Jean Mt, 19 Mar 2017, JIE, at UV light, 35.1286N 92.8901W

Hypoprepia fucosa, **Conway Co**, Petit Jean Mt, 28 May 2017, JIE, at UV light, 35.1286N 92.8901W

Hyposoropha hormos, **Conway Co**, Petit Jean Mt, 2 May 2017, JIE, at UV light, 35.1286N 92.8901W

Idia aemula, **Conway Co**, Petit Jean Mt, 8 Jun 2016, JIE, at UV light, 35.1286N 92.8901W

Idia americalis, **Conway Co**, Petit Jean Mt, 4 Aug 2016, JIE, at UV light, 35.1286N 92.8901W

Idia americalis, **Pope Co**, Bona Dea Trail, Russellville, 27 Apr 2017, JIE, 35.303N 93.1493W

Idia lubricalis, **Conway Co**, Petit Jean Mt, 18 May 2017, JIE, at UV light, 35.1286N 92.8901W

Ledaea perditalis, **Conway Co**, Petit Jean Mt, 31 Jul 2017, JIE, at UV light, 35.1286N 92.8901W

Lesmone detrahens, **Conway Co**, Petit Jean Mt, 19 Mar 2017, JIE, at UV light, 35.1286N 92.8901W

Melipotis indomita, **Pope Co**, Russellville, 1 Apr 2017, JIE

Metalectra quadrisignata, **Conway Co**, Petit Jean Mt, 27 Apr 2017, JIE, at UV light, 35.1286N 92.8901W

Metalectra quadrisignata, **Franklin Co**, Flanagan Prairie, 20 Aug 2011, JIE

Palthis angulalis, **Pope Co**, Russellville, 26 Apr 2017, JIE

Palthis asopialis, **Pope Co**, Russellville, 26 Apr 2017, JIE

Panopoda carneicosta, **Conway Co**, Petit Jean Mt, 24 Feb 2017, JIE, at UV light, 35.1286N 92.8901W

Panopoda rufimargo, **Conway Co**, Petit Jean Mt, 18 May 2017, JIE, at UV light, 35.1286N 92.8901W

Panopoda rufimargo, **Pope Co**, Bona Dea Trail, Russellville, 24 Apr 2017, JIE, 35.303N 93.1493W

Panopoda repanda, **Conway Co**, Petit Jean Mt, 18 May 2017, JIE, at UV light, 35.1286N 92.8901W, **State record**

Phalaenostola larentioides, **Franklin Co**, Flanagan Prairie, 20 Aug 2011, JIE

Phoberia atomaris, **Conway Co**, Petit Jean Mt, 19 Mar 2017, JIE, at UV light, 35.1286N 92.8901W

Renia adspersgillus, **Franklin Co**, Franklin Prairie, 6 May 2016, JIE, at MV light

Renia discoloralis, **Conway Co**, Petit Jean Mt, 2 May 2017, JIE, at UV light, 35.1286N 92.8901W

Renia salusalis, **Conway Co**, Petit Jean Mt, 2 May 2013, JIE, at UV light, 35.1286N 92.8901W

Scolecocampa liburna, **Conway Co**, Petit Jean Mt, 31 Jul 2017, JIE, at UV light, 35.1286N 92.8901W

Spilosoma virginica, **Conway Co**, Petit Jean Mt, 19 Mar 2017, JIE, at UV light, 35.1286N 92.8901W

Spilosoma virginica, **Pope Co**, Bona Dea Trail, Russellville, 24 Apr 2017, JIE, at MV light, 35.303N 93.1493W

Tetanolita floridana, **Pope Co**, Bona Dea Trail, Russellville, 24 Apr 2017, JIE, 35.303N 93.1493W

Tetanolita mynesalis, **Boone Co**, Baker Prairie, Harrison, 25 Sep 2011, JIE

Tetanolita mynesalis, **Conway Co**, Petit Jean Mt, 31 Jul 2017, JIE, at UV light, 35.1286N 92.8901W

Virbia aurantiaca, **Pope Co**, Bona Dea Trail, Russellville, 24 Apr 2017, JIE, at MV light, 35.303N 93.1493W

Virbia opella, **Conway Co**, Petit Jean Mt, 14 Apr 2017, JIE, at UV light, 35.1286N 92.8901W

***Zale calycanthata*, Yell Co**, Hwy 27 east, 20 Apr 2017, JIE, 33.2223N 93.1851W, **State record**

Zale helata, **Conway Co**, Petit Jean Mt, 16 Apr 2017, JIE, at UV light, 35.1286N 92.8901W

Zale helata, **Pope Co**, Bona Dea Trail, Russellville, 19 Mar 2017, JIE, 35.303N 93.1493W

Zale lunata, **Conway Co**, Petit Jean Mt, 22 Mar 2017, JIE, at UV light, 35.1286N 92.8901W

Zale lunata, **Pope Co**, Bona Dea Trail, Russellville, 28 Apr 2017, JIE, 35.303N 93.1493W

Zanclognatha pedipalialis, **Pope Co**, Bona Dea Trail, Russellville, 17 Apr 2017, JIE, 35.303N 93.1493W

Euteliidae:

Marathyssa inficita, **Conway Co**, Petit Jean Mt, 19 Mar 2017, JIE, at UV light, 35.1286N 92.8901W
Paectes abrostoloides, **Conway Co**, Petit Jean Mt, 27 Jul 2017, JIE, at UV light, 35.1286N 92.8901W

Gelechiidae:

Agrippe prunifoliella, **Conway Co**, Petit Jean Mt, 22 Mar 2017, JIE, at UV light, 35.1286N 92.8901W

Geometridae:

Besma quercivoraria, **Conway Co**, Petit Jean Mt, 31 Jul 2017, JIE, at UV light, 35.1286N 92.8901W
Ceratonyx satanaria, **Conway Co**, Petit Jean Mt, 21 Feb 2017, JIE, at UV light, 35.1286N 92.8901W
Costaconvexa centrostrigaria, **Conway Co**, Petit Jean Mt, 15 Apr 2017, JIE, at UV light, 35.1286N 92.8901W
Costaconvexa centrostrigaria, **Pope Co**, Bona Dea Trail, Russellville, 25 Apr 2017, JIE, 35.303N 93.1493W
Cyclophora packardi, **Conway Co**, Petit Jean Mt, 22 Mar 2017, JIE, at UV light, 35.1286N 92.8901W
Dichorda iridaria, **Conway Co**, Petit Jean Mt, 16 Apr 2017, JIE, at UV light, 35.1286N 92.8901W
Dyspteris abortivaria, **Conway Co**, Petit Jean Mt, 16 Apr 2017, JIE, at UV light, 35.1286N 92.8901W
Ectropis crepuscularia, **Conway Co**, Petit Jean Mt, 23 Feb 2017, JIE, at UV light, 35.1286N 92.8901W
Erastria cruentaria, **Conway Co**, Petit Jean Mt, 18 May 2017, JIE, at UV light, 35.1286N 92.8901W
Erastria cruentaria, **Pope Co**, Bona Dea Trail, Russellville, 27 Apr 2017, JIE, 35.303N 93.1493W
Eusarca confusaria, **Pope Co**, Bona Dea Trail, Russellville, 17 Apr 2017, JIE, at UV light, 35.303N 93.1493W
Eutrapela clemataria, **Conway Co**, Petit Jean Mt, 24 Feb 2017, JIE, at UV light, 35.1286N 92.8901W
Glena cribrataria, **Conway Co**, Petit Jean Mt, 15 Apr 2017, JIE, at UV light, 35.1286N 92.8901W
Heterophleps triguttaria, **Pope Co**, Bona Dea Trail, Russellville, 24 Apr 2017, JIE, 35.303N 93.1493W
Hethemia pistasciaria, **Conway Co**, Petit Jean Mt, 19 Mar 2017, JIE, at UV light, 35.1286N 92.8901W
Hydriomena pluviala, **Conway Co**, Petit Jean Mt, 19-22 Mar 2017, JIE, at UV light, 35.1286N 92.8901W
Hypagyrtis esther, **Conway Co**, Petit Jean Mt, 27 Jul-29 Oct 2017, JIE, at UV light, 35.1286N 92.8901W
Hypagyrtis unipunctata, **Pope Co**, Bona Dea Trail, Russellville, 24 Apr 2017, JIE, 35.303N 93.1493W
Hypomecis umbrosaria, **Conway Co**, Petit Jean Mt, 19 Mar 2017, JIE, at UV light, 35.1286N 92.8901W
Idaea demissaria, **Conway Co**, Petit Jean Mt, 31 Jul 2017, JIE, at UV light, 35.1286N 92.8901W
Iridopsis defectaria, **Conway Co**, Petit Jean Mt, 22 Mar 2017, JIE, at UV light, 35.1286N 92.8901W
Iridopsis humaria, **Conway Co**, Petit Jean Mt, 23 Feb 2017, JIE, at UV light, 35.1286N 92.8901W
Lomographa vestaliata, **Conway Co**, Petit Jean Mt, 10 Jul 2015, JIE, at UV light, 35.1286N 92.8901W
Lycia ypsilona, **Conway Co**, Petit Jean Mt, 19 Mar 2017, JIE, at UV light, 35.1286N 92.8901W
Macaria bisignata, **Conway Co**, Petit Jean Mt, 18 May 2017, JIE, at UV light, 35.1286N 92.8901W
Melanolophia signataria, **Conway Co**, Petit Jean Mt, 21-23 Feb 2017, JIE, at UV light, 35.1286N 92.8901W
Nematocampa resistaria, **Conway Co**, Petit Jean Mt, 18 May 2017, JIE, at UV light, 35.1286N 92.8901W
Nemaria rubrifrontaria, **Conway Co**, Petit Jean Mt, 28 May 2017, JIE, at UV light, 35.1286N 92.8901W
Patalene olyzonaria, **Conway Co**, Petit Jean Mt, 24 Jun 2017, JIE, at UV light, 35.1286N 92.8901W
Patalene olyzonaria, **Pope Co**, Bona Dea Trail, Russellville, 24 Apr 2017, JIE, at UV light, 35.303N 93.1493W
Pero honestaria, **Conway Co**, Petit Jean Mt, 31 Jul 2017, JIE, at UV light, 35.1286N 92.8901W
Pero morrisonaria, **Conway Co**, Petit Jean Mt, 31 Jul 2017, JIE, at UV light, 35.1286N 92.8901W
Phaeoura quernaria, **Conway Co**, Petit Jean Mt, 19 Mar 2017, JIE, at UV light, 35.1286N 92.8901W
Phigalia strigataria, **Conway Co**, Petit Jean Mt, 21 Feb 2017, JIE, at UV light, 35.1286N 92.8901W
Plagodis alcolaria, **Conway Co**, Petit Jean Mt, 14 Apr 2017, JIE, at UV light, 35.1286N 92.8901W
Proble alienaria, **Conway Co**, Petit Jean Mt, 19 Mar 2017, JIE, at UV light, 35.1286N 92.8901W
Scopula limboundata, **Conway Co**, Petit Jean Mt, 27 May 2017, JIE, at UV light, 35.1286N 92.8901W
Tetracis crocallata, **Conway Co**, Petit Jean Mt, 22 Mar 2017, JIE, at UV light, 35.1286N 92.8901W
Tornos scolopacinarius, **Conway Co**, Petit Jean Mt, 24 Feb 2017, JIE, at UV light, 35.1286N 92.8901W

Hesperiidae:

Erynnis funeralis, Miller Co, Sandhills Preserve, 13 May 2017, CWM
Euphyes dukesi, Hempstead Co, Nacatoch Ravines, 23 Jun 2017, CWM
Poanes zabulon, Hempstead Co, Nacatoch Ravines, 23 Jun 2017, CWM

Limacodidae:

Parasa indetermina, **Conway Co**, Petit Jean Mt, 24 Jun 2017, JIE, at UV light, 35.1286N 92.8901W

Lycaenidae:

Parrhasius m-album, Miller Co, Sandhills Preserve, 13 May 2017, CWM

Mimallonidae:

Lacosoma chiridota, **Conway Co**, Petit Jean Mt, 14 Apr 2017, JIE, at UV light, 35.1286N 92.8901W

Noctuidae:

Acronicta afflicta, **Conway Co**, Petit Jean Mt, 28 May 2017, JIE, at UV light, 35.1286N 92.8901W
Acronicta afflicta, **Pope Co**, Bona Dea Trail, Russellville, 14 Apr 2017, JIE, 35.303N 93.1493W
Acronicta americana, **Conway Co**, Petit Jean Mt, 28 May 2017, JIE, at UV light, 35.1286N 92.8901W
Acronicta exilis, **Conway Co**, Petit Jean Mt, 31 Jul 2017, JIE, at UV light, 35.1286N 92.8901W
Acronicta haesitata, **Conway Co**, Petit Jean Mt, 24 Jun 2017, JIE, at UV light, 35.1286N 92.8901W
Acronicta impleta, **Johnson Co**, Haw Creek Campground, Ozark National Forest, 20 Apr 2017, JIE, at MV light
Acronicta inclarata, **Conway Co**, Petit Jean Mt, 2 May 2017, JIE, at UV light, 35.1286N 92.8901W
Acronicta interrupta, **Conway Co**, Petit Jean Mt, 18 May 2017, JIE, at UV light, 35.1286N 92.8901W
Acronicta interrupta, **Drew Co**, UAM Campus, Monticello, 20 Apr 1966, JIE
Acronicta lobeliae, **Conway Co**, Petit Jean Mt, 16 Apr 2017, JIE, at UV light, 35.1286N 92.8901W

Acronicta modica, **Cleveland Co**, Kingsland Prairie, 12 Aug 2011, JIE, at MV light
Acronicta modica, **Conway Co**, Petit Jean Mt, 18 May 2017, JIE, at UV light, 35.1286N 92.8901W
Acronicta morula, **Conway Co**, Petit Jean Mt, 6 Jun 2016, JIE, at UV light, 35.1286N 92.8901W
Agnorisma badinodis, **Conway Co**, Petit Jean Mt, 3 Nov 2017, JIE, at UV light, 35.1286N 92.8901W
Agrotis ipsilon, **Pope Co**, Bona Dea Trail, Russellville, 27 Apr 2017, JIE, 35.303N 93.1493W
Apamea indocilis, **Drew Co**, UAM Campus, Monticello, 12 Apr 2014, JIE, Malaise trap
Arugisa lutea, **Miller Co**, Sandhills Natural Area, 29 May 2015, JIE, at MV light
Athetis tarda, **Conway Co**, Petit Jean Mt, 14 Apr 2017, JIE, at UV light, 35.1286N 92.8901W
Autographa biloba, **Conway Co**, Petit Jean Mt, 22 Mar 2017, JIE, at UV light, 35.1286N 92.8901W
Autographa precatationis, **Conway Co**, Petit Jean Mt, 20 Oct 2017, JIE, at UV light, 35.1286N 92.8901W
Cerastis tenebrifera, **Conway Co**, Petit Jean Mt, 19 Mar 2017, JIE, at UV light, 35.1286N 92.8901W
Cerma cerintha, **Conway Co**, Petit Jean Mt, 18 May 2017, JIE, at UV light, 35.1286N 92.8901W
Charadra deridens, **Conway Co**, Petit Jean Mt, 23 Aug 2017, JIE, at UV light, 35.1286N 92.8901W
Chytonix palliatricula, **Conway Co**, Petit Jean Mt, 16 Apr 2017, JIE, at UV light, 35.1286N 92.8901W
Ctenoplusia oxygramma, **Conway Co**, Petit Jean Mt, 31 Jul 2017, JIE, at UV light, 35.1286N 92.8901W
Egira alternans, **Conway Co**, Petit Jean Mt, 19 Mar 2007, JIE, at UV light, 35.1286N 92.8901W
Elaphria festivooides, **Franklin Co**, Cherokee Prairie, 12 Apr 2014, JIE, at MV light, 35.303N 93.1493W
Elaphria grata, **Conway Co**, Petit Jean Mt, 19 Mar-18 May 2017, JIE, at UV light, 35.1286N 92.8901W
Galgula partita, **Conway Co**, Petit Jean Mt, 8 Jun 2016, JIE, at UV light, 35.1286N 92.8901W
Galgula partita, **Pope Co**, Bona Dea Trail, Russellville, 27 Apr 2017, JIE, at UV light, 35.303N 93.1493W
Himella fidelis, **Conway Co**, Petit Jean Mt, 24 May 2013, JIE, at UV light, 35.1286N 92.8901W
Himella fidelis, **Perry Co**, Harris Brake Wildlife Management Area, 28 Apr 2014, JIE, at UV light
Homophoberia apicosa, **Pope Co**, Bona Dea Trail, Russellville, 24 Apr 2017, JIE, at UV light, 35.303N 93.1493W
Lacinipolia explicata, **Yell Co**, Hwy 27 west, 10 Apr 2017, JIE, 35.2773N 93.1851W
Lacinipolia renigera, **Conway Co**, Petit Jean Mt, 6 Jun 2016, JIE, at UV light, 35.1286N 92.8901W
Lacinipolia renigera, **Pope Co**, Bona Dea Trail, Russellville, 24 Apr 2017, JIE, at UV light, 35.303N 93.1493W
Leucania scirpicola, **Washington Co**, Woosley Wet Prairie, 12 Jun 2016, JIE, at UV light
Leuconycta diptheroides, **Conway Co**, Petit Jean Mt, 21 Feb 2017, JIE, at UV light, 35.1286N 92.8901W
Lithophane grotei, **Pope Co**, Bona Dea Trail, Russellville, 20 Oct 2017, JIE, at UV light, 35.303N 93.1493W
Maliattha synochitis, **Conway Co**, Petit Jean Mt, 16 Apr 2016, JIE, at UV light, 35.1286N 92.8901W
Marimatha nigrofimbria, **Conway Co**, Petit Jean Mt, 18 May 2017, JIE, at UV light, 35.1286N 92.8901W
Morrisonia confusa, **Conway Co**, Petit Jean Mt, 14 Apr 2017, JIE, at UV light, 35.1286N 92.8901W
Nedra ramosula, **Conway Co**, Petit Jean Mt, 19 Mar 2017, JIE, at UV light, 35.1286N 92.8901W
Nephelodes minians, **Conway Co**, Petit Jean Mt, 22 Mar 2017, JIE, at UV light, 35.1286N 92.8901W
Nephelodes minians, **Drew Co**, UAM Campus, Monticello, 22 Oct 2014, JIE, Malaise trap
Orthosia garmani, **Conway Co**, Petit Jean Mt, 24 Feb 2017, JIE, at UV light, 35.1286N 92.8901W
Panthea furcilla, **Conway Co**, Petit Jean Mt, 31 Jul 2017, JIE, at UV light, 35.1286N 92.8901W
Peridroma saucia, **Conway Co**, Petit Jean Mt, 21 Aug 2015, JIE, at UV light, 35.1286N 92.8901W
Peridroma saucia, **Garland Co**, Lake Ouachita State Park, 19 Mar 2017, JIE, at MV light
Polygrammate hebraicum, **Conway Co**, Petit Jean Mt, 16 Apr-2 May 2017, JIE, at UV light, 35.1286N 92.8901W
Psaphida resumens, **Conway Co**, Petit Jean Mt, 19 Mar 2017, JIE, at UV light, 35.1286N 92.8901W
Schinia rivulosa, **Conway Co**, Petit Jean Mt, 23 Aug 2017, JIE, at UV light, 35.1286N 92.8901W
Schinia saturata, **Conway Co**, Petit Jean Mt, 20 Sep 2007, JIE, at UV light, 35.1286N 92.8901W
Sericaglaea signata, **Conway Co**, Petit Jean Mt, 24 Feb 2017, JIE, at UV light, 35.1286N 92.8901W
Spodoptera ornithogalli, **Conway Co**, Petit Jean Mt, 24 Jun 2017, JIE, at UV light, 35.1286N 92.8901W
Tarache aprica, **Conway Co**, Petit Jean Mt, 18 May 2017, JIE, at UV light, 35.1286N 92.8901W

Nolidae:

Meganola minuscula, **Conway Co**, Petit Jean Mt, 23 Feb 2017, JIE, at UV light, 35.1286N 92.8901W
Meganola phylla, **Conway Co**, Petit Jean Mt, 18 Apr 2017, JIE, at UV light, 35.1286N 92.8901W
Meganola phylla, **Johnson Co**, Haw Creek Campground, Ozark National Forest, 12 Apr 2012, JIE, 35°40.60'N 93°15.21'W

Notodontidae:

Furcula borealis, **Conway Co**, Petit Jean Mt, 5 Jun 2017, JIE, at UV light, 35.1286N 92.8901W
Gluphisia septentrionalis, **Conway Co**, Petit Jean Mt, 23 Feb 2017, JIE, at UV light, 35.1286N 92.8901W
Heterocampa guttivitta, **Conway Co**, Petit Jean Mt, 31 Jul 2017, JIE, at UV light, 35.1286N 92.8901W
Heterocampa umbrata, **Conway Co**, Petit Jean Mt, 17 Apr 2017, JIE, at UV light, 35.1286N 92.8901W
Lochmaeus bilineata, **Conway Co**, Petit Jean Mt, 5 Jun 2017, JIE, at UV light, 35.1286N 92.8901W
Lochmaeus manteo, **Conway Co**, Petit Jean Mt, 23 Aug 2017, JIE, at UV light, 35.1286N 92.8901W
Macrurucampa marthesia, **Conway Co**, Petit Jean Mt, 31 Jul 2017, JIE, at UV light, 35.1286N 92.8901W
Nadata gibbosa, **Conway Co**, Petit Jean Mt, 31 Jul 2017, JIE, at UV light, 35.1286N 92.8901W
Schizura badia, **Conway Co**, Petit Jean Mt, 23 Aug 2017, JIE, at UV light, 35.1286N 92.8901W
Schizura ipomoea, **Conway Co**, Petit Jean Mt, 24 Aug 2011, JIE, at UV light, 35.1286N 92.8901W
Schizura leptinoides, **Nevada Co**, 12 Jul 2015, JIE, at UV light

Prodoxidae:

Tegeticula yuccasella, **Conway Co**, Petit Jean Mt, 28 May 2017, JIE, at UV light, 35.1286N 92.8901W

Psychidae:

Thyridopteryx ephemeraeformis, **Conway Co**, Petit Jean Mt, 14 Apr 2017, JIE, at UV light, 35.1286N 92.8901W

Pterophoridae:

Emmelina monodactyla, **Conway Co**, Petit Jean Mt, 28 May 2017, JIE, at UV light, 35.1286N 92.8901W

Pyralidae:

Aglossa cuprina, **Conway Co**, Petit Jean Mt, 5 Jun 2017, JIE, at UV light, 35.1286N 92.8901W

Aglossa cuprina, **Pope Co**, Russellville High School, 22 Apr 2016, JIE

Clydonopteron sacculana, **Conway Co**, Petit Jean Mt, 18 May 2017, JIE, at UV light, 35.1286N 92.8901W

Hypsopygia binodulalis, **Conway Co**, Petit Jean Mt, 24 Jun 2017, JIE, at UV light, 35.1286N 92.8901W

Hypsopygia olinalis, **Conway Co**, Petit Jean Mt, 8 Jun 2016, JIE, at UV light, 35.1286N 92.8901W

Parachma ochracealis, **Conway Co**, Petit Jean Mt, 28 May 2017, JIE, at UV light, 35.1286N 92.8901W

Pococera expandens, **Conway Co**, Petit Jean Mt, 28 May 2017, JIE, at UV light, 35.1286N 92.8901W

Saturniidae:

Actias luna, **Conway Co**, Petit Jean Mt, 19 Mar 2017, JIE, at UV light, 35.1286N 92.8901W

Automeris io, **Conway Co**, Petit Jean Mt, 28 Jul 2013, JIE, at UV light, 35.1286N 92.8901W

Dryocampa rubicunda, **Conway Co**, Petit Jean Mt, 18 May 2017, JIE, at UV light, 35.1286N 92.8901W

Sphingidae:

Amphion floridensis, **Pope Co**, Bayou Bluff, Hector, 23 Apr 2017, JIE, at MV light

Ceratonia undulosa, **Conway Co**, Petit Jean Mt, 23 Aug 2017, JIE, at UV light, 35.1286N 92.8901W

Darapsa myron, **Conway Co**, Petit Jean Mt, 15 Apr 2017, JIE, at UV light, 35.1286N 92.8901W

Deidamia inscripta, **Conway Co**, Petit Jean Mt, 19 Mar 2017, JIE, at UV light, 35.1286N 92.8901W

Laothoe juglandis, **Conway Co**, Petit Jean Mt, 31 Jul 2017, JIE, at UV light, 35.1286N 92.8901W

Tineidae:

Acrolophus plumifrontella, **Conway Co**, Petit Jean Mt, 16 Jun 2017, JIE, at UV light, 35.1286N 92.8901W

Tortricidae:

Acleris subnivana, **Conway Co**, Petit Jean Mt, 27 Aug 2017, JIE, at UV light, 35.1286N 92.8901W

Argyrotaenia alisellana, **Conway Co**, Petit Jean Mt, 15 May 2017, JIE, at UV light, 35.1286N 92.8901W

Argyrotaenia velutinana, **Conway Co**, Petit Jean Mt, 15 Aug 2017, JIE, at UV light, 35.1286N 92.8901W

Choristoneura fractivittana, **Conway Co**, Petit Jean Mt, 2 May 2017, JIE, at UV light, 35.1286N 92.8901W

Choristoneura rosaceana, **Conway Co**, Petit Jean Mt, 18 May 2017, JIE, at UV light, 35.1286N 92.8901W

Carolella sartana, **Drew Co**, Warren Prairie, 14 Aug 2011, JIE, at MV light, 33°35.08'N 91°58.23'W, **State record**

Pelochrista robinsonana, **Conway Co**, Petit Jean Mt, 2 May 2017, JIE, at UV light, 35.1286N 92.8901W

Platynota flavedana, **Pulaski Co**, Clifton Mt., Camp Robinson, 2 Aug 2014, JIE, at MV light

Florida:**Erebidae:**

Grammia placentia, Citrus Co., Old Homosassa, 30 Mar 2017, DBM

Renia adspersgillus, Hernando Co., Chassahowitzka WMA, 9 Mar 2019, DBM

Syntomeida epilais, Citrus Co., Old Homosassa, 30 Mar 2019, DBM

Geometridae:

Ectropis crepuscularia, Citrus Co., Old Homosassa, 29 Mar 2019, DBM

Hesperiidae:

Ancyloxypha numitor, Citrus Co., Crystal River Preserve State Park, Eco Walk, 11 Mar-10 Apr 2019, DBM, common

Ancyloxypha numitor, Citrus Co., Crystal River Preserve State Park, Eco Walk, 10 Apr 2019, DBM

Cecropterus pylades, Citrus Co., Crystal River Preserve State Park, 18 Mar 2017, DBM

Cecropterus pylades, Citrus Co., Flying Eagle Preserve, 8 Mar 2019, DBM

Cecropterus pylades, Taylor Co., Tide Swamp Unit Wildlife Management Area, 4 Apr 2019, DBM

Epargyreus clarus, Citrus Co., Old Homosassa, 18 Mar 2019, DBM, nectaring on *Viburnum obovatum*

Erynnis horatius, Citrus Co., Flying Eagle Preserve, 27 Feb 2017, DBM

Erynnis juvenalis, Hernando Co., Chassahowitzka WMA, 9 Mar 2019, DBM

Euphyes pilatka, Citrus Co., Old Homosassa, 14 Mar-3 Apr 2019, DBM, nectaring on *Viburnum obovatum*

Euphyes pilatka, Citrus Co., Crystal River Preserve State Park, 14-31 Mar 2019, DBM

Hylephila phyleus, Citrus Co., Crystal River Preserve State Park, 18 Mar 2017, DBM

Hylephila phyleus, Citrus Co., Flying Eagle Preserve, 21 Mar 2017, DBM

Panoquina panoquin, Citrus Co., Crystal River Preserve State Park, 26 Mar 2017, DBM

Panoquina panoquin, Citrus Co., Old Homosassa, 8-28 Feb 2017, DBM

Panoquina panoquin, Citrus Co., Old Homosassa, 15-19 Mar 2019, DBM, nectaring on *Viburnum obovatum*

Panoquina panoquin, Citrus Co., Crystal River Preserve State Park, 14 Mar 2019, DBM

Poanes aaroni, Citrus Co., Crystal River Preserve State Park, 14 Mar 2019, DBM

Polites themisticles, Citrus Co., Crystal River Preserve State Park, 14 Mar 2019, DBM

Polites vibex, Citrus Co., Flying Eagle Preserve, 27 Feb-21 Mar 2017, DBM

Staphylus hayhurstii, Citrus Co., Flying Eagle Preserve, 21 Mar 2017, DBM

Urbanus proteus, Citrus Co., Flying Eagle Preserve, 27 Feb-21 Mar 2017, DBM

Urbanus proteus, Citrus Co., Old Homosassa, 30 Mar 2017, DBM

Wallengrenia otho, Hernando Co., Chassahowitzka WMA, 9 Mar 2019, DBM

Lycaenidae:

Callophrys gryneus swadneri, Citrus Co., Old Homosassa, 30 Mar 2017, DBM
Callophrys gryneus swadneri, Citrus Co., Old Homosassa, 16 Mar-7 Apr 2019, DBM, nectaring on *Viburnum obovatum*
Calycopis cecrops, Citrus Co., Old Homosassa, 30 Mar 2017, DBM
Calycopis cecrops, Citrus Co., Flying Eagle Preserve, 27 Feb 2017, DBM
Chlorostrymon maesites, Monroe Co., Key West, Fort Zachary Taylor State Park, 24-25 Jun 2017, WB2
Leptotes cassius, Citrus Co., Old Homosassa, 7 Apr 2019, DBM
Ministrymon azia, Monroe Co., Key Largo, 22 Jun 2017, WB2
Strymon melinus, Citrus Co., Crystal River Preserve State Park, 18 Mar 2017, DBM
Strymon melinus, Citrus Co., Old Homosassa, 30 Mar 2017, DBM
Strymon melinus, Citrus Co., Old Homosassa, 30 Mar 2019, DBM, nectaring on *Viburnum obovatum*

Noctuidae:

Spodoptera ornithogalli, Citrus Co., Old Homosassa, 12 Mar 2017, DBM

Nymphalidae:

Agraulis vanillae, Citrus Co., Crystal River Preserve State Park, 18 Mar 2017, DBM
Agraulis vanillae, Citrus Co., Chassahowitzka Salt Marsh Trails, 30 Mar 2017, DBM
Agraulis vanillae, Citrus Co., Old Homosassa, 2 Feb-30 Mar 2017, DBM
Agraulis vanillae, Citrus Co., Old Homosassa, 24 Feb-12 Apr 2019, DBM
Agraulis vanillae, Citrus Co., Flying Eagle Preserve, 10-21 Mar 2017, DBM
Agraulis vanillae, Citrus Co., Crystal River Preserve State Park, 1-31 Mar 2019, DBM
Agraulis vanillae, Pasco Co., Key Vista Nature Park, 24 Mar 2017, DBM
Anartia jatrophae, Citrus Co., Chassahowitzka Salt Marsh Trails, 26 Feb 2017, DBM
Anartia jatrophae, Citrus Co., Crystal River Preserve State Park, 1 Mar 2019, DBM
Danaus gilippus, Citrus Co., Old Homosassa, 30 Mar 2019, DBM
Danaus gilippus, Citrus Co., Crystal River Preserve State Park, Eco Walk, 10 Apr 2019, DBM
Danaus gilippus, Taylor Co., Tide Swamp Unit WMA, 4 Apr 2019, DBM
Danaus plexippus, Citrus Co., Three Sisters Springs, Crystal River, 19 Feb 2017, DBM
Danaus plexippus, Citrus Co., Old Homosassa, 14 Feb-9 Mar 2017, DBM
Danaus plexippus, Citrus Co., Old Homosassa, 24 Mar-9 Apr 2019, DBM
Danaus plexippus, Taylor Co., Tide Swamp Unit WMA, 4 Apr 2019, DBM
Heliconius charithonia, Citrus Co., Old Homosassa, 2 Feb-8 Mar 2017, DBM
Heliconius charithonia, Citrus Co., Old Homosassa, 18 Mar-11 Apr 2019, DBM
Heliconius charithonia, Citrus Co., Crystal River Preserve State Park, 4 Mar 2017, DBM
Heliconius charithonia, Citrus Co., Crystal River Preserve State Park, 1 Mar 2019, DBM
Heliconius charithonia, Citrus Co., Flying Eagle Preserve, 27 Feb-10 Mar 2017, DBM
Heliconius charithonia, Citrus Co., Flying Eagle Preserve, 8 Mar 2019, DBM
Heliconius charithonia, Hernando Co., Chassahowitzka WMA, 7 Mar 2017, DBM
Heliconius charithonia, Hernando Co., Chassahowitzka WMA, 9 Mar 2019, DBM
Hermeuptychia sosybius, Citrus Co., Flying Eagle Preserve, 10-21 Mar 2017, DBM
Hermeuptychia sosybius, Citrus Co., Crystal River Preserve State Park, 4-18 Mar 2017, DBM
Hermeuptychia sosybius, Citrus Co., Crystal River Preserve State Park, Eco Walk, 11 Mar-10 Apr 2019, DBM
Hermeuptychia sosybius, Hernando Co., Chassahowitzka WMA, 7 Mar 2017, DBM
Hermeuptychia sosybius, Hernando Co., Chassahowitzka WMA, 9 Mar 2019, DBM, common
Hermeuptychia sosybius, Taylor Co., Tide Swamp Unit WMA, 4 Apr 2019, DBM, common
Junonia coenia, Citrus Co., Flying Eagle Preserve, 8 Mar 2019, DBM
Junonia coenia, Citrus Co., Old Homosassa, 15-29 Mar 2019, DBM, nectaring on *Viburnum obovatum*
Junonia coenia, Citrus Co., Crystal River Preserve State Park, 7 Feb 2017, DBM
Junonia coenia, Citrus Co., Crystal River Preserve State Park, Eco Walk, 10 Apr 2019, DBM
Junonia coenia, Pasco Co., Key Vista Nature Park, 24 Mar 2017, DBM
Lethe appalachia, Taylor Co., Tide Swamp Unit WMA, 4 Apr 2019, DBM
Limenitis archippus, Citrus Co., Old Homosassa, 10 Mar 2019, DBM
Limenitis archippus, Citrus Co., Crystal River Preserve State Park, 14 Mar 2019, DBM
Libytheana carinenta, Citrus Co., Old Homosassa, 19 Mar-5 Apr 2019, DBM, common, nectaring on *Viburnum obovatum*
Megisto cymela, Citrus Co., Flying Eagle Preserve, 10-21 Mar 2017, DBM
Megisto cymela, Citrus Co., Crystal River Preserve State Park, 4-18 Mar 2017, DBM
Megisto cymela, Citrus Co., Crystal River Preserve State Park, Eco Walk, 11 Mar 2019, DBM, common
Megisto cymela, Hernando Co., Chassahowitzka WMA, 7 Mar 2017, DBM
Megisto cymela, Hernando Co., Chassahowitzka WMA, 9 Mar 2019, DBM, common
Megisto cymela, Taylor Co., Tide Swamp Unit WMA, 4 Apr 2019, DBM, common
Phyciodes phaon, Citrus Co., Flying Eagle Preserve, 27 Feb-10 Mar 2017, DBM
Phyciodes phaon, Citrus Co., Crystal River Preserve State Park, 7-18 Mar 2017, DBM
Phyciodes phaon, Citrus Co., Crystal River Preserve State Park, Eco Walk, 11 Mar-10 Apr 2019, DBM
Phyciodes phaon, Citrus Co., Crystal River Preserve State Park, 1 Mar 2019, DBM
Phyciodes tharos, Citrus Co., Crystal River Preserve State Park, 4-18 Mar 2017, DBM
Phyciodes tharos, Citrus Co., Crystal River Preserve State Park, Eco Walk, 11 Mar-10 Apr 2019, DBM
Phyciodes tharos, Taylor Co., Tide Swamp Unit WMA, 4 Apr 2019, DBM

Vanessa atalanta, Citrus Co., Crystal River Preserve State Park, 18 Mar 2017, DBM
Vanessa atalanta, Pasco Co., Key Vista Nature Park, 24 Mar 2017, DBM

Papilionidae:

Battus philenor, Citrus Co., Flying Eagle Preserve, 27 Feb-21 Mar 2017, DBM
Battus philenor, Citrus Co., Flying Eagle Preserve, 8 Mar 2019, DBM
Battus philenor, Citrus Co., Crystal River Preserve State Park, 1-14 Mar 2019, DBM, common
Battus philenor, Taylor Co., Tide Swamp Unit WMA, 4 Apr 2019, DBM
Battus polydamus, Citrus Co., Flying Eagle Preserve, 27 Feb-21 Mar 2017, DBM
Eurytides marcellus, Citrus Co., Crystal River Preserve State Park, 4 Mar 2017, DBM
Eurytides marcellus, Citrus Co., Crystal River Preserve State Park, Eco Walk, 11 Mar-10 Apr 2019, DBM, spring form
Eurytides marcellus, Citrus Co., Flying Eagle Preserve, 8 Mar 2019, DBM
Papilio cresphontes, Citrus Co., Chassahowitzka Salt Marsh Trails, 2-30 Mar 2017, DBM
Papilio cresphontes, Citrus Co., Old Homosassa, 11 Feb-30 Mar 2017, DBM
Papilio cresphontes, Citrus Co., Old Homosassa, 19 Feb-11 Apr 2019, DBM, when in bloom nectaring on *Viburnum obovatum*
Papilio cresphontes, Citrus Co., Flying Eagle Preserve, 27 Feb-21 Mar 2017, DBM
Papilio cresphontes, Citrus Co., Flying Eagle Preserve, 8 Mar 2019, DBM
Papilio cresphontes, Citrus Co., Crystal River Preserve State Park, 18 Mar 2017, DBM
Papilio cresphontes, Citrus Co., Crystal River Preserve State Park, Eco Walk, 11 Mar-10 Apr 2019, DBM
Papilio cresphontes, Hernando Co., Chassahowitzka WMA, 9 Mar 2019, DBM
Papilio glaucus, Citrus Co., Flying Eagle Preserve, 27 Feb-10 Mar 2017, DBM
Papilio glaucus, Citrus Co., Chassahowitzka Salt Marsh Trails, 24 Feb 2017, DBM
Papilio glaucus, Citrus Co., Old Homosassa, 11 Feb-30 Mar 2017, DBM
Papilio glaucus, Citrus Co., Old Homosassa, 15 Feb-11 Apr 2019, DBM
Papilio glaucus, Citrus Co., Crystal River Preserve State Park, 19 Feb-18 Mar 2017, DBM
Papilio glaucus, Citrus Co., Crystal River Preserve State Park, 14-31 Mar 2019, DBM
Papilio glaucus, Hernando Co., Chassahowitzka WMA, 7 Mar 2017, DBM
Papilio glaucus, Hernando Co., Chassahowitzka WMA, 9 Mar 2019, DBM
Papilio palamedes, Citrus Co., Old Homosassa, 28 Feb-30 Mar 2017, DBM
Papilio palamedes, Citrus Co., Old Homosassa, 7 Mar-12 Apr 2019, DBM, common
Papilio palamedes, Citrus Co., Flying Eagle Preserve, 8 Mar 2019, DBM
Papilio palamedes, Citrus Co., Crystal River Preserve State Park, 4-18 Mar 2017, DBM
Papilio palamedes, Citrus Co., Crystal River Preserve State Park, Eco Walk, 11 Mar-10 Apr 2019, DBM
Papilio palamedes, Hernando Co., Chassahowitzka WMA, 7 Mar 2017, DBM
Papilio palamedes, Hernando Co., Chassahowitzka WMA, 9 Mar 2019, DBM
Papilio palamedes, Taylor Co., Tide Swamp Unit WMA, 4 Apr 2019, DBM, common
Papilio polyxenes, Hernando Co., Chassahowitzka WMA, 7 Mar 2017, DBM
Papilio troilus, Citrus Co., Flying Eagle Preserve, 27 Feb-21 Mar 2017, DBM
Papilio troilus, Citrus Co., Crystal River Preserve State Park, 18 Mar 2017, DBM
Papilio troilus, Citrus Co., Crystal River Preserve State Park, Eco Walk, 10 Apr 2019, DBM
Papilio troilus, Hernando Co., Chassahowitzka WMA, 7 Mar 2017, DBM
Papilio troilus, Hernando Co., Chassahowitzka WMA, 9 Mar 2019, DBM
Papilio troilus, Taylor Co., Tide Swamp Unit WMA, 4 Apr 2019, DBM

Pieridae:

Ascia monuste, Citrus Co., Chassahowitzka Salt Marsh Trails, 27 Mar 2017, DBM
Ascia monuste, Citrus Co., Old Homosassa, 2 Feb-30 Mar 2017, DBM
Ascia monuste, Citrus Co., Old Homosassa, 12 Apr 2019, DBM
Eurema daira, Citrus Co., Crystal River Preserve State Park, 7 Feb-4 Mar 2017, DBM
Eurema daira, Hernando Co., Chassahowitzka WMA, 7 Mar 2017, DBM
Phoebis philea, Citrus Co., Chassahowitzka Salt Marsh Trails, 1-20 Mar 2017, DBM
Phoebis philea, Citrus Co., Old Homosassa, 9 Feb-30 Mar 2017, DBM
Phoebis philea, Citrus Co., Old Homosassa, 22 Feb-7 Apr 2019, DBM
Phoebis philea, Hernando Co., Nature Coast Botanical Garden, 11 Feb 2017, DBM
Phoebis sennae, Citrus Co., Three Sisters Springs, Crystal River, 19 Feb 2017, DBM
Phoebis sennae, Citrus Co., Chassahowitzka Salt Marsh Trails, 3 Feb-30 Mar 2017, DBM
Phoebis sennae, Citrus Co., Old Homosassa, 1 Feb-30 Mar 2017, DBM
Phoebis sennae, Citrus Co., Old Homosassa, 17 Feb-12 Apr 2019, DBM
Phoebis sennae, Citrus Co., Flying Eagle Preserve, 27 Feb-21 Mar 2017, DBM
Phoebis sennae, Citrus Co., Flying Eagle Preserve, 8 Mar 2019, DBM
Phoebis sennae, Citrus Co., Crystal River Preserve State Park, 6 Feb-18 Mar 2017, DBM
Phoebis sennae, Citrus Co., Crystal River Preserve State Park, 1-31 Mar 2019, DBM
Phoebis sennae, Citrus Co., Crystal River Preserve State Park, Eco Walk, 11 Mar-10 Apr 2019, DBM
Phoebis sennae, Citrus Co., Chassahowitzka Salt Marsh Trails, 18 Feb 2019, DBM, common
Phoebis sennae, Hernando Co., Chassahowitzka WMA, 7 Mar 2017, DBM
Phoebis sennae, Hernando Co., Chassahowitzka WMA, 9 Mar 2019, DBM
Phoebis sennae, Pasco Co., Key Vista Nature Park, 24 Mar 2017, DBM
Phoebis sennae, Taylor Co., Tide Swamp Unit WMA, 4 Apr 2019, DBM, common

Pyrisitia lisa, Citrus Co., Crystal River Preserve State Park 7 Feb 2017, DBM

Riodinidae:

Calephelis virginiensis, Citrus Co., Crystal River Preserve State Park, 18 Mar 2017, DBM

Calephelis virginiensis, Taylor Co., Tide Swamp Unit WMA, 4 Apr 2019, DBM

Saturniidae:

Actias luna, Hernando Co., Chassahowitzka WMA, 7 Mar 2017, DBM

Callosamia securifera, Hernando Co., Chassahowitzka WMA, 9 Mar 2019, DBM

Sesiidae:

Carmenta texana, Marion Co., Ocklawaha prairie restoration area, 30 Apr-3 May 2017, WTJ, 29.1059N 81.90637W

Podosesia syringae, Marion Co., Ocklawaha, 30 Apr-3 May 2017, WTJ, 29.13923N 81.87771W

Sanina uroceriformis, Marion Co., Ocklawaha, 30 Apr-3 May 2017, WTJ, 29.13923N 81.87771W

Synanthedon decipiens, Marion Co., Ocklawaha, 30 Apr-3 May 2017, WTJ, 29.13923N 81.87771W

Synanthedon exitiosa, Marion Co., Ocklawaha, 30 Apr-3 May 2017, WTJ, 29.13923N 81.87771W

Synanthedon geliformis, Marion Co., Ocklawaha, 30 Apr-3 May 2017, WTJ, 29.13923N 81.87771W

Georgia:

Autostichidae:

Autosticha kytotensis, McIntosh Co., Sapelo Island, 8 Jul 2016, LAD, **State record**

Glyphidocera septentrionella, McIntosh Co., Sapelo Island, 17 Aug 2015, JAH, **State record**

Bucculatricidae:

Bucculatrix solidaginella, McIntosh Co., Sapelo Island, 2 Jun 2016, BGS, **State record**

Cosmopterigidae:

Cosmopterix sinelinea, McIntosh Co., Sapelo Island, 8 Jul 2016, LAD, **State record**

Melanoclinis lineigera, McIntosh Co., Sapelo Island, 2 Jun 2016, BGS, **State record**

Perimede erransella, McIntosh Co., Sapelo Island, 9 May 2013, BGS, **State record**, BGS dissection

Crambidae:

Diastictis ventralis, Bulloch Co., Statesboro, 25 Mar 2017, LAD

Parapoynx seminealis, Taylor Co., Fall Line Sandhills WMA, western section, W of Parks Rd, 3-6 Oct 2019, Adams & Durden, significant inland range extension

Thaumatopsis edonis, Taylor Co., Fall Line Sandhills WMA, western section, W of Parks Rd, 3-6 Oct 2019, Adams & Durden, uncommon in GA

Thaumatopsis pexellus, Taylor Co., Fall Line Sandhills WMA, western section, W of Parks Rd, 3-6 Oct 2019, Adams & Durden, likely **State record**

Drepanidae:

Drepana arcuata, Taylor Co., Fall Line Sandhills WMA, western section, W of Parks Rd, 1-4 Aug 2019, JKA, southward range extension

Erebidae:

Catocala carrissima, Long Co., Townsend WMA, NW section, 8 mi of SE of Ludowici, 21-22 Sep 2019, J/S

Catocala consors, Taylor Co., Fall Line Sandhills WMA, western section, W of Parks Rd, 14-16 Jun & 1-4 Aug 2019, J/S, few GA records, Aug record is late

Catocala grisatra, Taylor Co., Fall Line Sandhills WMA, western section, W of Parks Rd, 25 May-16 Jun 2019, JKA, common this year, only known location in GA

Catocala louiseae, Long Co., Ochopee Dunes tract 4, 9 mi SW Swainsboro, nr. Covena, 4-5 May 2017, AA2, uncommon in GA

Catocala louiseae, Taylor Co., Fall Line Sandhills WMA, western section, W of Parks Rd, 25 May-16 Jun 2019, JKA, few GA records

Catocala mira, Taylor Co., Fall Line Sandhills WMA, western section, W of Parks Rd, 14-16 Jun 2019, J/S, few GA records

Catocala miranda, Whitfield Co., Calhoun, JKA residence, 19 Jun 2017, JKA, very few GA records

Catocala myrsinitica, Floyd Co., Rome, east side of Hwy 1/27, 20 Aug 2016, JKA, many specimens, first recorded year before

Catocala sappho, Whitfield Co., Rocky Face Ridgeline, just SW of Dalton, 27-28 Jul 2019, JKA, 1st multiple specimen night in many years

Catocala umbrosa, McIntosh Co., Sapelo Island, 8-11 May 2017, AS4, island record

Cisthene kentuckiensis, Long Co., Griffin Ridge WMA, 7-8 May 2017, AA2

Dahana atripennis, Lowndes Co., Grassy Pond, 9-12 Apr 2019, JKA

Dinumma deponens, Walker Co., Taylor's Ridgeline, 5 mi W of Villanow, 29-30 Mar 2019, JKA

Dinumma deponens, Whitfield Co., Rocky Face Ridgeline, just SW of Dalton, 15-16 Jul 2017, JKA

Ephyrodes cacata, McIntosh Co., Sapelo Island, 25-28 Apr & 21 Oct 2019, Adams, Scholtens, Durden, Hyatt, Slotten, **State record**, Oct record from JH

Epidromia rotundata, Taylor Co., Fall Line Sandhills WMA, western section, W of Parks Rd, 3-6 Oct 2019, Adams & Durden, northward range extension

Hypena degasalis, Taylor Co., Fall Line Sandhills WMA, western section, W of Parks Rd, 3-6 Oct 2019, Adams & Durden, inland range extension

Idia gopheri, Long Co., Townsend WMA, NW section, 8 mi of SE of Ludowici, 21-22 Sep 2019, J/S, few locations in GA

Idia gopheri, Taylor Co., Fall Line Sandhills WMA, western section, W of Parks Rd, 1 Aug-6 Oct 2019, JKA, very few locations in GA

Litoprosopus futilis, McIntosh Co., Sapelo Island, 26-29 Jun 2019, JKA, uncommon, multiple specimens

Melipotis fasciolaris, McIntosh Co., near Carnigan, 28 Nov 2017, DC1, very few GA records, 31°25.658'N 81°23.960'W

Metalectra albilinea, Long Co., Griffin Ridge WMA, 7-8 May 2017, AA2

Palpudia pallidior, McIntosh Co., Sapelo Island, 12-14 Oct 2017, AD1, **State record**, 19 specimens total

Selenisa sueroides, Whitfield Co., Rocky Face Ridgeline, just SW of Dalton, 28-29 Sep 2019, JKA, very uncommon in NW GA
Sigela eoides, **Taylor Co.**, Fall Line Sandhills WMA, western section, W of Parks Rd, 1-2 Sep 2019, JKA, uncommon in GA
Simplicia cornicalis, **Taylor Co.**, Fall Line Sandhills WMA, western section, W of Parks Rd, 3-6 Oct 2019, Adams & Durden, northward range extension

Zale fictilis, **Lowndes Co.**, Grassy Pond, 9-12 Apr 2019, JKA, very few in state

Zale perculata, **Wheeler Co.**, Alligator Creek WMA, 12 May 2019, Durden, Dirk Stevenson and Frankie Snow, numerous larvae

Euteliidae:

Eutelia pulcherrimus, **Taylor Co.**, Fall Line Sandhills WMA, western section, W of Parks Rd, 25-27 May 2019, JKA

Gelechiidae:

Anacamptis nov. sp., **McIntosh Co.**, Sapelo Island, 2 Jun 2016, BGS, **State record**

Bescivia nov. sp., **McIntosh Co.**, Sapelo Island, 2 Jun 2016, BGS, **State record**

Chionodes soter, **McIntosh Co.**, Sapelo Island, 5 May 2016, AD1, **State record**

Dichomeris bipunctella, **McIntosh Co.**, Sapelo Island, 2 Jun 2016, BGS, **State record**

Glauce pectenalaella, **McIntosh Co.**, Sapelo Island, 5 May 2016, AD1, **State record**

Helcystogramma melanocarpum, **McIntosh Co.**, Sapelo Island, 2 Jun 2016, BGS, **State record**

Mesophleps adustipennis, **McIntosh Co.**, Sapelo Island, 3 Jun 2016, BGS, **State record**

Telphusa sequax, **McIntosh Co.**, Sapelo Island, 5 May 2016, AD1, **State record**

Geometridae:

Cepphis decoloraria, **Gilmer Co.**, West of Cherry Log, about 2000', 30-31 May 2019, Adams & Roy Morris

Idaea hilliata, **McIntosh Co.**, Sapelo Island, 21 Apr-11 May 2017, DAS, island record

Idaea ostentaria, **Long Co.**, Townsend WMA, NW section, 8 mi of SE of Ludowici, 21-22 Sep 2019, J/S, 2nd location in state

Idaea taturata, **Gordon Co.**, Calhoun, 29 Jul 2019, JKA, 2nd in NW GA

Idaea taturata, **Whitfield Co.**, Rocky Face Ridgeline, just SW of Dalton, 26-27 Aug 2017, JKA, farthest N record by >100mi

Idaea taturata, **Whitfield Co.**, Carbondale, 13 Aug 2019, JKA, at lights, 3rd in NW GA

Leptostales crossii, **Bulloch Co.**, Statesboro, 20 Jan 2017, LAD

Leptostales laevitaria, **McIntosh Co.**, Sapelo Island, 25-28 Apr 2019, Adams, Scholtens, Durden, Hyatt, Slotten, new to island

Leptostales laevitaria, **Taylor Co.**, Fall Line Sandhills WMA, western section, W of Parks Rd, 3-6 Oct 2019, Adams & Durden, northward range extension

Lytrosis permagnaria, **Gilmer Co.**, West of Cherry Log, about 2000', 30-31 May 2019, Adams & Roy Morris

Macaria ulsterata, **Towns Co.**, Brasstown Bald, 0.3 mi E of parking lot, 16-17 Jun 2017, JKA, 34°52'11"N 83°48'18"W

Metarrhantis mollicularia, **Taylor Co.**, Fall Line Sandhills WMA, western section, W of Parks Rd, 1-4 Aug 2019, JKA, **State record**

Pleuroprucha asthenaria, **McIntosh Co.**, Sapelo Island, 25-28 Apr 2019, Adams, Scholtens, Durden, Hyatt, Slotten, **State record**

Scopula lautaria, **Taylor Co.**, Fall Line Sandhills WMA, western section, W of Parks Rd, 22-23 Nov 2019, JKA, extremely late record

Glyphipterigidae:

Drymoana blanchardi, **Taylor Co.**, Fall Line Sandhills WMA, western section, W of Parks Rd, 1-2 Sep 2019, JKA

Gracillariidae:

Parectopa lespedezaefoliella, **McIntosh Co.**, Sapelo Island, 3 Jun 2016, BGS, **State record**

Hepialidae:

Sthenopsis pretiosa, **Gilmer Co.**, West of Cherry Log, about 2000', 30-31 May 2019, Adams & Roy Morris, 3rd and 4th records for state

Hesperiidae:

Erynnis funeralis, **McIntosh Co.**, Harris Neck NWR, boat landing at Barbour River, 14 Oct 2019, Nancy Crosby, **State record**

Problema byssus, **McIntosh Co.**, Shellman Bluff Rd at Pine Harbor Rd, 19-22 May 2019, Nancy Crosby, not widespread in GA

Problema byssus, **Taylor Co.**, Fall Line Sandhills WMA, western section, W of Parks Rd, 3-6 Oct 2019, LAD, uncommon inland in GA

Lasiocampidae:

Heteropacha rileyana, **Stephens Co.**, along the Tugaloo River, 26 Aug 2017, MC, very few GA records

Heteropacha rileyana, **Taylor Co.**, Fall Line Sandhills WMA, western section, W of Parks Rd, 1-2 Sep 2019, JKA, uncommon in GA

Heteropacha rileyana, **Whitfield Co.**, Carbondale, I-75 exit 326, 5 Apr 2017, JKA, very few GA records

Limacodidae:

Packardia elegans, **Towns Co.**, Brasstown Bald, 0.3 mi E of parking lot, 16-17 Jun 2017, JKA, 34°52'11"N 83°48'18"W

Lycaenidae:

Hemiargus ceraunus, **Long Co.**, Townsend WMA, NW section, 8 mi of SE of Ludowici, 21 Sep 2019, JKA, not widespread in GA

Hemiargus ceraunus, **Wheeler Co.**, Alligator Creek WMA, late Sep, Giff Beaton, numerous larvae

Parhassius m-album, **Gordon Co.**, Calhoun, Sunset Hills subdivision, 27 Oct 2019, JKA, very late

Megalopygidae:

Megalopyge pyxidifera, **McIntosh Co.**, Sapelo Island, 25-28 Apr 2019, Adams, Scholtens, Durden, Hyatt, Slotten, new to island, few from GA

Noctuidae:

Acrapex relicta, **Clarke Co.**, Athens, SW suburbs, 11 Jun 2018, JP3, 3rd location in GA

Acrapex relicta, **Taylor Co.**, Fall Line Sandhills WMA, western section, W of Parks Rd, 25-27 May 2019, JKA, furthest inland of few records

Acronicta betulae, **Taylor Co.**, Fall Line Sandhills WMA, western section, W of Parks Rd, 1-4 Aug 2019, JKA

Acronicta funeralis, **Whitfield Co.**, Rocky Face Ridgeline, just SW of Dalton, 7-8 May & 27-28 Jul 2019, JKA, only known from a couple locations in GA

Bagisara repanda, **Lowndes Co.**, Grassy Pond, 9-12 Apr 2019, JKA, several specimens of uncommon moth

Bellura anoa, **Bulloch Co.**, Statesboro, 5-6 Apr 2019, JKA, very local

Bellura gortynoides, **Lowndes Co.**, Grassy Pond, 9-12 Apr 2019, JKA, local in GA

Cerastis fishii, **Dawson Co.**, Amicalola State Park, 6 Mar 2017, KYA, only known location in GA

Cerma cora, **Walker Co.**, Taylor's Ridgeline, 5 mi W of Villanow, 29-30 Mar 2019, JKA, uncommon in NW GA

Cucullia alfarata, **Candler Co.**, 3 mi NE of Metter, 18 Aug 2017, LAD, very few GA records

Cucullia alfarata, **Clarke Co.**, Athens, SW suburbs, 22 Aug 2014 & 23 Sep 2018, JP3, uncommon in GA

Cucullia alfarata, **Long Co.**, Griffin Ridge WMA, 20-21 Sep 2019, JKA, uncommon in GA

Cydosia aurivitta, **Bulloch Co.**, Statesboro, 17 Apr 2019, LAD, very uncommon

Dipterygia patina, **Gordon Co.**, Calhoun (JKA residence), 6 Mar 2019, JKA, 2nd in NW GA

Dipterygia patina, **Whitfield Co.**, Rocky Face Ridgeline, just SW of Dalton, 7-8 May & 28-29 Sep 2019, JKA, unknown from NW GA until recently

Dipterygia rozmani, **Whitfield Co.**, Rocky Face Ridgeline, just SW of Dalton, 15-16 Jul 2017, JKA, uncommon in GA

Epiglaea apiata, **Taylor Co.**, Fall Line Sandhills WMA, western section, W of Parks Rd, 23-24 Nov 2019, J/S, 3rd location in state

Fagitana littera, **Lowndes Co.**, Grassy Pond, 9-12 Apr 2019, JKA, very few in state

Gonodes liquida, **McIntosh Co.**, Sapelo Island, 25-28 Apr 2019, Adams, Scholtens, Durden, Hyatt, Slotten, 2nd record for island and state

Haedena etypa, **Whitfield Co.**, Rocky Face Ridgeline, just SW of Dalton, 6-7 Apr 2019, JKA, 3rd GA record

Heliocheilus lupatus, **Taylor Co.**, Fall Line Sandhills WMA, western section, W of Parks Rd, 3-6 Oct 2019, Adams & Durden

Lacinipolia erecta, **Taylor Co.**, Fall Line Sandhills WMA, western section, W of Parks Rd, 3-6 Oct 2019, Adams & Durden, 3rd location in state, many specimens

***Leucania pillipalpis*, McIntosh Co.**, Sapelo Island, 12-14 Oct 2017, AD1, **State record**

Leucania pillipalpis, **McIntosh Co.**, Sapelo Island, 26-29 Jun 2019, JKA, 2nd specimen for island and state

Lithophane disposita, **Clarke Co.**, Athens, SW suburbs, 1 Jan 2019, JP3, 3rd location in GA

Lithophane nr. disposita, **Clarke Co.**, Athens, SW suburbs, 4 Feb & 10 Oct 2018, JP3, uncommon in GA

Lithophane laceyi, **Bulloch Co.**, Statesboro, 17 Jan 2017, LAD, 2nd GA specimen

Lithophane laceyi, **Clarke Co.**, Athens, SW suburbs, 16 Feb 2018, JP3, 3rd location in GA

Lithophane lemmeri, **Clarke Co.**, Athens, SW suburbs, 2 Feb 2014 & 17 Jan 2019, JP3, 5 records all in Jan & Feb

Neoligia crytora, **Gilmer Co.**, West of Cherry Log, about 2000', 30-31 May 2019, Adams & Roy Morris, 2nd location in state

Phlogophora iris, **Gilmer Co.**, West of Cherry Log, about 2000', 30-31 May 2019, Adams & Roy Morris, 2nd location in state

Plagiomimicus ptyochromus, **Bartow Co.**, Salacoa Rd at Salacoa Creek, 5 mi ESE of Fairmount, 3-4 Sep 2017, JKA

Platypolia mactata, **Walker Co.**, Taylor's Ridgeline, 5 mi W of Villanow, 19-20 Oct 2017, JKA, uncommon in GA

Pseudeva purpurigera, **Gilmer Co.**, West of Cherry Log, about 2000', 30-31 May 2019, Adams & Roy Morris, 2nd location in state

Rusicada privata, **Clarke Co.**, Athens, SW suburbs, 29 Aug 2019, JP3, 2nd location in GA

Schinia fulleri, **Long Co.**, Griffin Ridge WMA, 20-21 Sep 2019, JKA

Schinia fulleri, **Long Co.**, Townsend WMA, NW section, 8 mi of SE of Ludowici, 21-22 Sep 2019, J/S

***Schinia grandimedia*, Whitfield Co.**, Rocky Face Ridgeline, just SW of Dalton, 8-17 Sep 2017, JKA, **State record**

Schinia grandimedia, **Whitfield Co.**, Rocky Face Ridgeline, just SW of Dalton, 27-28 Jul 2019, JKA, few GA records all from this location

Schinia meskeana, **Taylor Co.**, Fall Line Sandhills WMA, western section, W of Parks Rd, 25-27 May & 2 Sep 2019, JKA, first brood records

Schinia petulans, **Long Co.**, Townsend WMA, NW section, 8 mi of SE of Ludowici, 21-22 Sep 2019, J/S

Schinia sanguinea, **Long Co.**, Griffin Ridge WMA, 20-21 Sep 2019, JKA

Schinia sanguinea, **Long Co.**, Townsend WMA, NW section, 8 mi of SE of Ludowici, 21-22 Sep 2019, J/S

Schinia scissooides, **Long Co.**, Griffin Ridge WMA, 20-21 Sep 2019, JKA

Schinia scissooides, **Long Co.**, Townsend WMA, NW section, 8 mi of SE of Ludowici, 21-22 Sep 2019, J/S

***Schinia spinosae*, Taylor Co.**, Fall Line Sandhills WMA, western section, W of Parks Rd, 3-6 Oct 2019, Adams & Durden, likely **State record**

Sideridis congermana, **Whitfield Co.**, Rocky Face Ridgeline, just SW of Dalton, 15-16 Jul 2017, JKA, 2nd known GA specimen

Stiria rugifrons, **Whitfield Co.**, Rocky Face Ridgeline, just SW of Dalton, 26 Aug-9 Sep 2017, JKA, 7 specimens of uncommon species

Sympistis badistriga, **Whitfield Co.**, Rocky Face Ridgeline, just SW of Dalton, 7-8 May 2019, JKA, 1st record in 15+ years

Sympistis perscripta, **McIntosh Co.**, Sapelo Island, 25-28 Apr 2019, Adams, Scholtens, Durden, Hyatt, Slotten, 4th location in state

Xanthopastis regnatrix, **McIntosh Co.**, Sapelo Island, 25-28 Apr 2019, Adams, Scholtens, Durden, Hyatt, Slotten, new to island, uncommon in GA

Notodontidae:

Gluphisia septentrionis, **Whitfield Co.**, Carbondale, I-75 exit 326, 28 Aug 2017, JKA, few GA records

Hyparpax aurora, **Whitfield Co.**, Rocky Face Ridgeline, just SW of Dalton, 15-16 Jul 2017, JKA

***Schizura sp. nov.*, Taylor Co.**, Fall Line Sandhills WMA, western section, W of Parks Rd, 25-27 May 2019, JKA, **State record**

Nymphalidae:

Neonympha areolatus, **McIntosh Co.**, Townsend WMA, N section, 4.5 mi SW of Townsend, 11 May 2019, Nancy Crosby, local in GA, saw 'hundreds'

Psychidae:

Prochalia pygmaea, **Long Co.**, Griffin Ridge WMA, 7-8 May 2017, AA2

***Siederia walshella*, Dawson Co.**, Amicalola State Park, 6 Mar 2017, KYA, **State record**

Riodinidae:

Calephelis virginienis, **Long Co.**, Townsend WMA, NW section, 8 mi of SE of Ludowici, 21 Sep 2019, JKA, not widespread in GA

Calephelis virginienis, **McIntosh Co.**, Priester Rd, Shellman Bluff, 8 Jun 2019, Nancy Crosby, not widespread in GA

Saturniidae:

Anisota consularis, **Taylor Co.**, Fall Line Sandhills WMA, western section, W of Parks Rd, 1 Aug-2 Sep 2019, JKA, 3rd county in state, significant inland range extension

Callosamia securifera, **Taylor Co.**, Fall Line Sandhills WMA, western section, W of Parks Rd, 1-4 Aug 2019, JKA

Citheronia regalis, **McIntosh Co.**, Sapelo Island, 21 Aug 2017, JAH, island record

Citheronia regalis, **McIntosh Co.**, near Carnigan, 5 Dec 2017, DC1, well out of season, 31°25.658'N 81°23.960'W

Citheronia sepulcralis, **McIntosh Co.**, Sapelo Island, 21 Aug 2017, JAH

Sesiidae:

Synanthedon geliformis, **McIntosh Co.**, Sapelo Island, 26-29 Jun 2019, JKA, 2nd location in GA

Sphingidae:

Lintneria eremitus, **Chattooga Co.**, Menlo, 17 Sep 2019, Dustin King, 2nd record for GA

Sphinx franckii, Whitfield Co., Rocky Face Ridgeline, just SW of Dalton, 2-3 Jun 2019, JKA, uncommon in GA

Tineidae:

Oenoe hybromella, **McIntosh Co.**, Sapelo Island, 3 Jun 2016, BGS, **State record**

Pompostolella charipecta, **McIntosh Co.**, Sapelo Island, 2 Jun 2016, BGS, **State record**

Scardia anatomella, **McIntosh Co.**, Sapelo Island, 27 Jul 2017, JAH, island record, uncommon in GA

Xystrologa nov. sp., **McIntosh Co.**, Sapelo Island, 5 May 2016, AD1, **State record**

Tischeriidae:

Tischeria quercitella, **McIntosh Co.**, Sapelo Island, 8 Jul 2016, LAD, **State record**

Tortricidae:

Archips grisea, **McIntosh Co.**, Sapelo Island, 5 May 2016, AD1, **State record**

Olethreutes malana, **Clarke Co.**, Athens, SW suburbs, 26 Jun 2018, JP3, likely **State record**

Pelochrista quinquefasciata, **Taylor Co.**, Fall Line Sandhills WMA, western section, W of Parks Rd, 3-6 Oct May 2019, Adams & Durden

Sparganothis mcguinnessi, **Taylor Co.**, Fall Line Sandhills WMA, western section, W of Parks Rd, 14-16 Jun & 3-6 Oct 2019, J/S, significant southward range extension, Aug & Sep also, **State record**

Sparganothis niteolinea, **Taylor Co.**, Fall Line Sandhills WMA, western section, W of Parks Rd, 1 Sep-6 Oct 2019, Adams & Durden, 2nd in state, significant inland range extension

Zomaria rosaeochreana, **Taylor Co.**, Fall Line Sandhills WMA, western section, W of Parks Rd, 1-2 Sep 2019, JKA, significant inland range extension

Thyrididae:

Meskea dyspteraria, **Bulloch Co.**, Statesboro, 10 Mar 2017, LAD, 2nd GA specimen

Louisiana:

Erebidae:

Ascalapha odorata, East Baton Rouge Parish, W. Zachary, 18 Jul 2019, MLI

Catocala cara, West Baton Rouge Parish, Morley, 28 Jul 2019, MLI

Horama panthalon, East Baton Rouge Parish, W. Zachary, 18 Jul 2019, MLI

Hesperiidae:

Amblyscirtes aesculapius, Evangeline Parish, LA Arboretum, 2 Jun 2019, CWM

Amblyscirtes aesculapius, St. Landry Parish, Thistlethwaite WMA, 3 Mar 2017, CWM, 8 seen, early

Amblyscirtes alternata, Rapides Parish, Evangeline Primitive camp area, Kisatchie NF, 16 Jun 2017, CWM

Amblyscirtes alternata, Vernon Parish, Drake's Bog, Kisatchie NF, 21 Mar 2017, CWM

Amblyscirtes hegon, Vernon Parish, Drake's Bog, Kisatchie NF, 21 Mar 2017, CWM

Amblyscirtes hegon, Winn Parish, Lane Rd, Kisatchie NF, 20 Mar 2017, CWM

Anatrytone logan, Iberia Parish, Avery Island, 27 Apr 2019, CWM

Anatrytone logan, St. Mary Parish, N Bend, E Unit, Bayou Teche NWR, 21 Oct 2017, CWM

Atrytonopsis hianna loammi, Natchitoches Parish, Kisatchie NF, 26 Mar 2017, CWM

Atrytonopsis hianna loammi, Vernon Parish, Dove Field, Kisatchie NF, 21 Mar 2017, CWM

Calpodus ethlius, Iberia Parish, Rip's Rookery, Rip Van Winkle Gardens, 21 Oct 2017, CWM, 5 seen at Canna growing along edge of 1st pond

Calpodus ethlius, Lafayette Parish, local nursery within City of Lafayette, 11 May 2019, CWM

Cecropterus bathyllus, East Feliciana Parish, Asphodel Plantation, S. Jackson, 10-12 Aug 2019, MLI

Cecropterus confusis, Calcasieu Parish, Persimmon Gully, 14 Mar 2017, CWM

Cecropterus confusis, Natchitoches Parish, Kisatchie NF, 8 Apr 2017, CWM

Cecropterus lyciades, Vernon Parish, Cooter's Bog, Kisatchie NF, 19 Apr 2019, CWM

Euphyes arpa, Baldwin Parish, Mobile Street, Fort Morgan, 23 Sep 2017, CWM

Euphyes bayensis, Cameron Parish, Blue Goose and West Cove areas, 7 Oct 2017, CWM, 13 seen, mostly fresh males

Euphyes dukesi, St. Mary Parish, N Bend, E Unit, Bayou Teche NWR, 21 Oct 2017, CWM, 7 seen, latest Oct sightings yet

Euphyes dukesi, **West Baton Rouge Parish**, Morley, 29 Jul 2019, MLI

Euphyes pilatka, St. Tammany Parish, Big Branch Marsh NWR, 2 Sep 2017, CWM

Hesperia meskei, Vernon Parish, Fullerton Lake, Kisatchie NF, 15 Jun 2019, CWM, 2 males

Nastra neamathla, St. Tammany Parish, Lake Ramsey Savannah WMA, 2 Sep 2017, CWM

Nastra neamathla, St. Tammany Parish, Big Branch Marsh NWR, 2 Sep 2017, CWM

Nastra neamathla, Washington Parish, near Enon, 12 Aug 2017, CWM

Oligoria maculata, St. Mary Parish, Hwy 317 at long bridge, 21 Oct 2017, CWM, very late

Oligoria maculata, St. Tammany Parish, Lake Ramsey Savannah WMA, 2 Sep 2017, CWM

Oligoria maculata, St. Tammany Parish, Big Branch Marsh NWR, 2 Sep 2017, CWM

Oligoria maculata, Vernon Parish, Cooter's Bog, Kisatchie NF, 1 Oct 2017, CWM

Oligoria maculata, Vernon Parish, Cooter's Bog, Kisatchie NF, 2 Sep 2019, CWM

Oligoria maculata, Washington Parish, near Enon, 12 Aug 2017, CWM

Panoquina panoquin, Cameron Parish, Blue Goose and West Cove areas, 7 Oct 2017, CWM, 12 seen, with *P. aaroni* and *E. bayensis*

Poanes aaroni, Cameron Parish, Blue Goose and West Cove areas, 7 Oct 2017, CWM, 9 seen, both worn and fresh

Poanes viator, St. Mary Parish, Burn's Point, 21 Oct 2017, CWM, many flying around food plant in swamp north of entrance
Poanes viator, St. Tammany Parish, Big Branch Marsh NWR, 2 Sep 2017, CWM
Polites themistocles, St. Tammany Parish, Lake Ramsey Savannah WMA, 2 Sep 2017, CWM
Polites vibex, Vernon Parish, Dove Field, Kisatchie NF, 19 Apr 2019, CWM

Lycaenidae:

Callophrys gryneus, Winn Parish, Keiffer Prairie, Kisatchie NF, 20 Mar 2017, CWM
Callophrys irus, Natchitoches Parish, Kisatchie NF, 28 Mar 2017, CWM
Callophrys irus, Winn Parish, Kisatchie NF, 20 Mar 2017, CWM, 9 seen at indigo plants growing along side of forest rds
Callophrys niphon, Vernon Parish, Fullerton Lake, 24 Mar 2019, CWM, located by Jean Trahan
Celastrina ladon?, East Feliciana Parish, Asphodel Plantation, S. Jackson, 4 Feb 2019, MLI, early date
Parrhasius m-album, Lafayette Parish, City of Lafayette, 27 Apr & 11 Aug 2019, CWM
Parrhasius m-album, Vernon Parish, Allen Acres, 29 Jul 2017, CWM
Satyrium calanus, Evangeline Parish, LA Arboretum, 18 May 2019, CWM, 9 seen
Satyrium favonius, Iberia Parish, Avery Island, 27 Apr 2019, CWM, 21 seen
Satyrium kingi, Evangeline Parish, Louisiana Arboretum, 28 May 2017, CWM
Satyrium kingi, Vernon Parish, Road C130V, Kisatchie NF, 15 Jun 2019, CWM, 8 seen
Strymon istapa, Vernon Parish, Kisatchie NF, dove field, 21 Oct 2017, WBM

Noctuidae:

***Catocala myrsitica*, Winn Parish**, Natchitoches NF, Lane Rd, 17 Jul 2017, RLP, western range extension, **State record**
***Schinia ultima*, Natchitoches Parish**, Natchitoches NF, Red Bluff Camp Rd, 19 Sep 2017, RLP, ID confirmed by Chuck Harp, previous was misidentification, **State record**

Nymphalidae:

Anthanassa texana seminole, St. Mary Parish, N Bend, E Unit, Bayou Teche NWR, 21 Oct 2017, CWM, 2 males, late
Cercyonis pegala, Allen Parish, CC Road Preserve, 3 Jun 2017, CWM
Cercyonis pegala, Vernon Parish, Cooter's Bog, Kisatchie NF, 15 Jul & 29 Sep 2019, CWM, 28 seen
Chlosyne nycteis, Vernon Parish, Cooter's Bog, Kisatchie NF, 24 Mar 2019, CWM
Cyllopsis gemma, Vernon Parish, Fullerton Lake, Kisatchie NF, 19 Apr-24 Mar 2019, CWM
Junonia coenia, East Baton Rouge Parish, Baton Rouge, 24 Feb 2019, MLI, early date
Lethe anthedon, Evangeline Parish, LA Arboretum, 18 May 2019, CWM
Lethe appalachia, St. Mary Parish, N Bend, E Unit, Bayou Teche NWR, 21 Oct 2017, CWM, 10 seen, males and females, late
Neonympha areolatus, Vernon Parish, Cooter's Bog, Kisatchie NF, 1-14 Oct 2017, CWM, 36 seen first visit, only 5 the last
Neonympha areolatus, Vernon Parish, Cooter's Bog, Kisatchie NF, 2-29 Sep 2019, CWM, 18 seen
Neonympha areolatus, Washington Parish, near Enon, 12 Aug 2017, CWM

Papilionidae:

Papilio cresphontes, St. Martin Parish, Henderson area, 19 Apr 2019, CWM, very early
Papilio palamedes, Vernon Parish, Cooter's Bog, Kisatchie NF, 14 Oct 2017, CWM, last over course of year

Pieridae:

Phoebis sennae, Lafayette Parish, with City of Lafayette limits, 6 Jun 2019, CWM

Riodinidae:

Calephelis virginiensis, Allen Parish, CC Road Preserve, 14 Mar 2017, CWM
Calephelis virginiensis, Vernon Parish, Drake's Bog, Kisatchie NF, 21 Mar 2017, CWM
Calephelis virginiensis, Vernon Parish, Cooter's Bog, Kisatchie NF, 1-14 Oct 2017, CWM, 3 fresh males on last date
Calephelis virginiensis, Vernon Parish, Cooter's Bog, Kisatchie NF, 19 Apr & 29 Sep 2019, CWM

Saturniidae:

Citheronia regalis, East Feliciana Parish, S. Jackson, 5 Aug 2019, MLI

Spingidae:

Ceratomyia amyntor, East Feliciana Parish, Asphodel Plantation, S. Jackson, 27 Mar 2019, MLI
Ceratomyia undulosa, Evangeline Parish, Ville Platte, 6 Sep 2019, MLI, larva on ash
Erynnis ello, East Feliciana Parish, S. Jackson, 16 Jul 2019, MLI
Eumorphia acheman, East Feliciana Parish, S. Jackson, 28 Jun 2019, MLI
Hyles lineata, East Baton Rouge Parish, Baton Rouge, 25 Feb 2019, MLI

Mississippi:

Erebidae:

Ascalapha odorata, **Lowndes Co.**, Crawford, 5 Jul 2017, RLP
Catocala alabamae, **Issaquena Co.**, Magna Vista, 26 Jun 2017, RLP, ID by Robert Borth
Catocala innubens, **Chickasaw Co.**, Natchez Trace Pkwy, mi 225.4, 9 Jul 2017, RLP
Catocala luctuosa, Lee Co., NE of Palmetto Community, 31 Jul 2017, RLP, 34.199N 88.790W
Catocala luctuosa, **Pontotoc Co.**, ENE of Troy, 1 Aug 2017, RLP, 34.126N 88.848W
Catocala myristica, Chickasaw Co., Natchez Trace Parkway mile 226, 9 Sep 2016, RLP, late flight
Catocala myristica, Lowndes Co., Crawford, 5 Jul 2017, RLP
Catocala myristica, **Monroe Co.**, Hwy 45A, 1.4 mi N of Clay/Monroe Co line, 26 Jul 2017, RLP
Catocala resecta, **Pontotoc Co.**, ENE of Troy, 1 Aug 2017, RLP, 34.126N 88.848W
Catocala robinsonii, Lee Co., NE of Palmetto Community, 31 Jul 2017, RLP, 34.199N 88.790W

Catocala robinsonii, **Pontotoc Co.**, ENE of Troy, 1 Aug 2017, RLP, 34.126N 88.848W
Catocala sappho, **Chickasaw Co.**, Natchez Trace Pkwy, mi 225.4, 9 Jul 2017, RLP
Catocala sappho, **Clay Co.**, Hwy 45A, 2.7 mi N of West Point, 5 Jul 2017, RLP
Catocala sappho, Lowndes Co., Crawford, 2 Jul 2017, RLP
Catocala sappho, **Monroe Co.**, Hwy 45A, 1.4 mi N of Clay/Monroe Co line, 10 Jul 2017, RLP
Catocala ulalume, Lowndes Co., Crawford, 2 Jul 2017, RLP
Catocala ulalume, **Pontotoc Co.**, ENE of Troy, 1 Aug 2017, RLP, 34.126N 88.848W

Geometridae:

Philtraea monillata, Warren Co., Vicksburg, 5 Jun 2019, RLP

Hesperiidae:

Calpodus ethlius, **Warren Co.**, Vicksburg, 31 Oct 2017, RLP, emerged from larva found on *Canna*
Poanes zabulon, **Walthall Co.**, Beechnut Nature Area, 30 Mar 2019, CWM, also Charles Mills
Polites themistocles, Walthall Co., Beechnut Nature Area, 30 Mar-8 Jun 2019, CWM

Lycaenidae:

Satyrium kingi, **Walthall Co.**, Beechnut Nature Area, 8 Jun 2019, CWM, also Charles Mills, 2 seen

Nymphalidae:

Chlosyne nycteis, Walthall Co., Beechnut Nature Area, 30 Mar 2019, CWM
Lethe portlandia, Walthall Co., Beechnut Nature Area, 30 Mar 2019, CWM

Riodinidae:

Calephelis virginensis, **Warren Co.**, Vicksburg, 13 Oct 2017, RLP
Calephelis virginensis, Warren Co., Vicksburg, 9 Aug 2019, RLP, abundant in overgrown field

Saturniidae:

Automeris louisiana, **Hancock Co.**, Point Clear Island, 24 Apr 1987, RLP, in MEM collection

Sphingidae:

Manduca jasminearum, **Carroll Co.**, I-55 northbound rest area, mile marker 163, 29 Jul 2019, RLP

North Carolina:

Autostichidae:

Gerdana caritella, Cabarrus Co., Concord, 18 Jun 2017, DW2

Blastobasidae:

Asaphocrita aphidella, Cabarrus Co., Concord, 20 Sep 2017, DW2

Choreutidae:

Tebenna gnaphaliella, Mecklenburg Co., Reedy Creek Nature Preserve, 20 May 2017, RGI, 35.263581N 80.713499W

Coleophoridae:

Coleophora trifolii, Cabarrus Co., Concord, 29 May 2017, DW2

Cosmopterigidae:

***Melanoclinis sparsa*, Cabarrus Co.**, Concord, 11 May 2018, DW2, possible **State record**
Triclonella pergandeella, Cabarrus Co., Concord, 31 May 2017, DW2
Triclonella pergandeella, Mecklenburg Co., Reedy Creek Nature Preserve, 22 Jul 2017, RGI, 35.263581N 80.713499W
Walshia miscecolorella, Cabarrus Co., Concord, 11 Apr 2017, DW2

Crambidae:

Chalcoela iphitalis, **Cabarrus Co.**, Concord, 10 Aug 2016, DW2, ID by Brian Scholtens
Condylorrhiza vestigialis, Cabarrus Co., Concord, 14 Sep 2016, DW2
Crambus leachellus, **Cabarrus Co.**, Concord, 15 Oct 2012, DW2, ID by Brian Scholtens
Crambus praefectellus, **Cabarrus Co.**, Concord, 14 Apr 2017, DW2, ID by Brian Scholtens
Crambus saltuellus, Cabarrus Co., Concord, 1 Aug 2016, DW2
Crocidophora pustuliferalis, **Cabarrus Co.**, Concord, 11 Apr 2017, DW2
Crocidophora pustuliferalis, Cabarrus Co., Concord, 19 Jul 2019, DW2, ID by Brian Scholtens
Desmia funeralis, Mecklenburg Co., Reedy Creek Nature Preserve, 27 Apr 2017, RGI, 35.263581N 80.713499W
***Diasemiopsis leodocualis*, Cabarrus Co.**, Concord, 17 Aug 2017, DW2, ID by Brian Scholtens & Bo Sullivan, possible **State record**
Ecpyrrhorrhoe puralis, Cabarrus Co., Concord, 27 Jul 2017, DW2
Eoreuma densella, **Cabarrus Co.**, Concord, 14 Sep 2017, DW2, ID by Bo Sullivan
Epipagis fenestralis, Cabarrus Co., Concord, 26 Jun 2017, DW2
Glaphyria fulminalis, Cabarrus Co., Concord, 20 Jul 2017, DW2
Glaphyria peremptalis, **Cabarrus Co.**, Concord, 20 Jul 2017, DW2, ID by Brian Scholtens
Hahncappsia mancalis, **Cabarrus Co.**, Concord, 20 Jul 2019, DW2, ID by Brian Scholtens
Herpetogramma fluctuosalis, Cabarrus Co., Concord, 6 Aug 2016, DW2
Loxomorpha flavidissimalis, Cabarrus Co., Concord, 20 Sep 2017, DW2
Neodactria caliginosellus, Cabarrus Co., Concord, 31 May 2017, DW2
Neodactria luteolellus, **Cabarrus Co.**, Concord, 25 May 2018, DW2, ID by Brian Scholtens
***Neodactria zeellus*, Cabarrus Co.**, Concord, 19 Jul 2019, DW2, ID by Brian Scholtens, possible **State record**
Palpita illibalis, **Cabarrus Co.**, Concord, 21 Jul 2019, DW2, ID by Brian Scholtens
Palpita magniferalis, Mecklenburg Co., Reedy Creek Nature Preserve, 27 Apr 2017, RGI, 35.263581N 80.713499W
Parapoynx seminealis, Richmond Co., Sandhills Gamelands, 3 Jun 2017, RGI, 34.993056N 79.531944W

Pleuroptya silicalis, Cabarrus Co., Concord, 17 Jun 2014, DW2
Samea multiplicalis, **Cabarrus Co.**, Concord, 16 Jun 2019, DW2, ID by Brian Scholtens

Depressariidae:

Antaeotricha humilis, Cabarrus Co., Concord, 17 May 2017, DW2
Antaeotricha unipunctella, Cabarrus Co., Concord, 19 Jun 2017, DW2
Ethmia monticola, Cabarrus Co., Concord, 18 Aug 2017, DW2
Menesta melanella, **Cabarrus Co.**, Concord, 24 Jul 2019, DW2, ID by Brian Scholtens

Drepanidae:

Pseudothyatira cymatophoroides, Mecklenburg Co., Reedy Creek Nature Preserve, 22 Jul 2017, RGI, 35.263581N 80.713499W

Elachistidae:

Elachista acentata, Cabarrus Co., Concord, 1 Jun 2017, DW2

Erebidae:

Apantesis phalerata, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 30 Sep 2017, RGI, 35.378547N 80.967172W
Apantesis vittata, **Cabarrus Co.**, Concord, 2 Sep 2019, DW2, ID by Bo Sullivan
Ascalapha odorata, Rockingham Co., Mayo River State Park, 13 Sep 2017, BBO
Bleptina caradrinalis, Mecklenburg Co., Reedy Creek Nature Preserve, 31 Mar 2017, RGI, 35.263581N 80.713499W
Caenurgia chloropha, Mecklenburg Co., Reedy Creek Nature Preserve, 18 Apr 2017, RGI, 35.263581N 80.713499W
Catocala luctuosa, **Cabarrus Co.**, Concord, 1 Sep 2019, DW2, ID by L. Gall
Catocala orba, **Cabarrus Co.**, Concord, 17 Jun 2019, DW2, ID by L. Gall
Cisseps fulvicollis, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 30 Sep 2017, RGI, 35.378547N 80.967172W
Clemensia albata, Mecklenburg Co., Reedy Creek Nature Preserve, 3 Apr 2017, RGI, 35.263581N 80.713499W
Dyspyralis nigellus, **Cabarrus Co.**, Concord, 16 Jun 2018, DW2, ID by Bo Sullivan
Grammia parthenice, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 30 Sep 2017, RGI, 35.378547N 80.967172W
Hemeroplanis scopulepes, Cabarrus Co., Concord, 12 Jun 2016, DW2
Hypena abalienalis, Mecklenburg Co., Reedy Creek Nature Preserve, 22 Jul 2017, RGI, 35.263581N 80.713499W
Hypena madefactalis, Mecklenburg Co., Reedy Creek Nature Preserve, 22 Jul 2017, RGI, 35.263581N 80.713499W
Hypena scabra, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 30 Sep 2017, RGI, 35.378547N 80.967172W
Hyperstrotia secta, Mecklenburg Co., Sherman Branch Nature Preserve, 22 Jun 2017, RGI, 35.2381222N 80.967172W
***Melipotis fasciolaris*, Cabarrus Co.**, Concord, 21 Aug 2012, DW2, **State record**
Pagara simplex, Cabarrus Co., Concord, 20 Mar 2017, DW2
Palthis asopialis, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 30 Sep 2017, RGI, 35.378547N 80.967172W
Parahyphenodes quadralis, Cabarrus Co., Concord, 29 May 2017, DW2
Pygarctia abdominalis, Moore Co., Weymouth Woods Nature Preserve, 3 Jun 2017, RGI, 35.148056N 79.368611W
Redectis pygmaea, **Cabarrus Co.**, Concord, 9 Jun 2018, DW2, ID by Bo Sullivan
Schranksia macula, Mecklenburg Co., Reedy Creek Nature Preserve, 22 Jul 2017, RGI, 35.263581N 80.713499W
Spilosoma dubia, Mecklenburg Co., Reedy Creek Nature Preserve, 3 Apr 2017, RGI, 35.263581N 80.713499W
Virbia aurantiaca, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 30 Sep 2017, RGI, 35.378547N 80.967172W
Virbia rubicundaria, Cabarrus Co., Concord, 6 Aug 2016, DW2
Zale lunata, Mecklenburg Co., Reedy Creek Nature Preserve, 27 Apr 2017, RGI, 35.263581N 80.713499W
Zale lunifera, **Cabarrus Co.**, Concord, 11 Mar 2018, DW2, ID by Bo Sullivan

Gelechiidae:

Agrippe leuconota, **Cabarrus Co.**, Concord, 28 Mar 2019, DW2, to be dissected for confirmation
Agrippe prunifoliella, **Cabarrus Co.**, Concord, 28 Mar 2019, DW2, ID by Brian Scholtens
***Caryocolum pullatella*, Cabarrus Co.**, Concord, 4 Jun 2018, DW2, possible **State record**
Chionodes bicostomaculella, **Cabarrus Co.**, Concord, 15 Jun 2018, DW2, ID by Bo Sullivan
Chionodes mediofuscella, Cabarrus Co., Concord, 13 Apr 2017, DW2
Coleotechnites nigrinus, Cabarrus Co., Concord, 12 Apr 2017, DW2
Coleotechnites quercivorella, **Cabarrus Co.**, Concord, 11 May 2015, DW2, ID by Bo Sullivan
Filatima pseudacaciella, **Cabarrus Co.**, Concord, 11 Sep 2016, DW2, ID by Bo Sullivan
Glauce pectenaelella, Cabarrus Co., Concord, 31 May 2017, DW2
Monochroa quinquepunctella, Cabarrus Co., Concord, 16 Apr 2017, DW2
Pseudotelphusa basifasciella, Cabarrus Co., Concord, 23 Jul 2017, DW2
Stegasta bosqueella, Cabarrus Co., Concord, 23 Jul 2017, DW2
Stereomita andropogonis, Cabarrus Co., Concord, 12 Apr 2017, DW2
***Xenolechia ontariensis*, Cabarrus Co.**, Concord, 12 Apr & 24 Jun 2017, DW2, possible **State record**

Geometridae:

Anavitrinella pampinaria, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 30 Sep 2017, RGI, 35.378547N 80.967172W
***Cyclophora nanaria*, Cabarrus Co.**, Concord, 24 May 2017, DW2, **State record**
Dichorda iridaria, Mecklenburg Co., Reedy Creek Nature Preserve, 14 Apr 2017, RGI, 35.263581N 80.713499W
Eubaphe meridiana, Cabarrus Co., Concord, 10 Jun 2016, DW2
***Idaea bonifata*, Cabarrus Co.**, Concord, 1 Jun 2016, DW2, **State record**
Lobocleta ossularia, **Cabarrus Co.**, Concord, 19 Jun 2017, DW2, ID by Bo Sullivan
Macaria bisignata, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 30 Sep 2017, RGI, 35.378547N 80.967172W
Plagodis alcoolaria, Mecklenburg Co., Reedy Creek Nature Preserve, 27 Apr 2017, RGI, 35.263581N 80.713499W
Tetracis cachexiata, Mecklenburg Co., Reedy Creek Nature Preserve, 27 Apr 2017, RGI, 35.263581N 80.713499W

Glyphipterigidae:

Acrolepiopsis leucoscia, Cabarrus Co., Concord, 13 Apr 2018, DW2, ID by Brian Scholtens

Gracillariidae:

Caloptilia hypericella, Cabarrus Co., Concord, 10 Apr 2017, DW2

Hesperiidae:

Anatrytone logan, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 5 Aug 2017, RGI, 35.378547N 80.967172W
Ancyloxypha numitor, Richmond Co., Sandhills Gamelands, 3 Jun 2017, RGI, 34.993056N 79.531944W
Atalopedes campestris, Mecklenburg Co., Latta Plantation Nature Preserve, 31 Jul-5 Aug 2017, RGI, 35.355075N 80.9090917W
Atalopedes campestris, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 5 Aug 2017, RGI, 35.378547N 80.967172W
Burnsius communis, Mecklenburg Co., Reedy Creek Nature Preserve, 23 Mar 2017, RGI, 35.263581N 80.713499W
Burnsius communis, Mecklenburg Co., Latta Plantation Nature Preserve, 31 Jul-5 Aug 2017, RGI, 35.355075N 80.9090917W
Burnsius communis, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 5 Aug 2017, RGI, 35.378547N 80.967172W
Cecropterus bathyllus, Mecklenburg Co., Latta Plantation Nature Preserve, 5 Aug 2017, RGI, 35.355075N 80.9090917W
Cecropterus bathyllus, Richmond Co., Sandhills Gamelands, 3 Jun 2017, RGI, 34.993056N 79.531944W
Cecropterus pylades, Mecklenburg Co., Latta Plantation Nature Preserve, 31 Jul-5 Aug 2017, RGI, 35.355075N 80.9090917W
Cecropterus pylades, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 5 Aug 2017, RGI, 35.378547N 80.967172W
Epargyreus clarus, Mecklenburg Co., Steven's Road Nature Preserve, 7 Apr 2017, RGI, 35.41097N 80.946522W
Epargyreus clarus, Mecklenburg Co., Latta Plantation Nature Preserve, 31 Jul-5 Aug 2017, RGI, 35.355075N 80.9090917W
Epargyreus clarus, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 5 Aug 2017, RGI, 35.378547N 80.967172W
Epargyreus clarus, Moore Co., Sandhills Horticultural Gardens at Sandhills Community College, 3 Jun 2017, RGI, 35.220278N 79.401389W
Erynnis horatius, Mecklenburg Co., Latta Plantation Nature Preserve, 31 Jul-5 Aug 2017, RGI, 35.355075N 80.9090917W
Erynnis horatius, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 5 Aug 2017, RGI, 35.378547N 80.967172W
Erynnis horatius, Moore Co., Weymouth Woods Nature Preserve, 3 Jun 2017, RGI, 35.148056N 79.368611W
Erynnis horatius, Moore Co., Sandhills Horticultural Gardens at Sandhills Community College, 3 Jun 2017, RGI, 35.220278N 79.401389W
Erynnis horatius, Richmond Co., Sandhills Gamelands, 3 Jun 2017, RGI, 34.993056N 79.531944W
Erynnis juvenalis, Mecklenburg Co., Steven's Road Nature Preserve, 7 Apr 2017, RGI, 35.41097N 80.946522W
Erynnis juvenalis, Mecklenburg Co., Reedy Creek Nature Preserve, 23 Mar-17 May 2017, RGI, 35.263581N 80.713499W
Erynnis zarucco, Richmond Co., Sandhills Gamelands, 3 Jun 2017, RGI, 34.993056N 79.531944W
Euphyes dion, Moore Co., Sandhills Horticultural Gardens at Sandhills Community College, 3 Jun 2017, RGI, 35.220278N 79.401389W
Euphyes vestris, Mecklenburg Co., Latta Plantation Nature Preserve, 1 Aug 2017, RGI, 35.355075N 80.9090917W
Euphyes vestris, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 5 Aug 2017, RGI, 35.378547N 80.967172W
Euphyes vestris, Moore Co., Sandhills Horticultural Gardens at Sandhills Community College, 3 Jun 2017, RGI, 35.220278N 79.401389W
Euphyes vestris, Richmond Co., Sandhills Gamelands, 3 Jun 2017, RGI, 34.993056N 79.531944W
Hylephila phyleus, Cabarrus Co., Concord, 16 Sep 2017, DW2
Hylephila phyleus, Mecklenburg Co., Latta Plantation Nature Preserve, 31 Jul-5 Aug 2017, RGI, 35.355075N 80.9090917W
Hylephila phyleus, Moore Co., Sandhills Horticultural Gardens at Sandhills Community College, 3 Jun 2017, RGI, 35.220278N 79.401389W
Hylephila juvenalis, Mecklenburg Co., Sandhills Gamelands, 3 Jun 2017, RGI, 34.993056N 79.531944W
Lerema accius, Mecklenburg Co., Latta Plantation Nature Preserve, 31 Jul-5 Aug 2017, RGI, 35.355075N 80.9090917W
Lerema accius, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 5 Aug 2017, RGI, 35.378547N 80.967172W
Lerodea eufala, Mecklenburg Co., Latta Plantation Nature Preserve, 31 Jul 2017, RGI, 35.355075N 80.9090917W
Nastra lherminier, Mecklenburg Co., Latta Plantation Nature Preserve, 31 Jul-5 Aug 2017, RGI, 35.355075N 80.9090917W
Nastra lherminier, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 5 Aug 2017, RGI, 35.378547N 80.967172W
Panoquina ocola, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 5 Aug 2017, RGI, 35.378547N 80.967172W
Poanes zabulon, Mecklenburg Co., Reedy Creek Nature Preserve, 17 May 2017, RGI, 35.263581N 80.713499W
Poanes zabulon, Mecklenburg Co., Latta Plantation Nature Preserve, 31 Jul-5 Aug 2017, RGI, 35.355075N 80.9090917W
Poanes zabulon, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 5 Aug 2017, RGI, 35.378547N 80.967172W
Pompeius verna, Mecklenburg Co., Latta Plantation Nature Preserve, 5 Aug 2017, RGI, 35.355075N 80.9090917W
Pompeius verna, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 5 Aug 2017, RGI, 35.378547N 80.967172W
Wallengrenia egeremet, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 5 Aug 2017, RGI, 35.378547N 80.967172W
Wallengrenia otho, Mecklenburg Co., Latta Plantation Nature Preserve, 1-5 Aug 2017, RGI, 35.355075N 80.9090917W

Lecithoceridae:

Scythriodes issikii, Cabarrus Co., Concord, 1 Sep 2018, DW2, ID by Brian Scholtens & Bo Sullivan, **State record**

Limacodidae:

Parasa indetermina, Mecklenburg Co., Reedy Creek Nature Preserve, 22 Jul 2017, RGI, 35.263581N 80.713499W
Tortricidia testacea, Mecklenburg Co., Reedy Creek Nature Preserve, 27 Apr 2017, RGI, 35.263581N 80.713499W

Lycaenidae:

Calycopis cecrops, Mecklenburg Co., Steven's Road Nature Preserve, 7 Apr 2017, RGI, 35.41097N 80.946522W
Calycopis cecrops, Mecklenburg Co., Latta Plantation Nature Preserve, 5 Aug 2017, RGI, 35.355075N 80.9090917W
Calycopis cecrops, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 5 Aug 2017, RGI, 35.378547N 80.967172W
Celastrina neglecta, Mecklenburg Co., Latta Plantation Nature Preserve, 5 Aug 2017, RGI, 35.355075N 80.9090917W
Celastrina neglecta, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 5 Aug 2017, RGI, 35.378547N 80.967172W
Celastrina neglecta, Moore Co., Weymouth Woods Nature Preserve, 3 Jun 2017, RGI, 35.148056N 79.368611W
Cupido comyntas, Mecklenburg Co., Steven's Road Nature Preserve, 4 Apr 2017, RGI, 35.41097N 80.946522W
Cupido comyntas, Mecklenburg Co., Reedy Creek Nature Preserve, 23 Mar-17 May 2017, RGI, 35.263581N 80.713499W
Cupido comyntas, Mecklenburg Co., Latta Plantation Nature Preserve, 31 Jul-5 Aug 2017, RGI, 35.355075N 80.9090917W
Cupido comyntas, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 5 Aug 2017, RGI, 35.378547N 80.967172W

Cupido comyntas, Moore Co., Weymouth Woods Nature Preserve, 3 Jun 2017, RGI, 35.148056N 79.368611W
Cupido comyntas, Richmond Co., Sandhills Gamelands, 3 Jun 2017, RGI, 34.993056N 79.531944W
Satyrrium calanus, Mecklenburg Co., Reedy Creek Nature Preserve, 17-19 May 2017, RGI, 35.263581N 80.713499W
Satyrrium edwardsii, Moore Co., Weymouth Woods Nature Preserve, 3 Jun 2017, RGI, 35.148056N 79.368611W
Satyrrium kingi, Moore Co., Weymouth Woods Nature Preserve, 3 Jun 2017, RGI, 35.148056N 79.368611W
Strymon melinus, Mecklenburg Co., Latta Plantation Nature Preserve, 31 Jul-1 Aug 2017, RGI, 35.355075N 80.9090917W
Strymon melinus, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 5 Aug 2017, RGI, 35.378547N 80.967172W
Strymon melinus, Moore Co., Weymouth Woods Nature Preserve, 3 Jun 2017, RGI, 35.148056N 79.368611W
Strymon melinus, Richmond Co., Sandhills Gamelands, 3 Jun 2017, RGI, 34.993056N 79.531944W

Nepticulidae:

Stigmella macrocarpa, Cabarrus Co., Concord, 18 Jun 2017, DW2

Noctuidae:

Acronicta noctivaga, Cabarrus Co., Concord, 28 Jul 2017, DW2
Acronicta spinigera, Cabarrus Co., Concord, 24 Jul 2017, DW2
Agnorisma badinodis, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 17 Oct 2017, RGI, 35.378547N 80.967172W
Athetis tarda, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 30 Sep 2017, RGI, 35.378547N 80.967172W
Callopietria floridensis, Mecklenburg Co., Reedy Creek Nature Preserve, 29 Sep 2017, RGI, 35.263581N 80.713499W
Chaetagnathia sericea, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 30 Sep-17 Oct 2017, RGI, 35.378547N 80.967172W
Choephora fungorum, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 21 Oct 2017, RGI, 35.378547N 80.967172W
Elaphria georgei, Mecklenburg Co., Reedy Creek Nature Preserve, 3 Apr 2017, RGI, 35.263581N 80.713499W
Elaphria nucicolora, Cabarrus Co., Concord, 15 Sep 2017, DW2
Elaphria versicolor, Mecklenburg Co., Reedy Creek Nature Preserve, 22 Jul 2017, RGI, 35.263581N 80.713499W
Eucirroedia pampina, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 17 Oct 2017, RGI, 35.378547N 80.967172W
Euxoa scholastica, Cabarrus Co., Concord, 22 Jun 2012, DW2
Feltia subterranea, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 30 Sep-17 Oct 2017, RGI, 35.378547N 80.967172W
Feltia tricolora, Cabarrus Co., Concord, 25 Sep 2012, DW2
Harrisememna trisignata, Mecklenburg Co., Ribbonwalk Nature Preserve, 8 Sep 2017, RGI, 35.296824N 80.821368W
Homophoberia apicosa, Mecklenburg Co., Reedy Creek Nature Preserve, 22 Jul 2017, RGI, 35.263581N 80.713499W
Lacinipolia renigera, Mecklenburg Co., Reedy Creek Nature Preserve, 27 Apr 2017, RGI, 35.263581N 80.713499W
Lithophane innominata, Cabarrus Co., Concord, 20 Mar 2018, DW2, ID by Bo Sullivan
Lithophane lemmeri, Cabarrus Co., Concord, 15 Mar 2018, DW2, ID by Bo Sullivan
Meropleon cosmion, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 21 Oct 2017, RGI, 35.378547N 80.967172W
Meropleon titan, Mecklenburg Co., Reedy Creek Nature Preserve, 29 Sep 2017, RGI, 35.263581N 80.713499W
Morrisonia triangula, Cabarrus Co., Concord, 7 May 2018, DW2, ID by Bo Sullivan
Nephelodes minians, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 30 Sep-17 Oct 2017, RGI, 35.378547N 80.967172W
Phosphila miseliodes, Mecklenburg Co., Reedy Creek Nature Preserve, 27 Apr 2017, RGI, 35.263581N 80.713499W
Protapamea danieli, Cabarrus Co., Concord, 13 Jun 2013, DW2
Protolampra brunneicollis, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 30 Sep 2017, RGI, 35.378547N 80.967172W
Proxenus miranda, Cabarrus Co., Concord, 23 Aug 2017, DW2
Psychomorpha epimenis, Mecklenburg Co., Reedy Creek Nature Preserve, 23 Mar-17 May 2017, RGI, 35.263581N 80.713499W
Schinia arcigera, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 30 Sep 2017, RGI, 35.378547N 80.967172W
Schinia gracilentia, Cabarrus Co., Concord, 1 Sep 2019, DW2, ID by Bo Sullivan
Schinia nubila, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 30 Sep 2017, RGI, 35.378547N 80.967172W
Schinia thoreau, Cabarrus Co., Concord, 17 Aug 2014, DW2
Sympistis dinalda, Cabarrus Co., Concord, 30 May 2018, DW2, ID by Bo Sullivan
Xestia elimata, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 17 Oct 2017, RGI, 35.378547N 80.967172W

Notodontidae:

Oligocentria lignicolor, Mecklenburg Co., Reedy Creek Nature Preserve, 27 Apr 2017, RGI, 35.263581N 80.713499W

Nymphalidae:

Agraulis vanillae, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 5 Aug 2017, RGI, 35.378547N 80.967172W
Agraulis vanillae, Richmond Co., Sandhills Gamelands, 3 Jun 2017, RGI, 34.993056N 79.531944W
Asterocampa celtis, Mecklenburg Co., Latta Plantation Nature Preserve, 1-5 Aug 2017, RGI, 35.355075N 80.9090917W
Asterocampa celtis, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 5 Aug 2017, RGI, 35.378547N 80.967172W
Cercyonis pegala, Mecklenburg Co., Latta Plantation Nature Preserve, 31 Jul 2017, RGI, 35.355075N 80.9090917W
Cyllopsis gemma, Mecklenburg Co., Steven's Road Nature Preserve, 4-7 Apr 2017, RGI, 35.41097N 80.946522W
Danaus plexippus, Mecklenburg Co., Latta Plantation Nature Preserve, 1 Aug 2017, RGI, 35.355075N 80.9090917W
Danaus plexippus, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 5 Aug 2017, RGI, 35.378547N 80.967172W
Euptoieta claudia, Mecklenburg Co., Latta Plantation Nature Preserve, 31 Jul-5 Aug 2017, RGI, 35.355075N 80.9090917W
Euptoieta claudia, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 5 Aug 2017, RGI, 35.378547N 80.967172W
Euptoieta claudia, Richmond Co., Sandhills Gamelands, 3 Jun 2017, RGI, 34.993056N 79.531944W
Hermeuptychia sosybius, Mecklenburg Co., Steven's Road Nature Preserve, 7 Apr 2017, RGI, 35.41097N 80.946522W
Hermeuptychia sosybius, Mecklenburg Co., Latta Plantation Nature Preserve, 31 Jul-5 Aug 2017, RGI, 35.355075N 80.9090917W
Hermeuptychia sosybius, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 5 Aug 2017, RGI, 35.378547N 80.967172W
Hermeuptychia sosybius, Moore Co., Sandhills Horticultural Gardens at Sandhills Community College, 3 Jun 2017, RGI, 35.220278N 79.401389W
Hypolimnas misippus, Onslow Co., Jacksonville, 17 Oct 2017, MAS, photo record

Junonia coenia, Mecklenburg Co., Latta Plantation Nature Preserve, 31 Jul-5 Aug 2017, RGI, 35.355075N 80.9090917W
Junonia coenia, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 5 Aug 2017, RGI, 35.378547N 80.967172W
Junonia coenia, Moore Co., Weymouth Woods Nature Preserve, 3 Jun 2017, RGI, 35.148056N 79.368611W
Junonia coenia, Moore Co., Sandhills Horticultural Gardens at Sandhills Community College, 3 Jun 2017, RGI, 35.220278N 79.401389W
Junonia coenia, Richmond Co., Sandhills Gamelands, 3 Jun 2017, RGI, 34.993056N 79.531944W
Lethe appalachia, Mecklenburg Co., Reedy Creek Nature Preserve, 31 Mar 2017, RGI, 35.263581N 80.713499W
Lethe appalachia, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 5 Aug 2017, RGI, 35.378547N 80.967172W
Lethe creola, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 5 Aug 2017, RGI, 35.378547N 80.967172W
Lethe creola, Moore Co., Weymouth Woods Nature Preserve, 3 Jun 2017, RGI, 35.148056N 79.368611W
Libytheana carinenta, Mecklenburg Co., Reedy Creek Nature Preserve, 24 Feb-17 May 2017, RGI, 35.263581N 80.713499W
Libytheana carinenta, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 5 Aug 2017, RGI, 35.378547N 80.967172W
Limenitis archippus, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 5 Aug 2017, RGI, 35.378547N 80.967172W
Limenitis arthemis astyanax, Mecklenburg Co., Reedy Creek Nature Preserve, 17 May 2017, RGI, 35.263581N 80.713499W
Limenitis arthemis astyanax, Mecklenburg Co., Latta Plantation Nature Preserve, 31 Jul-1 Aug 2017, RGI, 35.355075N 80.9090917W
Limenitis arthemis astyanax, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 5 Aug 2017, RGI, 35.378547N 80.967172W
Limenitis arthemis astyanax, Moore Co., Weymouth Woods Nature Preserve, 3 Jun 2017, RGI, 35.148056N 79.368611W
Limenitis arthemis astyanax, Richmond Co., Sandhills Gamelands, 3 Jun 2017, RGI, 34.993056N 79.531944W
Megisto cymela, Mecklenburg Co., Reedy Creek Nature Preserve, 17 May 2017, RGI, 35.263581N 80.713499W
Phyciodes tharos, Mecklenburg Co., Steven's Road Nature Preserve, 4-7 Apr 2017, RGI, 35.41097N 80.946522W
Phyciodes tharos, Mecklenburg Co., Latta Plantation Nature Preserve, 31 Jul 2017, RGI, 35.355075N 80.9090917W
Phyciodes tharos, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 5 Aug 2017, RGI, 35.378547N 80.967172W
Phyciodes tharos, Richmond Co., Sandhills Gamelands, 3 Jun 2017, RGI, 34.993056N 79.531944W
Polygonia comma, Mecklenburg Co., Steven's Road Nature Preserve, 4 Apr 2017, RGI, 35.41097N 80.946522W
Polygonia comma, Mecklenburg Co., Reedy Creek Nature Preserve, 17 May 2017, RGI, 35.263581N 80.713499W
Vanessa atalanta, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 5 Aug 2017, RGI, 35.378547N 80.967172W
Vanessa cardui, Mecklenburg Co., Latta Plantation Nature Preserve, 31 Jul-1 Aug 2017, RGI, 35.355075N 80.9090917W
Vanessa cardui, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 5 Aug 2017, RGI, 35.378547N 80.967172W
Vanessa virginienensis, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 5 Aug 2017, RGI, 35.378547N 80.967172W
Vanessa virginienensis, Moore Co., Sandhills Horticultural Gardens at Sandhills Community College, 3 Jun 2017, RGI, 35.220278N 79.401389W
Vanessa virginienensis, Richmond Co., Sandhills Gamelands, 3 Jun 2017, RGI, 34.993056N 79.531944W

Oecophoridae:

Eido trimaculella, Cabarrus Co., Concord, 6 May 2018, DW2, ID by Bo Sullivan

Papilionidae:

Battus philenor, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 5 Aug 2017, RGI, 35.378547N 80.967172W
Eurytides marcellus, Mecklenburg Co., Steven's Road Nature Preserve, 4-7 Apr 2017, RGI, 35.41097N 80.946522W
Eurytides marcellus, Mecklenburg Co., Reedy Creek Nature Preserve, 23 Mar-17 May 2017, RGI, 35.263581N 80.713499W
Eurytides marcellus, Mecklenburg Co., Latta Plantation Nature Preserve, 31 Jul 2017, RGI, 35.355075N 80.9090917W
Papilio glaucus, Mecklenburg Co., Steven's Road Nature Preserve, 4-7 Apr 2017, RGI, 35.41097N 80.946522W
Papilio glaucus, Mecklenburg Co., Reedy Creek Nature Preserve, 3-23 Mar 2017, RGI, 35.263581N 80.713499W
Papilio glaucus, Mecklenburg Co., Latta Plantation Nature Preserve, 31 Jul-5 Aug 2017, RGI, 35.355075N 80.9090917W
Papilio glaucus, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 5 Aug 2017, RGI, 35.378547N 80.967172W
Papilio glaucus, Richmond Co., Sandhills Gamelands, 3 Jun 2017, RGI, 34.993056N 79.531944W
Papilio polyxenes, Mecklenburg Co., Reedy Creek Nature Preserve, 23 Mar 2017, RGI, 35.263581N 80.713499W
Papilio troilus, Mecklenburg Co., Steven's Road Nature Preserve, 4-7 Apr 2017, RGI, 35.41097N 80.946522W
Papilio troilus, Mecklenburg Co., Reedy Creek Nature Preserve, 17 May 2017, RGI, 35.263581N 80.713499W
Papilio troilus, Mecklenburg Co., Latta Plantation Nature Preserve, 31 Jul 2017, RGI, 35.355075N 80.9090917W
Papilio troilus, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 5 Aug 2017, RGI, 35.378547N 80.967172W
Papilio troilus, Moore Co., Weymouth Woods Nature Preserve, 3 Jun 2017, RGI, 35.148056N 79.368611W
Papilio troilus, Moore Co., Sandhills Horticultural Gardens at Sandhills Community College, 3 Jun 2017, RGI, 35.220278N 79.401389W
Papilio troilus, Richmond Co., Sandhills Gamelands, 3 Jun 2017, RGI, 34.993056N 79.531944W

Pieridae:

Abaeis nicippe, Mecklenburg Co., Latta Plantation Nature Preserve, 5 Aug 2017, RGI, 35.355075N 80.9090917W
Abaeis nicippe, Richmond Co., Sandhills Gamelands, 3 Jun 2017, RGI, 34.993056N 79.531944W
Anthocharis midea, Mecklenburg Co., Steven's Road Nature Preserve, 4 Apr 2017, RGI, 35.41097N 80.946522W
Anthocharis midea, Mecklenburg Co., Reedy Creek Nature Preserve, 23-24 Feb 2017, RGI, 35.263581N 80.713499W
Anthocharis midea, Mecklenburg Co., Latta Plantation Nature Preserve, 3 Mar 2017, RGI, 35.355075N 80.9090917W
Colias eurytheme, Mecklenburg Co., Reedy Creek Nature Preserve, 24 Feb-17 May 2017, RGI, 35.263581N 80.713499W
Phoebis sennae, Mecklenburg Co., Steven's Road Nature Preserve, 4 Apr 2017, RGI, 35.41097N 80.946522W
Phoebis sennae, Mecklenburg Co., Latta Plantation Nature Preserve, 31 Jul-5 Aug 2017, RGI, 35.355075N 80.9090917W
Phoebis sennae, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 5 Aug 2017, RGI, 35.378547N 80.967172W

Psychidae:

Astata confederata, Cabarrus Co., Concord, 1 Jun 2017, DW2
Kearfottia albifasciella, Cabarrus Co., Concord, 16 Jun 2017, DW2

Pyralidae:

Acrobasis angusella, Cabarrus Co., Concord, 29 May 2015, DW2, ID by Bo Sullivan

Acrobasis demotella, Mecklenburg Co., Reedy Creek Nature Preserve, 27 Apr 2017, RGI, 35.263581N 80.713499W
***Acrobasis ostryella*, Cabarrus Co.**, Concord, 15 Jun 2018, DW2, ID by Bo Sullivan, possible **State record**
***Acrobasis stigmella*, Cabarrus Co.**, Concord, 29 Jul 2017, DW2, ID by Brian Scholtens, possible **State record**
Dioryctria clarioralis, **Cabarrus Co.**, Concord, 28 Apr 2019, DW2, ID by Brian Scholtens
Dioryctria taedae, Cabarrus Co., Concord, 21 Jul 2017, DW2
Ephesiodes infimella, Cabarrus Co., Concord, 9 Sep 2016, DW2
Euzophera magnolialis, Cabarrus Co., Concord, 13 May 2018, DW2, ID by Brian Scholtens
Euzophera magnolialis, **Cabarrus Co.**, Concord, 15 Apr 2017, DW2
Euzophera ostricolorella, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 30 Sep 2017, RGI, 35.378547N 80.967172W
***Goya stictella*, Cabarrus Co.**, Concord, 30 May 2015, DW2, ID by Brian Scholtens, possible **State record**
Homoeosoma electellum, **Cabarrus Co.**, Concord, 23-24 Oct 2017, DW2, ID by Bo Sullivan
Macrorrhinia endonephele, **Cabarrus Co.**, Concord, 24 Jun 2017, DW2, ID by Bo Sullivan
Oreana unicolorella, Cabarrus Co., Concord, 22 May 2016, DW2
Pococera robustella, Mecklenburg Co., Sherman Branch Nature Preserve, 22 Jun 2017, RGI, 35.2381222N 80.967172W
Sciota subfuscella, Cabarrus Co., Concord, 8 Sep 2017, DW2
Thascula reductella, Cabarrus Co., Concord, 29 May 2016, DW2

Saturniidae:

Automeris io, Mecklenburg Co., Sherman Branch Nature Preserve, 22 Jun 2017, RGI, 35.2381222N 80.967172W

Sesiidae:

Paranthrene simulans, Mecklenburg Co., Reedy Creek Nature Preserve, 4-6 Jul 2017, RGI, 35.263581N 80.713499W
***Podoesia syringae*, Cabarrus Co.**, Concord, 12 Jun 2018, DW2, ID by Bo Sullivan, possible **State record**
Synanthedon acerni, Mecklenburg Co., Sherman Branch Nature Preserve, 22 Jun 2017, RGI, 35.2381222N 80.967172W
Synanthedon pictipes, Mecklenburg Co., Reedy Creek Nature Preserve, 4-6 Jul 2017, RGI, 35.263581N 80.713499W

Tineidae:

Acrolophus arcanella, Cabarrus Co., Concord, 14 Jun 2012, DW2
Acrolophus propinquus, Cabarrus Co., Concord, 2 Aug 2016, DW2
Amydria efferentella, Cabarrus Co., Concord, 29 May 2017, DW2
Diachorisia vellatella, **Cabarrus Co.**, Concord, 24 Aug 2017, DW2, ID by Brian Scholtens
Nemapogon interstitiella, Cabarrus Co., Concord, 17 Apr 2017, DW2
Scardia amurensis, Cabarrus Co., Concord, 28 May 2017, DW2
Tinea apicimaculella, Cabarrus Co., Concord, 11 Apr 21017, DW2
Tinea pellionella, Cabarrus Co., Concord, 17 Sep 2017, DW2

Tortricidae:

Acleris chalybeana, **Cabarrus Co.**, Concord, 14 Jul 2014, DW2, ID by Bo Sullivan
Acleris flavivittana, **Cabarrus Co.**, Concord, 10 Apr 2018, DW2, ID by Bo Sullivan
***Acleris negundana*, Cabarrus Co.**, Concord, 15 Mar 2018, DW2, ID by Bo Sullivan, possible **State record**
***Acleris robinsonana*, Cabarrus Co.**, Concord, 11 Mar 2016, DW2, ID by Bo Sullivan, possible **State record**
***Acleris schalleriana*, Cabarrus Co.**, Concord, 17 Dec 2017, DW2, ID by Bo Sullivan, possible **State record**
Acleris variegana, Cabarrus Co., Concord, 11 Sep 2016, DW2
Argyrotaenia floridana, **Cabarrus Co.**, Concord, 12 Mar 2016, DW2, ID by Bo Sullivan
Bactra verutana, **Cabarrus Co.**, Concord, 22 Jan & 27 Jun 2017, DW2, ID by Bo Sullivan
Catastega aceriella, Cabarrus Co., Concord, 23 Aug 2017, DW2
Catastega timidella, **Cabarrus Co.**, Concord, 12 Apr 2015, DW2, ID by Bo Sullivan
Cenopsis sarcana, Cabarrus Co., Concord, 12 Jun 2016, DW2
Chimoptesis gerulae, Cabarrus Co., Concord, 13 Mar 2016, DW2
Cydia inopiosa, Cabarrus Co., Concord, 11 Mar 2016, DW2
Dichrorampha broui, **Cabarrus Co.**, Concord, 20 Apr 2016, DW2, ID by Bo Sullivan
Endothenia hebesana, **Cabarrus Co.**, Concord, 2 Sep 2016, DW2, ID by Bo Sullivan
Epiblema abruptana, **Cabarrus Co.**, Concord, 16 Jun 2019, DW2, ID by Brian Scholtens and Jason Dombrowski
Epinotia celtisana, Cabarrus Co., Concord, 11 Mar 2016, DW2
Epinotia zandana, Cabarrus Co., Concord, 17 Apr 2017, DW2
Episimus tyrius, Cabarrus Co., Concord, 14 Apr 2017, DW2
Eucosma gomanana, Cabarrus Co., Concord, 14 Apr 2017, DW2
Eucosma parmatana, **Cabarrus Co.**, Concord, 11 Sep 2017, DW2, ID by Brian Scholtens
Eucosma radiatana, **Cabarrus Co.**, Concord, 18 Apr 2018, DW2, ID by Bo Sullivan
Eucosma sombreana, Cabarrus Co., Concord, 12 Apr 2017, DW2
Eugnosta erigeronana, **Cabarrus Co.**, Concord, 2 May 2019, DW2, ID by Brian Scholtens
Gretchena amatana, **Cabarrus Co.**, Concord, 26 Mar 2017, DW2, ID by Bo Sullivan
Gretchena concitricana, **Cabarrus Co.**, Concord, 20 Jun 2017, DW2, ID by Bo Sullivan
Gretchena concubitana, Cabarrus Co., Concord, 26 Mar 2017, DW2
Gretchena delicatana, **Cabarrus Co.**, Concord, 26 Apr 2019, DW2
Gretchena deludana, **Cabarrus Co.**, Concord, 24 Apr 2016, DW2, ID by Bo Sullivan
Gypsonoma salicicolana, Cabarrus Co., Concord, 17 Jul 2015, DW2
Hedya separatana, **Cabarrus Co.**, Concord, 9 Jun 2018, DW2, ID by Bo Sullivan
Notocelia rosaecolana, Cabarrus Co., Concord, 13 Apr 2017, DW2
Olethreutes concinnana, Cabarrus Co., Concord, 10 Sep 2016, DW2

Olethreutes fagigemmeans, Cabarrus Co., Concord, 10 Sep 2016, DW2
Olethreutes furfurinum, Cabarrus Co., Concord, 20 Jun 2017, DW2
Orthotaenia undulana, **Cabarrus Co.**, Concord, 5 May 2015, DW2, ID by Bo Sullivan
Pammene felicitana, **Cabarrus Co.**, Concord, 13 May 2018, DW2, possible **State record**
Pelochrista dorsignatana, Mecklenburg Co., Cowan's Ford Wildlife Refuge, 21 Oct 2017, RGI, 35.378547N 80.967172W
Pelochrista robinsonana, Cabarrus Co., Concord, 15 Apr 2017, DW2
Pelochrista womonana, Cabarrus Co., Concord, 29 Mar 2017, DW2
Phaecasiophora inspersa, Cabarrus Co., Concord, 18 Jun 2017, DW2
Phaecasiophora niveiguttana, **Cabarrus Co.**, Concord, 12 May 2018, DW2, ID by Bo Sullivan
Proteoteras crescentana, **Cabarrus Co.**, Concord, 12 Jun 2018, DW2, ID by Bo Sullivan
Proteoteras willingana, **Cabarrus Co.**, Concord, 12 Jun 2018, DW2
Pseudexentera maracana, **Cabarrus Co.**, Concord, 23 Mar 2018, DW2, ID by Bo Sullivan
Pseudexentera sepia, **Cabarrus Co.**, Concord, 26 Mar 2017, DW2, ID by Bo Sullivan
Pseudexentera spoliata, **Cabarrus Co.**, Concord, 11 Mar 2016, DW2, ID by Bo Sullivan
Pseudexentera spoliata, Cabarrus Co., Concord, 17 Apr 2017, DW2
Pseudogalleria inimicella, **Cabarrus Co.**, Concord, 1 May 2019, DW2, ID by Brian Scholtens
Retinia taedana, **Cabarrus Co.**, Concord, 18 Jun 2017, DW2, ID by Bo Sullivan, possible **State record**
Sonia constrictana, Cabarrus Co., Concord, 11 Sep 2016, DW2
Sparganothis xanthoides, **Cabarrus Co.**, Concord, 11 Jun 2018, DW2, ID by Bo Sullivan
Sparganothoides lentiginosana, **Cabarrus Co.**, Concord, 25 May 2015, DW2, ID by Bo Sullivan
Sparganothoides lentiginosana, Cabarrus Co., Concord, 3 Jun 2016, DW2
Talponia plummeriana, **Cabarrus Co.**, Concord, 27 May 2017, DW2, ID by Bo Sullivan

South Carolina:

Cosmopterigidae:

Siskiwitia falcata, **Berkeley Co.**, Francis Marion NF, Hoover Rd @ powerline, 23 Aug 2019, BGS, **State record**, 32.982N 79.787W

Erebidae:

Dyspyralis nigellus, **Berkeley Co.**, Francis Marion NF, Hoover Rd @ powerline, 20 Sep 2019, BGS, 32.982N 79.787W

Gelechiidae:

Aroga epigaeella, **Berkeley Co.**, Francis Marion NF, Hoover Rd @ powerline, 23 Aug 2019, BGS, 32.982N 79.787W

Battaristis vittella, **Berkeley Co.**, Francis Marion NF, Hoover Rd @ powerline, 20 Sep 2019, BGS, 32.982N 79.787W

Deltophora sellae, **Berkeley Co.**, Francis Marion NF, Hoover Rd @ powerline, 23 Aug 2019, BGS, 32.982N 79.787W

Dichomeris aglaia, **Berkeley Co.**, Francis Marion NF, Hoover Rd @ powerline, 23 Aug 2019, BGS, 32.982N 79.787W

Sinoe kwakae, **Berkeley Co.**, Francis Marion NF, Hoover Rd @ powerline, 23 Aug 2019, BGS, **State record**, 32.982N 79.787W

Sitotroga cerealella, **Berkeley Co.**, Francis Marion NF, Hoover Rd @ powerline, 20 Sep 2019, BGS, 32.982N 79.787W

Glyphipterigidae:

Drymoana blanchardi, **Berkeley Co.**, Francis Marion NF, Hoover Rd @ powerline, 20 Sep 2019, BGS, 32.982N 79.787W

Hesperiidae:

Ancyloxypha numitor, York Co., Anne Springs Close Greenway, 24 Jun 2017, RGI, 35.034168N 80.942735W

Atalopedes campestris, **Abbeville Co.**, Erskine College, 16 Apr 2019, MC2, photo record

Atalopedes campestris, **Lancaster Co.**, Indian Lands, 8 Oct 2017, CS2, sight record

Atalopedes campestris, York Co., Anne Springs Close Greenway, 24 Jun 2017, RGI, 35.034168N 80.942735W

Burnsius albescens, **Abbeville Co.**, Pressley Garden, Erskine College, 7 Sep 2018, MC2, dissection ID by Brian Scholtens

Burnsius albescens, **Anderson Co.**, Page Prairie near Honea Path, 19 Oct 2018, D. Ritland, dissection ID by Brian Scholtens

Burnsius albescens, **Beaufort Co.**, MCRD Parris Island, 7 Aug 2017, MKA, sight record

Burnsius albescens, **Cherokee Co.**, Buck Shoals Rd, 15 Oct 2019, D. Allen, dissection ID by Brian Scholtens

Burnsius albescens, **Greenwood Co.**, Greenwood, 11 Oct 2018, R. Wilson, dissection ID by Brian Scholtens

Burnsius albescens, **Jasper Co.**, B & C Landing, 12 Oct 2019, DMF, photo record

Burnsius albescens, **Spartanburg Co.**, Holdton Park, 15 Oct 2019, D. Allen, dissection ID by Brian Scholtens

Burnsius communis, **Cherokee Co.**, Buck Shoals Rd, 15 Oct 2019, D. Allen, dissection ID by Brian Scholtens

Burnsius oileus, **Barnwell Co.**, Steel Creek Landing Rd, 24 Sep 2017, D. Beddiford, photo record, BAMONA #123347

Burnsius oileus, **Lexington Co.**, Timmerman Trail, Cayce, 21 Oct 2017, DMF, photo record

Burnsius oileus, **Richland Co.**, Congaree NP, 1 Oct 2016, MKA, photo record

Cecropterus lyciades, York Co., Anne Springs Close Greenway, 24 Jun 2017, RGI, 35.034168N 80.942735W

Copaeodes minima, **Abbeville Co.**, Creek Plantation, Millett, 18 Oct 2019, D. Beddiford, photo record, BAMONA #1238534

Copaeodes minima, **Anderson Co.**, Paige Prairie near Honea Path, 7 Oct 2018, DMF, photo record

Epargyreus clarus, Chesterfield Co., Cheraw State Park, 1 Apr 2017, RGI, 34.639634N 79.902534W

Epargyreus clarus, York Co., Anne Springs Close Greenway, 24 Jun 2017, RGI, 35.034168N 80.942735W

Erynnis baptisiae, **Abbeville Co.**, Highland Terrace, Due West, 2 Jul 2019, MC2, photo record, Ebutterfly EB-C91251

Erynnis baptisiae, **Union Co.**, Sumter NF, Enoree District, Whitney & Bob Adams Rds, 16 Apr 2019, DMF, photo record

Erynnis brizo, Chesterfield Co., Carolina Sandhills NWR, 25 Mar 2017, RGI, 34.582210N 80.233526W

Erynnis funeralis, **Lexington Co.**, Northcutt Rd, 19 Jun 2019, M. Davis, photo record, BAMONA #1210125

Erynnis horatius, York Co., Anne Springs Close Greenway, 24 Jun 2017, RGI, 35.034168N 80.942735W

Erynnis juvenalis, **Anderson Co.**, Dolly Cooper Park, Powdersville Ave, 12 Apr 2015, DMK, photo record

Erynnis juvenalis, **Cherokee Co.**, Cowpens National Battlefield, 7 Apr 2015, DA3, photo record
Erynnis juvenalis, Chesterfield Co., Cheraw State Park, 1 Apr 2017, RGI, 34.639634N 79.902534W
Erynnis juvenalis, Chesterfield Co., Carolina Sandhills NWR, 25 Mar-1 Apr 2017, RGI, 34.582210N 80.233526W
Erynnis zarucco, Chesterfield Co., Cheraw State Park, 1 Apr 2017, RGI, 34.639634N 79.902534W
Erynnis zarucco, Chesterfield Co., Carolina Sandhills NWR, 1 Apr 2017, RGI, 34.582210N 80.233526W
Euphyes dion, **Allendale Co.**, Groton Plantation, 19 Aug 2017, JD3, photo record
Euphyes dion, **York Co.**, Ft. Mill, 23 Jun 2015, CS2, photo record
Euphyes vestris, **Abbeville Co.**, Pressley Garden, Erskine College, 30 Sep 2019, MC2, photo record
Euphyes vestris, **Cherokee Co.**, Carolina Ridge Rd, 12 Oct 2019, D. Allen, sight record
Euphyes vestris, York Co., Anne Springs Close Greenway, 24 Jun 2017, RGI, 35.034168N 80.942735W
Hylephila phyleus, York Co., Anne Springs Close Greenway, 24 Jun 2017, RGI, 35.034168N 80.942735W
Lerema accius, York Co., Anne Springs Close Greenway, 24 Jun 2017, RGI, 35.034168N 80.942735W
Lerodea eufala, **Cherokee Co.**, Carolina Ridge Rd, 12 Oct 2019, D. Allen, sight record
Nastra lhermenier, **York Co.**, Catawba River access below Lake Wylie, 12 May 2019, M Turner, photo record
Panoquina ocola, **Allendale Co.**, Savannah River Alliance Greenway, 24 Aug 2016, D. Beddiford, photo record, BAMONA #1238696
Panoquina ocola, Allendale Co., Martin Fire Department, 18 Oct 2019, D. Beddiford, photo record, BAMONA #1238529
Panoquina ocola, **Cherokee Co.**, Carolina Ridge Rd, 12 Oct 2019, D. Allen, sight record
Panoquina ocola, York Co., Anne Springs Close Greenway, 24 Jun 2017, RGI, 35.034168N 80.942735W
Polites vibex, **Abbeville Co.**, Highland Terrace, Due West, 26 Jun 2019, MC2, photo record
Pompeius verna, **Marion Co.**, Woodbury WMA, 27 Oct 2019, M. Kastner, photo record
Problema byssus, York Co., Anne Springs Close Greenway, 24 Jun 2017, RGI, 35.034168N 80.942735W
Urbanus proteus, **Cherokee Co.**, Carolina Ridge Rd, 12 Oct 2019, D. Allen, sight record
Urbanus proteus, **Lancaster Co.**, Indian Lands, 25 Sep 2016, CS2, photo record
Urbanus proteus, **McCormick Co.**, below the dam, 7 Oct 2015, E. Haskell, photo record
Wallengrenia otho, **Lancaster Co.**, Indian Lands, 10 Aug 2017, CS2, sight record
Wallengrenia otho, **Williamsburg Co.**, Wee Tee State Forest, 23 Aug 2017, MKA, photo record

Lycaenidae:

Atlides halesus, **Abbeville Co.**, Highland Terrace, Due West, 21 Jun 2019, MC2, sight record
Atlides halesus, Chesterfield Co., Cheraw State Park, 25 Mar-1 Apr 2017, RGI, 34.639634N 79.902534W
Callophrys augustinus, Chesterfield Co., Cheraw State Park, 1 Apr 2017, RGI, 34.639634N 79.902534W
Callophrys henrici, Chesterfield Co., Cheraw State Park, 25 Mar-1 Apr 2017, RGI, 34.639634N 79.902534W
Callophrys irus, Chesterfield Co., Carolina Sandhills NWR, 1 Apr 2017, RGI, 34.582210N 80.233526W
Callophrys niphon, Chesterfield Co., Cheraw State Park, 1 Apr 2017, RGI, 34.639634N 79.902534W
Calycopis cecrops, Chesterfield Co., Cheraw State Park, 1 Apr 2017, RGI, 34.639634N 79.902534W
Calycopis cecrops, York Co., Anne Springs Close Greenway, 24 Jun 2017, RGI, 35.034168N 80.942735W
Celastrina neglecta, York Co., Anne Springs Close Greenway, 24 Jun 2017, RGI, 35.034168N 80.942735W
Cupido comyntas, Chesterfield Co., Cheraw State Park, 1 Apr 2017, RGI, 34.639634N 79.902534W
Cupido comyntas, Chesterfield Co., Carolina Sandhills NWR, 25 Mar-1 Apr 2017, RGI, 34.582210N 80.233526W
Hemiargus ceraunus, Beaufort Co., MCRD Parris Island, 7 Aug 2017, TA1, sight record
Hemiargus ceraunus, Charleston Co., Holy Cross Cemetery, James Island, 21 Oct 2017, DMF, sight record
Leptotes cassius, **Dorchester Co.**, Summerville, 9 Oct 2017, MDA, photo record
Satyrrium favonius, **Chesterfield Co.**, Carolina Sandhills NWR, 13 Jun 2019, WS1, photo record
Strymon melinus, Chesterfield Co., Carolina Sandhills NWR, 1 Apr 2017, RGI, 34.582210N 80.233526W

Noctuidae:

Chytonix sensilis, **Berkeley Co.**, Francis Marion NF, Hoover Rd @ powerline, 20 Sep 2019, BGS, 32.982N 79.787W
Dargida rubripennis, **Berkeley Co.**, Francis Marion NF, Hoover Rd @ powerline, 20 Sep 2019, BGS, 32.982N 79.787W

Nolidae:

Nola ovilla, **Berkeley Co.**, Francis Marion NF, Hoover Rd @ powerline, 23 Aug 2019, BGS, 32.982N 79.787W

Nymphalidae:

Anartia jatrophae, Beaufort Co., MCRD Parris Island, 18 Oct 2017, JH4, sight record
Anartia jatrophae, Charleston Co., Botany Bay Plantation, 31 Aug 2017, F/A, sight record
Anartia jatrophae, Charleston Co., Edisto Island, 23 Aug 2017, TA1, sight record
Anartia jatrophae, Charleston Co., Folly Island, 16 Oct-11 Nov 2017, MFT, sight record
Anartia jatrophae, **Colleton Co.**, Bear Island WMA, Ti Ti Rd, 27 Sep 2019, I. Pitts, photo record
Anartia jatrophae, Jasper Co., along Hwy 17, 22 Sep 2017, RSS, sight record
Anartia jatrophae, Jasper Co., Beck's Ferry Rd, 6 Nov 2017, DMF, sight record
Anthanassa texana seminole, **Kershaw Co.**, Lugoff, 2 Nov 2017, ACL, photo record
Anthanassa texana seminole, Lexington Co., Timmerman Trail, Cayce, 21 Oct 2017, DMK, photo record
Asterocampa celtis, **Allendale Co.**, Antioch Church, 21 Jul 2018, D. Beddiford, photo record, BAMONA #1238633
Asterocampa celtis, York Co., Anne Springs Close Greenway, 24 Jun 2017, RGI, 35.034168N 80.942735W
Asterocampa clyton, **Laurens Co.**, FS 355, Enoree District, Sumter NF, 7 Sep 2019, DMF, photo record
Cyllopsis gemma, York Co., Anne Springs Close Greenway, 24 Jun 2017, RGI, 35.034168N 80.942735W
Euptoieta claudia, Chesterfield Co., Carolina Sandhills NWR, 1 Apr 2017, RGI, 34.582210N 80.233526W
Heliconius charithonia, **Clarendon Co.**, Pine Island Unit, Santee NWR, 30 Sep 2017, NAD, photo record
Heliconius charithonia, **Hampton Co.**, Groton Plantation, 19 Aug 2017, JD3, photo record
Heliconius charithonia, **Lexington Co.**, 14 Mile Creek Trail, Lexington, 18 Oct 2017, JKE, photo record

Hermeuptychia intricata, **Aiken Co.**, Crackerneck WMA, 9 Sep 2017, JD3, photo record
Hermeuptychia intricata, **Allendale Co.**, Savannah River Alliance Greenway, 10 Aug 2017, D. Beddiford, photo record, BAMONA #1238690
Hermeuptychia intricata, **Barnwell Co.**, Steel Creek Landing Rd, 30 Jul 2017, D. Beddiford, photo record, BAMONA #1232554
Hermeuptychia intricata, **Dorchester Co.**, Roxbury Park, 8 Jun 2017, TA1, 1 male & 1 female, male dissected
Hermeuptychia intricata, **Georgetown Co.**, Santee Delta-East WMA, 3 Sep 2017, DMF, photo record
Hermeuptychia intricata, **Greenwood Co.**, Ninety-Six Historic Site, 12 Sep 2005, M. Boone, photo record, on Bugguide, ID confirmed by Tom Austin
Hermeuptychia intricata, **Marion Co.**, Britton Neck Rd, 16 Aug 2018, DMF, photo record, iNaturalist observation 16192295
Hermeuptychia intricata, **Williamsburg Co.**, Wee Tee State Forest, 23 Aug 2017, TA1, photos and dissected male
Hermeuptychia sosybius, Chesterfield Co., Cheraw State Park, 1 Apr 2017, RGI, 34.639634N 79.902534W
Hermeuptychia sosybius, York Co., Anne Springs Close Greenway, 24 Jun 2017, RGI, 35.034168N 80.942735W
Junonia coenia, Chesterfield Co., Cheraw State Park, 1 Apr 2017, RGI, 34.639634N 79.902534W
Junonia coenia, Chesterfield Co., Carolina Sandhills NWR, 1 Apr 2017, RGI, 34.582210N 80.233526W
Junonia coenia, York Co., Anne Springs Close Greenway, 24 Jun 2017, RGI, 35.034168N 80.942735W
Lethe antheodon, **McCormick Co.**, below the dam, 12 Sep 2013, E. Haskell, photo record
Libytheana carinenta, **Cherokee Co.**, Scruggs House, Cowpens National Battlefield, 6 Sep 2019, DMF, sight record
Libytheana carinenta, Chesterfield Co., Cheraw State Park, 25 Mar 2017, RGI, 34.639634N 79.902534W
Limenitis arthemis astyanax, Chesterfield Co., Carolina Sandhills NWR, 1 Apr 2017, RGI, 34.582210N 80.233526W
Megisto cymela, York Co., Anne Springs Close Greenway, 24 Jun 2017, RGI, 35.034168N 80.942735W
Phyciodes tharos, Chesterfield Co., Cheraw State Park, 1 Apr 2017, RGI, 34.639634N 79.902534W
Phyciodes tharos, Chesterfield Co., Carolina Sandhills NWR, 1 Apr 2017, RGI, 34.582210N 80.233526W
Phyciodes tharos, York Co., Anne Springs Close Greenway, 24 Jun 2017, RGI, 35.034168N 80.942735W
Vanessa cardui, **Cherokee Co.**, 143 Corona Dr, Gaffney, 5 Sep 2019, DMF, photo record
Vanessa cardui, **Laurens Co.**, Enoree ORV parking area, Sumter NF, 3 Oct 2017, DMF, photo record
Vanessa cardui, **York Co.**, Lake Haigler, 5 Aug 2017, CS2, sight record
Vanessa virginiensis, Chesterfield Co., Cheraw State Park, 25 Mar-1 Apr 2017, RGI, 34.639634N 79.902534W
Vanessa virginiensis, Chesterfield Co., Carolina Sandhills NWR, 1 Apr 2017, RGI, 34.582210N 80.233526W
Vanessa virginiensis, York Co., Anne Springs Close Greenway, 24 Jun 2017, RGI, 35.034168N 80.942735W

Papilionidae:

Eurytides marcellus, Chesterfield Co., Cheraw State Park, 1 Apr 2017, RGI, 34.639634N 79.902534W
Eurytides marcellus, Chesterfield Co., Carolina Sandhills NWR, 1 Apr 2017, RGI, 34.582210N 80.233526W
Papilio cresphontes, **Lancaster Co.**, Indian Lands, 14 Sep 2017, CS2, photo record
Papilio cresphontes, **McCormick Co.**, below the dam, 17 Jun 2014, E. Haskell, photo record
Papilio cresphontes, **York Co.**, Hilton Pond, 14 Aug 2019, B. Hilton, Jr, sight record
Papilio glaucus, Chesterfield Co., Cheraw State Park, 25 Mar-1 Apr 2017, RGI, 34.639634N 79.902534W
Papilio glaucus, Chesterfield Co., Carolina Sandhills NWR, 1 Apr 2017, RGI, 34.582210N 80.233526W
Papilio glaucus, York Co., Anne Springs Close Greenway, 24 Jun 2017, RGI, 35.034168N 80.942735W
Papilio palamedes, Chesterfield Co., Cheraw State Park, 25 Mar 2017, RGI, 34.639634N 79.902534W
Papilio palamedes, Chesterfield Co., Carolina Sandhills NWR, 25 Mar-1 Apr 2017, RGI, 34.582210N 80.233526W
Papilio polyxenes, **Abbeville Co.**, Pressley Garden, Erskine College, 29 Aug 2019, MC2, Ebutterfly EB-C94537
Papilio polyxenes, Chesterfield Co., Cheraw State Park, 1 Apr 2017, RGI, 34.639634N 79.902534W
Papilio polyxenes, Chesterfield Co., Carolina Sandhills NWR, 1 Apr 2017, RGI, 34.582210N 80.233526W
Papilio polyxenes, **Lancaster Co.**, Indian Land, 25 Aug 2019, CS2, sight record, Ebutterfly EB-C94428
Papilio troilus, Chesterfield Co., Cheraw State Park, 1 Apr 2017, RGI, 34.639634N 79.902534W
Papilio troilus, Chesterfield Co., Carolina Sandhills NWR, 1 Apr 2017, RGI, 34.582210N 80.233526W

Pieridae:

Abaeis nicippe, Chesterfield Co., Cheraw State Park, 1 Apr 2017, RGI, 34.639634N 79.902534W
Abaeis nicippe, Chesterfield Co., Carolina Sandhills NWR, 25 Mar-1 Apr 2017, RGI, 34.582210N 80.233526W
Ascia monuste, Beaufort Co., MCRD Parris Island, 7 Aug 2017, H/F, sight record
Ascia monuste, Charleston Co., Edisto Island, 28 Jul 2017, TA1, photo record
Ascia monuste, **Georgetown Co.**, Hobcaw Barony, 2 Sep 2017, PS2, photo record
Eurema दौरa, Beaufort Co., Spanish Moss Trail Port Royal Island, 27 Oct 2017, SM1, sight record
Eurema दौरa, **Hampton Co.**, Webb Wildlife Center, 22 Sep 2017, RSS, sight record
Nathalis iole, **Jasper Co.**, Tillman Sand Ridge HP, 25 Aug 2019, DMF, photo record
Phoebis sennae, Chesterfield Co., Carolina Sandhills NWR, 1 Apr 2017, RGI, 34.582210N 80.233526W
Pontia protodice, **Allendale Co.**, Yellow House Farm, 7 May 2017, CSN, photo record
Pontia protodice, **Horry Co.**, Myrtle Beach SP, 9 Jul 2017, SH4, photo record
Pontia protodice, **Lancaster Co.**, Van Wyck Farm, 1 Apr 2017, M. Spangler, photo record, Ebutterfly EB-C244305
Pontia protodice, **York Co.**, Van Wyck Farm, 1 Apr 2017, MSP, photo record
Zerene cesonia, **Cherokee Co.**, Fire Station on Buck Shoals Rd, 12 Oct 2019, D. Allen, sight record

Pterophoridae:

Adaina ambrosiae, **Berkeley Co.**, Francis Marion NF, Hoover Rd @ powerline, 23 Aug 2019, BGS, 32.982N 79.787W
Buckleria parvulus, **Berkeley Co.**, Francis Marion NF, Hoover Rd @ powerline, 23 Aug 2019, BGS, 32.982N 79.787W
Exalastis pumilio, **Berkeley Co.**, Francis Marion NF, Hoover Rd @ powerline, 23 Aug 2019, BGS, 32.982N 79.787W

Tineidae:

Nemapogon angulifasciella, **Berkeley Co.**, Francis Marion NF, Hoover Rd @ powerline, 23 Aug 2019, BGS, 32.982N 79.787W

Tortricidae:

Bactra verutana, **Berkeley Co.**, Francis Marion NF, Hoover Rd @ powerline, 23 Aug 2019, BGS, 32.982N 79.787W
Cochylis hospes, **Berkeley Co.**, Francis Marion NF, Hoover Rd @ powerline, 23 Aug-20 Sep 2019, BGS, 32.982N 79.787W
Corticivora parva, **Berkeley Co.**, Francis Marion NF, Hoover Rd @ powerline, 23 Aug 2019, BGS, 32.982N 79.787W
***Endothenia montanana*, Berkeley Co.**, Francis Marion NF, Hoover Rd @ powerline, 23 Aug 2019, BGS, **State record**, 32.982N 79.787W
Epiblema abruptana, **Berkeley Co.**, Francis Marion NF, Hoover Rd @ powerline, 23 Aug 2019, BGS, 32.982N 79.787W
***Epiblema exacerbatricana*, Berkeley Co.**, Francis Marion NF, Hoover Rd @ powerline, 23 Aug-20 Sep 2019, BGS, **State record**, 32.982N 79.787W
Grapholita tristrigana, **Berkeley Co.**, Francis Marion NF, FS Rd 204F, 4 May 2019, BGS, 33.228N 79.519W, on *Lupinus*
Paralobesia viteana, **Berkeley Co.**, Francis Marion NF, Hoover Rd @ powerline, 23 Aug 2019, BGS, 32.982N 79.787W
Phaneta parmatana, **Berkeley Co.**, Francis Marion NF, Hoover Rd @ powerline, 23 Aug 2019, BGS, 32.982N 79.787W
Phaneta verniochreana, **Berkeley Co.**, Francis Marion NF, Hoover Rd @ powerline, 20 Sep 2019, BGS, 32.982N 79.787W
Strepsicrates smithiana, **Berkeley Co.**, Francis Marion NF, Hoover Rd @ powerline, 23 Aug 2019, BGS, 32.982N 79.787W
***Thaumato-grapha jonesi*, Berkeley Co.**, Francis Marion NF, Hoover Rd @ powerline, 20 Sep 2019, BGS, **State record**, 32.982N 79.787W
Zomaria rosaochreana, **Berkeley Co.**, Francis Marion NF, Hoover Rd @ powerline, 23 Aug 2019, BGS, 32.982N 79.787W

Virginia:

Autostichidae:

Glyphidocera juniperella, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Glyphidocera meyrickella, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Oegoconia deauratella, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Sceptea aequapulvella, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light

Blastobasidae:

Hypatopa punctiferella, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Pigritia laticapitella, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light

Coleophoridae:

Coleophora mayrella, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light

Cosmopterigidae:

Melanoclinis lineigera, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Perimede erransella, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Stilbosis tesquella, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light

Crambidae:

Anageshna primordialis, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Conchylodes ovulalis, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, flushed from vegetation
Crambus albells, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Microcrambus biguttellus, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Microcrambus kimballi, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Parapediasia teterellus, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Petrophila fulcalis, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light

Depressariidae:

Pseuderotis obliterella, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light

Elachistidae:

Elachista freyerella, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light

Erebidae:

Crambidia uniformis, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Hyperstrotia nana, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Orgyia leucostigma, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Oruza albocostaliata, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Redectis pygmaea, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light

Gelechiidae:

Aristotelia roseosuffusella, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Aristotelia rubidella, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Dichomeris inversella, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Dichomeris punctidiscella, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, on forest trail
Dichomeris punctipennella, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Sinoe robinella, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Taygete attributella, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light

Geometridae:

Eupithecia miserulata, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light

Glyphipterigidae:

Diploschizia impigritella, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, on fleabane flower

Gracillariidae:

Caloptilia azaleella, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Caloptilia belfragella, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light

Caloptilia blandella, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Caloptilia negundella, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Caloptilia ostryaella, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Cameraria guttifinitella, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Cameraria hamadryadella, Albemarle Co., Charlottesville, 14 Jun 2017, VXA, ex larva on white oak
Cameraria quercivorella, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Macrosaccus robinella, Albemarle Co., Charlottesville, 14 Jun 2017, VXA, ex larva on *Robinia pseudoacacia*
Marmara elotella, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Phyllonorycter celtisella, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Phyllonorycter lucidicastella, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light

Heliozelidae:

Antispila cornifoliella, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light

Lycaenidae:

Parrhasius m-album, Henrico Co., Lewis Ginter Botanical Gardens, 25 Mar 2017, WTH

Noctuidae:

Cerma cerintha, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Elaphria versicolor, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Eudryas grata, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Marimatha nigrofimbria, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Spragueia leo, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Sympistis infixa, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light

Nymphalidae:

Agraulis vanillae, City of Richmond Co., Maymont Park, 8 Sep 2017, WTH
Danaus plexippus, Fairfax Co., Fairfax, 1-20 Oct 2017, PT2, numerous, many spotted daily
Danaus plexippus, Fauquier Co., 5 mi N of Markham, 8 Oct 2017, PT2
Euptoieta claudia, Fauquier Co., 5 mi N of Markham, 30 Apr 2017, PT2
Vanessa virginiensis, Fairfax Co., Chantilly, 21 Oct 2017, PT2

Oecophoridae:

Promalactis suzukiella, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light

Papilionidae:

Eurytides marcellus, Fauquier Co., 5 mi N of Markham, 8 Apr 2017, PT2
Papilio glaucus, Fauquier Co., 5 mi N of Markham, 8 Apr 2017, PT2

Pieridae:

Abaeis nicippe, Fauquier Co., 5 mi N of Markham, 20 Aug-8 Oct 2017, PT2
Phoebis sennae, Henrico Co., western part of county, 27 Jun 2017, WTH
Pieris rapae, City of Richmond Co., Richmond, 25 Feb 2017, WTH

Prodoxidae:

Tegeticula yuccasella, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light

Pyralidae:

Acrobasis juglandis, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Ephesiodes infimella, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Eulogia ochrifrontella, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Pyralis farinalis, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light

Sphingidae:

Amphion floridensis, Albemarle Co., Charlottesville, 12 Jun 2017, VXA, hovering and feeding on fruit laden scat on forest trail

Tineidae:

Homostinea curvilineiella, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Mea bipunctella, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Nemapogon clematella, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Philonome clemensella, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light

Tischeriidae:

Coptotriche citrinipennella, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light

Tortricidae:

Argyrotaenia velutinana, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Catastega aceriella, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Coelostathma discopunctana, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Conchylis seriatana, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Corticivora parva, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Gretchena deludana, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Paralobesia viteana, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Platynota idaeusalis, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light
Platynota semiustana, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, at incandescent light

Yponomeutidae:

Yponomeuta multipunctella, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, flushed from vegetation at day along shaded creek

Zygaenidae:

Pyromorpha dimidiata, Albemarle Co., Charlottesville, 1-14 Jun 2017, VXA, on forest trail

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

Coordinator: Mark J. Mello

Contributors: Steve Fratello (SF), John T. MacRoy (JTM), Gerald M. McWilliams (GM), Mark J. Mello (MJM), Ernest Williams (EHW), Darryl Willis (DW2), Harry Zirlin (HZ), Harry Zirlin & Charlie Roberto (Z/R)

No written summary was provided.

RECORDS:

Maine:

Erebidae:

Arctia caja, Hancock Co., Deer Isle, 5-7 Aug 2019, Z/R
Catocala badia coelebs, Hancock Co., Deer Isle, 5-7 Aug 2019, Z/R

Hesperiidae:

Hesperia comma, Hancock Co., Deer Isle, 5-7 Aug 2019, Z/R

Nymphalidae:

Chlosyne harrisi, Hancock Co., Deer Isle, 5-7 Aug 2019, Z/R, larvae
Lethe anhedon, Hancock Co., Deer Isle, 5-7 Aug 2019, Z/R
Lethe eurydice, Hancock Co., Deer Isle, 5-7 Aug 2019, Z/R
Speyeria atlantis, Hancock Co., Deer Isle, 5-7 Aug 2019, Z/R, predated by crab spider

Sphingidae:

Pachysphinx modesta, Hancock Co., Deer Isle, 5-7 Aug 2019, Z/R
Sphinx kalmiae, Hancock Co., Deer Isle, 5-7 Aug 2019, Z/R
Sphinx poecila, Hancock Co., Deer Isle, 5-7 Aug 2019, Z/R

Massachusetts:

Argyresthiidae:

Argyresthia goedartella, Middlesex Co., Holliston, 6 Aug 2019, DW2

Crambidae:

Elophila tinealis, Middlesex Co., Holliston, 30 Jun 2019, DW2
Herpetogramma thestealis, Middlesex Co., Holliston, 12 Aug 2019, DW2
Sitochroa palealis, Middlesex Co., Holliston, 6 Aug 2019, DW2

Erebidae:

Haploa confusa, Middlesex Co., Holliston, 16 Jul 2019, DW2

Gelechiidae:

Coleotechnites atrupictella, Middlesex Co., Holliston, 6 Jul 2019, DW2

Geometridae:

Idaea bonifata, Middlesex Co., Holliston, 28 Jun 2019, DW2
Idaea dimidiata, Middlesex Co., Holliston, 29 Jun 2019, DW2

Noctuidae:

Leucania ursula, Middlesex Co., Holliston, 12 Aug 2019, DW2
***Xestia oblata*, Franklin Co., Monroe State Forest, 19 Jul 2019, MJM, uv light trap, State record**

Nolidae:

Meganola phylla, Middlesex Co., Holliston, 30 Jun 2019, DW2

Pyralidae:

Sciota subfuscella, Middlesex Co., Holliston, 13 Jul 2019, DW2
Sciota vetustella, Middlesex Co., Holliston, 13 Jul 2019, DW2

Sphingidae:

Agrius cingulatus, Bristol Co., New Bedford, backyard garden, 20 Jul 2019, MJM, pre-pupal larva unearthed while weeding

Tortricidae:

Cochylis hoffmanana, Middlesex Co., Holliston, 16 Jul 2019, DW2
Cydia populana, Middlesex Co., Holliston, 16 Jul 2019, DW2

New Jersey:

Noctuidae:

Papaipema speciossima, Ocean Co., Manchester, 7 Oct 2019, HZ

New York:

Drepanidae:

Euthyatira pudens, Westchester Co., Pound Ridge Reservation, 4 May 2019, HZ, uncommon in southern NY

Lycaenidae:

Celastrina sp., Suffolk Co., Sunken Forest, Fire Island National Seashore, 22 Sep 2019, SF, 2 seen

Feniseca tarquinius, Westchester Co., Scarsdale, 5 Nov 2019, HZ, chrysalis on introduced alder

Nymphalidae:

Danaus plexippus, Suffolk Co., Sunken Forest, Fire Island National Seashore, 22 Sep-26 Oct 2019, SF, nectaring on *Baccharis halimifolia*, late date

Junonia coenia, Suffolk Co., Sunken Forest, Fire Island National Seashore, 22 Sep-26 Oct 2019, SF, nectaring on *Baccharis halimifolia*, late date

Libytheana carinenta, Suffolk Co., Sunken Forest, Fire Island National Seashore, 22 Sep 2019, SF, nectaring on *Baccharis halimifolia*

Polygonia interrogationis, Suffolk Co., Sunken Forest, Fire Island National Seashore, 22 Sep-26 Oct 2019, SF, late date

Vanessa atalanta, Suffolk Co., Sunken Forest, Fire Island National Seashore, 22 Sep-26 Oct 2019, SF, late date

Vanessa cardui, Suffolk Co., Sunken Forest, Fire Island National Seashore, 22 Sep 2019, SF, nectaring on *Baccharis halimifolia*

Vanessa virginiensis, Suffolk Co., Sunken Forest, Fire Island National Seashore, 22 Sep 2019, SF, nectaring on *Baccharis halimifolia*

Papilionidae:

Papilio cressphontes, Herkimer Co., western Adirondacks, 17 Aug 2019, EHW

Pieridae:

Colias eurytheme, Suffolk Co., Sunken Forest, Fire Island National Seashore, 26 Oct 2019, SF, late date

Colias philodice, Suffolk Co., Sunken Forest, Fire Island National Seashore, 22 Sep 2019, SF

Saturniidae:

Hemileuca maia, Suffolk Co., Manorville, Long Island pine barrens, 21-24 Oct 2019, SF, late date

Sphingidae:

Hyles euphorbiae, Cattaraugus Co., Olean, Kamery Rd, 15 Aug 2019, JTM, nectaring on domestic phlox

Pennsylvania:

Crambidae:

Sclerocona acutella, Erie Co., Presque Isle State Park, 26 Jun 2019, GM, at light

Erebidae:

Catocala coccinata, Erie Co., Presque Isle State Park, 16 Jul 2019, GM, at light

Geometridae:

Metarrhanthia obfirmaria, Erie Co., Presque Isle State Park, 5 Jun 2019, GM, at light

Hesperiidae:

Panoquina ocola, Erie Co., City of Erie, 9 Oct 2019, GM, on Buddleia

Noctuidae:

Pseudeva purpurigera, Erie Co., Presque Isle State Park, 15 Jul 2019, GM, at light

Nymphalidae:

Lethe appalachia, Clearfield Co., Dubois, 15 Jun-17 Jul 2019, JTM, common in wet areas bordered by woodland

Pieridae:

Colias sennae, Erie Co., Presque Isle State Park, 14-16 Aug 2019, GM, 12-20 per day in beach parking lot where larval host was planted, unprecedented number for NW PA

Pyrisitia lisa, Erie Co., Presque Isle State Park, 31 Jul-2 Aug 2019, GM, 3 fresh females and one fresh male at beach parking lot where host grows

Pterophoridae:

Cnaemidophorus rhododactyla, Erie Co., City of Erie, 16 Jul 2019, GM, at light

Emmelina monodactyla, Erie Co., City of Erie, 19 Jun 2019, GM, at light

Zone 11: Mexico & the Caribbean Islands

Coordinator: Isabel Vargas Fernandez

No report submitted.