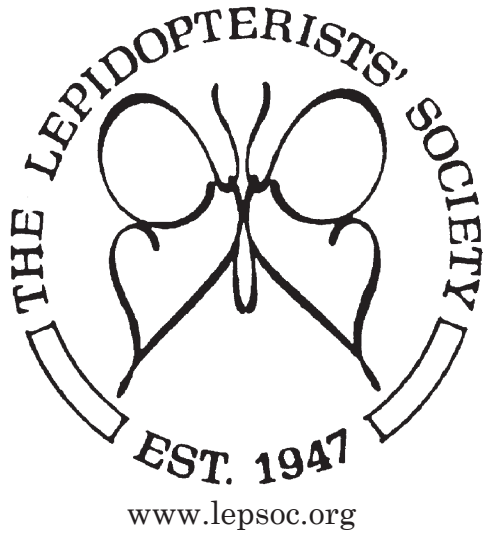




NEWS OF THE LEPIDOPTERISTS' SOCIETY



2023 Season Summary

Volume 66, Supplement S1

Index

NEWS OF THE LEPIDOPTERISTS' SOCIETY

Volume 66, Supplement S1

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

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Zone 1:		4
Alaska		5
Zone 2:		5
Idaho		9
Oregon, Washington		10
Zone 3:		12
Arizona		13
California		14
Nevada	.....	18
Zone 4:	.....	19
Colorado	.....	20
Montana	.....	21
New Mexico	.....	25
Wyoming	.....	27
Zone 5:	.....	27
Kansas	.....	31
Nebraska	.....	33
North Dakota	.....	34
Oklahoma	.....	37
South Dakota, Manitoba	.....	38
Zone 6:	.....	41
Texas	.....	42
Zone 7:	.....	44
Ontario	.....	44
Quebec	.....	49
Zone 8:	.....	51
Illinois, Indiana, Michigan	.....	55
Minnesota	.....	64
Wisconsin	.....	67
Zone 9:	.....	72
Arkansas, Florida, Georgia	.....	73
Louisiana, Mississippi, North Carolina	.....	74
South Carolina	.....	74
Virginia		75
Zone 10:	(No report)	
Zone 11:	(No report)	
Season Summary Zone Coordinators.		

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ISSN

Edited by: Brian Scholtens and Jeffrey Pippen (addresses inside back cover)

Cover pages/index edited by: James K. Adams (address inside back cover)

Front Cover: *Argentostiria koebelei* larva on *Psorothamnus polydenius*, collected July 12, 2023, 4 mi E of Eagleville, Modoc Co. CA. Image by Laurence Crabtree. See page 16.

Season Summary 2023 – Print Edition

There are both print and online PDF versions of the Season Summary: 1) We are more selective with records included in the print edition of the Season Summary. We include all National, State and County records, as well as other records that have significance, such as very late or early records, explosions of species, and migrant movements. We seek to include more text and photos in the introductory material for each zone, and we want to encourage contributors to provide information and photos that zone coordinators can submit with future Season Summaries. 2) The online or PDF edition of the Season Summary 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 submitted to the SCAN database and are searchable using that system (<https://scan-bugs.org/portal/collections/harvestparams.php>).

Finally, we want to sincerely thank all the contributors and particularly the zone coordinators for pushing forward to continue the valuable effort that is the Season Summary. This will be the final year as Zone Coordinator for both Jon Shepard (Zone 2) and Isabel Vargas Fernandez (Zone 11). Jon has been the longest serving Zone Coordinator, as far as we know in the history of the society, and we wish him well as he passes on this duty to Caitlyn LaBar. Ivonne Garzon will be taking over coordination for Zone 11. We welcome both to the Season Summary team.

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 for butterflies follows the most current version of the Pelham (2022) list and for moths follows the Pohl et al. (2016) list for North America. We haven't checked every single record but attempted to use those lists throughout.

Zone 1: Far North: Alaska, Northwest Territories, Nunavut, and Yukon Territory
Coordinator: Brian McGurgan

Contributors: Brian McGurgan (BM4)

Brian McGurgan submitted numerous and detailed butterfly records from southern Alaska, focused on the Anchorage area. All photos by Brian McGurgan.



Erebia magdalena mackinleyensis: Eklutna Lake



Euchloe ausonides ogilvia: Basher Dr. Trail



Oeneis jutta: Baxter Bog Pk.



Oeneis melissa gibsoni: Eklutna Lake



Polygonia faunus arcticus: Eklutna Lake



Parnassius phoebus apricatus: Eklutna Lake

RECORDS:

Alaska:

Hesperiidae:

Erynnis persius borealis, Anchorage District, Chugach State Park, Eklutna Lake, 61.40981N 149.12854W, 2 Jul 2023, BM4, SW most record in Alaska

Pyrgus centaurae freija, Anchorage District, Mt. Baldy, Eagle River, 61.33797N 149.50887W, 18 Jun 2023, BM4, rare in Anchorage area

Nymphalidae:

Boloria frigga, Anchorage District, Baxter Bog Park, Anchorage, 61.18489N 149.75657W, 8-9 Jul 2023, BM4, local in Anchorage area

Oeneis jutta, Anchorage District, Baxter Bog Park, Anchorage, 61.18489N 149.75657W, 8 Jul 2023, BM4, very local in Anchorage area

Phyciodes pulchella, Anchorage District, Chugach State Park, Eklutna Lake, 61.40981N 149.12854W, 2-22 Jul 2023, BM4, most southern record near Anchorage

Pieridae:

Pontia occidentalis nelsoni, Anchorage District, Mt. Baldy, Eagle River, 61.33604N 149.48962W, 18 Jun-5 Aug 2023, BM4, rare in Anchorage area

Pontia occidentalis nelsoni, Anchorage District, Chugach State Park, Eklutna Lake to Pepper Peak, 61.41271N 149.12478W, 22 Jul 2023, BM4

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

Coordinator: Caitlin LaBar

Contributors: Jane Abel (JA), Keith Abel (KA), Jeff Bartlett (JBA), Cheryl Bellin (CB1), Keith Brady (KBR), Lars G. Crabo (LGC), Casey Cunningham (CCU), MerryLynn Denny (MD2), Mike Denny (MD3), David Droppers (DD), Kristin Gnojewski (KGN), Lisa Hill (LHI), iNaturalist (IN), David James (DJ), Phil Kahler (PKA), Kim Kendall (KKE), Tanna Knouse (TKN), Woody Knouse (WKN), Caitlin LaBar (CL), Christopher Lindsey (CLI), Ben R. Mous (BRM), Dan Murphy (DMU), Laura Payeur (LP), Jonathan P. Pelham (JPP), Merrill Peterson (MP), Emiko Peterson-Yoon (PY1), Eric Peterson-Yoon (PY2), Robert Michael Pyle (RMP), Jim Rauh (JRA), Jim Reed (JRE), Reg Reisenbichler (RRE), Sylvia Sheets (SS), Michael Stein (MST), Kathy Thompson (KTH), Washington Butterfly Association (WBA), Melanie Weiss (MWE), Carol Yoon (CY)

First, a big thank you to Jon Shepard for nearly 50 years (1974-2023) as the Zone 2 coordinator, that's a lot of dedication! I am humbled to be asked to take over, and wish him the best in "retirement", focusing on his many Lep interests.

There were many interesting records in 2023, helped in part by a growing number of people reporting data in Washington. In reviewing these records and investigating some underreported counties and species, in addition to compiling a backlog of my own records that I neglected to send Jon in recent years, the 2023 report includes several 2021-2022 records and a few older records that came up during this review. No moth records were submitted, except one of my own.

BRITISH COLUMBIA: No report submitted.

WASHINGTON: King County has had several interesting records in the last couple of years, thanks to the efforts of Ben Mous exploring many high elevation sites, and Jeff Bartlett documenting a wide range of species at his Enumclaw home, a few of which represented new range extensions in the state.

Cowlitz County has surprisingly few records for such a large county situated between the Columbia River and Mount St. Helens, perhaps because much of it is private land. Caitlin LaBar began exploring some of the Weyerhaeuser and State DNR land in 2023 and has already turned up several county records. These, along with a subset of the more common records, are provided in this report. *Ochlodes sylvanoides*, *Phyciodes mylitta*, and *Speyeria hydaspe* were by far the most common summer species, seen at almost every site surveyed in the county, and were the last three species flying right up to the first cold snap in mid-September.

Okanogan County has experienced some exciting developments recently. *Limenitis archippus* was believed extirpated from Okanogan County after 1959. Hopfinger reported that it had been as common as *L. lorquini* until 1916 when it began to decline, and he did not see one from 1922 until 1940 (Leighton, 1946). The last records were by Hopfinger in 1959 from around Brewster. On 3-Sep-2017, Dale Swedberg reported seeing one patrolling

and perching on *Salix exigua* along the Okanogan River between Riverside and Tonasket. In 2021, Cheryl Bellin and Jim Rauh discovered and photographed several in the Cassimer Bar area just east of Brewster. This was repeated by Reg Reisenbichler and Kim Kendall in 2023. The most surprising observation came from Keith Brady, who photographed an *archippus X lorquini* hybrid in a grove of willows at the Sinlahekin Wildlife Area north of Conconully. He returned a week later and photographed what appeared to be the same individual, with a few more chips out of the wings, still occupying the same site. Cheryl and Jim also documented a range extension of *Speyeria coronis* to the northwest, the first county record of *Polites sabuleti*, and a second county record of *Thymelicus lineola*, among several other highlights.

Jonathan P. Pelham notes that *Vanessa cardui* were more frequently recorded than in the past five years, while *Nymphalis californica* were less so. These two species often follow opposite trends in their up-and-down cycle in the state. He also wished to note the abundance of *Thymelicus lineola* in Washington lately: it was seen at almost every site in NE WA during July butterfly trips by multiple observers, and iNaturalist records from the Puget Sound region indicate it seems to be expanding in Whatcom County and beginning to spread into Skagit County. Also, *Tharsalea editha* has been regularly recorded in the Blue Mtns in SE WA but sparingly in the NE corner of the state; however, sightings seem to be increasing in the NE and some are included in this report.

Speyeria coronis had another banner year across the state. Of note, it has been repeatedly recorded in lowland King County and Mason County from 2021 through 2023, and a new county record for Cowlitz was added in 2023. Following Melanie Weiss's article in the Summer 2023 News, where she documented her observations of ovipositing *S. coronis* in late 2021 and 2022, she has repeated the behavioral observations, again photographing *S. coronis* ovipositing in dirt near Reecer Creek, Kittitas County, on 30-Sep-2023.

Atalopedes campestris continues to be regularly reported from the Tri-Cities area and other sites along the Columbia River, east to Pullman and north to Spokane. The first record in Grant County appears to be a specimen at OSAC collected by James R. Dillman on 25-Sep-2003 at Soap Lake, followed by a 2006 record by the Peterson family, included here in the summary.

The massive explosion of *Brephidium exilis* in the Tri-Cities area of SE Washington in 2022 appeared to not survive the prolonged cold snap during the winter; only a handful of individuals were spotted in late 2023 in both WA and OR. This species was first recorded in WA (Benton County) by Robert M. Pyle in 2004. The next record was in 2016, when Dana N. Ross found them again in Benton County. In 2022, *B. exilis* was discovered in Walla Walla County on September 3 by Christopher Lindsey, setting off an explosion of records that lasted into November. Over a thousand individuals were physically counted, and extrapolated numbers across surveyed areas were estimated by some to be in the millions. Records were either posted to iNaturalist or sent to Caitlin, who neglected to report them for the 2022 summary. That is rectified here, with most non-iNat records, first/last dates, and county records reported.

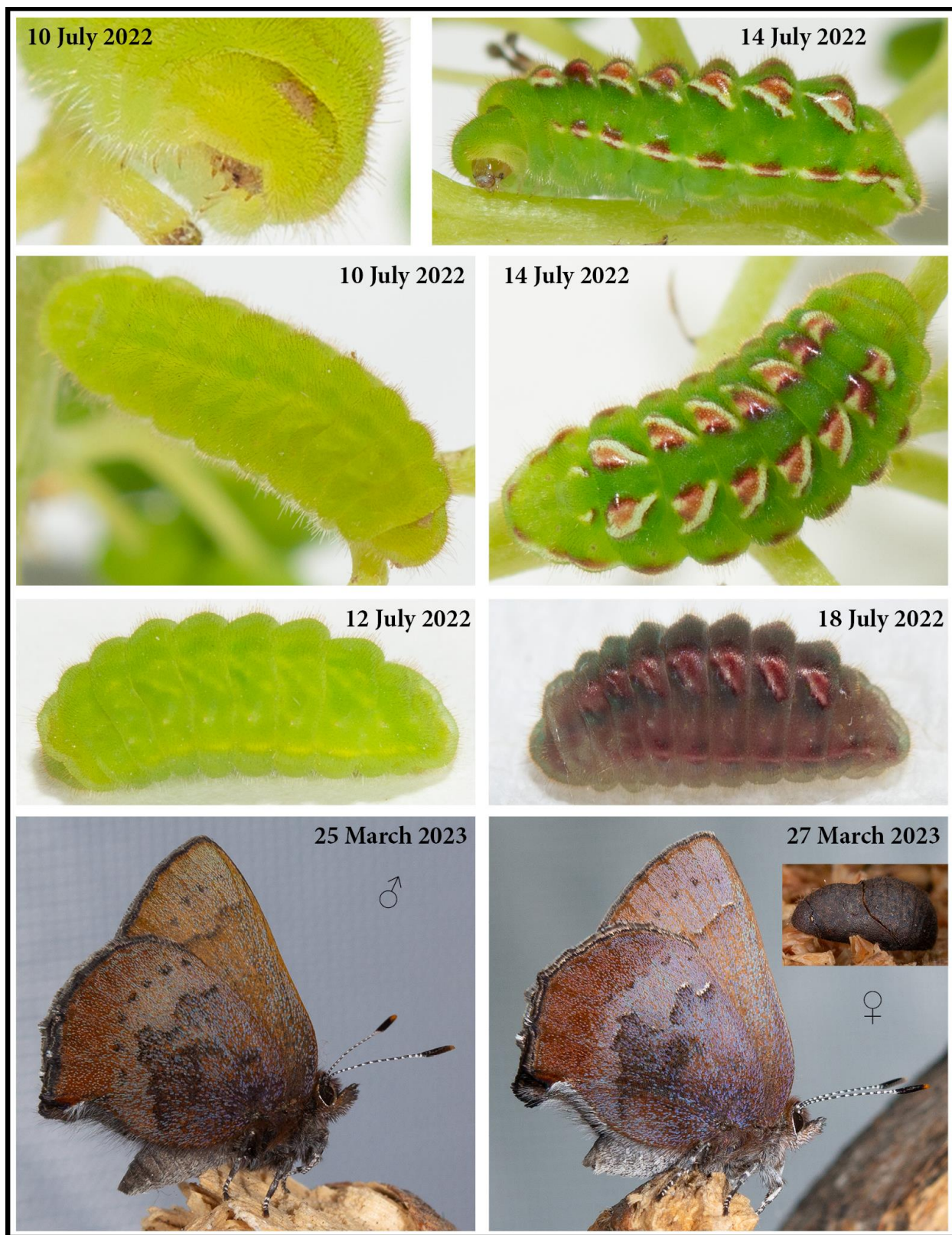
OREGON: Records of *B. exilis* likewise increased in Oregon, albeit in much smaller numbers, in 2022 and 2023. They are regularly recorded in Malheur and Harney counties, and occasionally Lake County, between April and October from 1953 to present. They are rarely seen in more northern counties, but records have increased in recent years. Among the influx of *B. exilis* came a new record of *Leptotes marina* in Harney County, a species previously recorded only from Deschutes, Douglas, and Jefferson counties.

IDAHO: At least 40 records of *B. exilis* were reported in the vicinity of Boise on iNaturalist in 2023. *Leptotes marina* was recorded for the first time in Ada County and second time in the state, the only other known record being from Cassia County, reported in the Season Summary from 2005.

Photos:



Brephidium exilis, WA, Walla Walla Co., 9 Sep 2022, by Keith Brady – 1st Co. Record



Callophrys augustinus, OR, Wheeler Co., by Caitlin LaBar – new foodplant record of *Cornus sericea*



Catocala semirelecta, WA, Cowlitz Co., 29 Sep 2023,
by Caitlin LaBar – 1st Co. Record



Speyeria coronis, WA, Kittitas Co., 8 Sep 2023,
by Melanie Weiss – female ovipositing on dirt

Same individual, a week apart:



Limenitis archippus x lorquini hybrid,
WA, Okanogan Co., 22 Jun 2023,
by Keith Brady



Limenitis archippus x lorquini hybrid,
WA, Okanogan Co., 29 Jun 2023,
by Keith Brady

RECORDS:

Idaho:

Hesperiidae:

Thymelicus lineola, Shoshone Co, Lookout Pass Ski Area, N of state line, 4800ft., 47.4564N 115.6976W, 23 Jul 2023, BRM, CL, JPP, 2nd county record

Thymelicus lineola, **Shoshone Co**, Pullout W of Lookout Pass Ski Area., 47.4634N 115.7458W, 16 Jul 2022, IN, user bufface, iNat record 145775136

Lycaenidae:

Leptotes marina, **Ada Co**, Veterans Park, Boise, 17 Oct 2023, KGN, iNaturalist record 187942379, 2nd record in state

Plebejus idas atrapraetextus, Shoshone Co, Lookout Pass Ski Area, N of state line, 4800ft., 47.4564N 115.6976W, 23 Jul 2023, BRM, CL, JPP

Satyrrium sylvinus nootka, Shoshone Co, Lookout Pass Ski Area, N of state line, 4800ft., 47.4564N 115.6976W, 23 Jul 2023, BRM, CL, JPP

Tharsalea editha vurali, Shoshone Co, Lookout Pass Ski Area, N of state line, 4800ft., 47.4564N 115.6976W, 23 Jul 2023, BRM, CL, JPP, possibly 2nd county record

Nymphalidae:

Cercyonis oetus oetus, Shoshone Co, Lookout Pass Ski Area, N of state line, 4800ft., 47.4564N 115.6976W, 23 Jul 2023, BRM, CL, JPP

Oregon:

Lycaenidae:

Brephidium exilis, **Deschutes Co**, S of Redmond, 44.2452N 121.1774W, 20 Oct 2023, IN, user licowa, iNaturalist record 188305435
Brephidium exilis, **Sherman Co**, Bruckert Rd, 45.4448N 120.5918W, 7 Oct 2021, KTH, photo at https://www.butterfliesandmoths.org/sighting_details/1313828
Brephidium exilis, **Sherman Co**, Bruckert Rd, 45.4448N 120.5918W, 18 Oct 2023, KTH, 2nd county record
Callophrys augustinus iroides, Wheeler Co, Bear Hollow Park, SR 19 SE of Fossil, 44.9387N 120.1250W, 25-27 Mar 2023, CL, 1 male (em. 3/25) & 1 female (em. 3/27) reared from larvae found 9-Jul-2022 on *Cornus sericea* flowers; first record of *augustinus* using red osier dogwood
Celastrina echo echo, Wheeler Co, Bear Hollow Park, SR 19 SE of Fossil, 44.9387N 120.1250W, 25-30 Mar 2023, CL, 1 male (em. 3/28) & 3 females (em. 3/25, 27, 30) reared from larvae found 9-Jul-2022 on *Cornus sericea* flowers
Echinargus isola, **Malheur Co**, Birch Creek, 22 Jul 2023, MST, iNaturalist record 174974056, **STATE RECORD**
Leptotes marina, **Harney Co**, Page Springs Rec Site, W of Steens Mt., 4 Sep 2023, CCU, iNaturalist record 188630169

Washington:

Erebidae:

Catocala semirelictica, **Cowlitz Co**, Keslo, 2700 Allen St., 29 Sep 2023, CL, 1 male at light, confirmed by LGC & MP

Hesperiidae:

Amblyscirtes vialis, Mason Co, Cushman-Potlatch Rd, powerline cut, 600ft., 47.3829N 123.1836W, 21-31 May 2023, TKN & WKN, BAMONA record 1356320, 3 sightings total, this species only recently recorded W of Cascades
Amblyscirtes vialis, **Thurston Co**, Deschutes Falls Park, 855ft, 46.8042N 122.4159W, 20 May 2023, LP, BAMONA record 1357002
Atalopedes campestris campestris, **Grant Co**, Quincy Lake, west shore, 1188ft., 47.1415N 119.9273W, 12 Aug 2006, MP, CY, PY1, & PY2, 2nd county record
Erynnis persius, Columbia Co, Touchet Rd., 46.0921N 117.8520W, 23 Jun 2023, SS, 1 photographed, Blue Mt. segregate, underreported in county
Erynnis persius, **Whatcom Co**, Newhalem Creek Campground Loop C, 526ft., 48.6704N 121.2577W, 1 Jun 2023, CB1, DD, DMU, & MWE, 2 individuals, photo, Cascadian segregate
Erynnis propertius, Kittitas Co, French Cabin Creek, 3010ft., 47.3560N 121.1415W, 26 Jun-15 Jul 2020, MWE, caught/released, ID confirmed, new location and extremely rare for county
Erynnis propertius, Kittitas Co, French Cabin Creek, 3010ft., 47.3560N 121.1415W, 2 Jul 2021, MWE, puddling, extremely rare for county
Erynnis propertius, Kittitas Co, French Cabin Creek, 3010ft., 47.3560N 121.1415W, 21 Jul 2022, MWE, puddling, extremely rare for county
Euphyes vestris vestris, Cowlitz Co, Weyerhaeuser Longview Tree Farm, seep on 1440 Rd, 0.45mi E of 1435 Rd, 46.1319N 122.4793W, 12 Aug 2023, CL, 1 male, late date
Euphyes vestris vestris, King Co, Enumclaw, 31020 SE 384th St, 47.2589N 121.9269W, 30 Jun 2023, JBA, 1 photographed, iNaturalist record 170349740, slight NE range extension in western Washington
Heliopetes ericetorum, Kittitas Co, Umtanum Recreation Site in Kakima River Canyon, 46.8551-4N 120.4825-54W, 2-16 Sep 2022, CL, 5 collected, 10+ seen, first records from this frequently-surveyed area, larval foodplant, *Iliamna rivularis*, establishing heavily in area after 2020 wildfire
Heliopetes ericetorum, Yakima Co, roadside N of Umtanum Falls Trailhead, 46.9005N 120.6433W, 1-16 Sep 2022, CL, 9 collected, first records from this frequently-surveyed area, larval foodplant, *Iliamna rivularis*, establishing heavily in area after 2020 wildfire
Hesperia colorado, King Co, Enumclaw, 31020 SE 384th St, 47.2589N 121.9269W, 27 Aug-9 Sep 2023, JBA, 4 records on iNaturalist, significant range extension and first records of 'Salish' segregate in county since 1937
Hesperia juba, **Wahkiakum Co**, Swede Park, Gray's River, 46.3568N 123.5813W, 25 Aug 2023, RMP, 1 female, observed at length nectaring on *Buddleia davidii*
Polites mystic, Lincoln Co, Crab Creek/Rocky Ford, 1850ft/564m elev, 47.3016N, 118.2450W, 12 Jun 2021, MWE, photographed nectaring on yarrow, rare record for county, Pacific NW segregate
Polites sabuleti alkaliensis, **Okanogan Co**, Cassimer Bar, Brewster, 790ft/241m elev, 48.0928N, 119.7038W, 31 May 2021, CB1 & JRA, photo record
Thorybes pylades indistinctus, Mason Co, Cushman-Potlatch Rd, powerline E, 595ft/181m elev, 47.3829N, 123.1836W, 19-28 May 2023, TKN & WKN, 3 sightings, BAMONA record 1356065, this species only recently recorded from W of Cascades
Thymelicus lineola, Okanogan Co, Sweat Creek Picnic Area off Hwy 20, 48.6804N, 118.9049W, 8 Jul 2023, CB1 & JRA, photo record, 2nd county record
Thymelicus lineola, Pend Oreille Co, Tacoma Creek Rd (FR 2389), at horse camp meadow, 2815ft/858m elev, 48.4766N, 117.4110W, 13 Jul 2023, BRM, CL, JPP, not commonly reported in WA
Thymelicus lineola, Pend Oreille Co, Tacoma Creek Rd (FR 2389), N of FR 2615 intersection, 3370ft elev, 48.4953N, 117.4523W, 13 Jul 2023, BRM, CL, JPP, not commonly reported in WA
Thymelicus lineola, Pend Oreille Co, Tiger Meadows: Rocky Creek Rd (FR 2630) near Hwy 20, 3190ft elev, 48.6659N, 117.4764W, 13 Jul 2023, BRM, CL, JPP, not commonly reported in WA
Thymelicus lineola, Pend Oreille Co, Smackout Pass, 48.7771N, 117.5218W, 22 Jul 2023, SS, 2 photographed
Thymelicus lineola, Pend Oreille Co, Tiger Meadows, 48.6701N, 117.4740W, 23 Jul 2023, WBA, WBA conference field trip report; this species was notably abundant in multiple locations in NE WA

Thymelicus lineola, Stevens Co, Tacoma Creek Rd (FR 2389), near Little Pend Oreille NWR, 3730ft elev, 48.5272N, 117.5417W, 13 Jul 2023, BRM, CL, JPP, not commonly reported in WA
Thymelicus lineola, Snohomish Co., Meadow Lake, 48.7345N, 117.57042W, 22 Jul 2023, SS, 1 photographed
Thymelicus lineola, Stevens Co, Tacoma Creek Rd (FR 2389), small clearing 4090ft, 48.5198N, 117.5144W, 13 Jul 2023, BRM, CL, JPP, 1 collected, not commonly reported in WA

Lycaenidae:

Agriades glandon megalos, King Co, short forest road near Kelly Butte trailhead, 4380ft/1335m elev., 47.1641N, 121.4753W, 5 Jul 2021, BRM, collected, lowest elevation record in county
Brephidium exilis, Benton Co, Horn Rapids Park, 46.3809N, 119.4354W, 4 Oct 2022, DJ
Brephidium exilis, Benton Co, Snively Rd, agricultural fields, West Richland, 46.3598N, 119.3954W, 9-15 Nov 2022, DJ, iNaturalist record 141632148, at late date 4 found newly dead (flexible, not dried), overcast and 33F after ~5 nights of 19-36F
Brephidium exilis, Benton Co, Snively Rd, agricultural fields, West Richland, 46.3611N, 119.3961W, 25 Sep-13 Oct 2022, IN, numerous records from multiple people, most posted to iNaturalist
Brephidium exilis, Benton Co, Snively Rd, agricultural fields, West Richland, 46.3605N, 119.3932W, 24 Sep 2022, LHI, iNaturalist record 137017493, 3rd county record
Brephidium exilis, Benton Co, Port of Benton, 46.3415N, 119.2659W, 10-12 Nov 2022, JA, both days in very cold weather
Brephidium exilis, **Franklin Co**, Rail To Trail off Herman Rd, Pasco, 458ft/140m elev, 46.2947N, 118.8116W, 28 Sep 2022, CB1 & JRA, photo, iNaturalist record 136835299
Brephidium exilis, **Klickitat Co**, RR service road off Hwy 14, 1mi W of county line, 45.8411N, 119.8856W, 30 Sep 2022, CL, 3 collected, 4 seen
Brephidium exilis, **Walla Walla Co**, McNary NWR, Peninsula Unit near Casey Pond, E of Hwy 12, 46.1627N, 118.9448W, 3 Sep 2022, CLI, iNaturalist record 133583973, 3rd state record
Brephidium exilis, Walla Walla Co, McNary NWR, Villard Ponds Unit, waste area E of Hwy 12, 46.1644N, 118.9412W, 9 Sep 2022, KBR, 2 photographed, 2nd county record
Brephidium exilis, Walla Walla Co, Railex Rd east of Hwy 12, N of Wallula, 46.1232N, 118.9281W, 15 Sep 2022, MP, more than 20 seen in an hour, iNaturalist record 135305773; 3rd county record
Icaricia lupini lutzi, Columbia Co, Touchet Road, 46.0921N, 117.8519W, 25 Jun 2023, SS, blues puddle party, at least 15-20 observed; underreported in county
Icaricia lupini lutzi, **King Co**, Pacific Crest Trail, Kendall Katwalk on King/Kittitas county line, 5435ft/1657m elev., 47.45171N, 121.37881W, 31 Jul 2022, BRM, collected
Plebejus anna ricei, Cowlitz Co, Weyerhaeuser Longview Tree Farm, seep on 1440 Rd, 0.45mi E of 1435 Rd, 46.1319N 122.4793W, 12 Aug 2023, CL, 1 male; first specimen collected in county (previous photo records)
Satyrium saepium saepium, Ferry Co, Bear Creek Sanpoil River, 48.4820N, 118.7268W, 8 Jul 2023, CB1 & JRA, few records in county
Satyrium saepium saepium, Ferry Co, Cache Creek Road, 48.1889N, 118.7846W, 8 Jul 2023, CB1 & JRA, few records in county
Satyrium semiluna semiluna, Pierce Co, 6600-6800 ft elev. near Crystal Mountain gondola summit, 46.9365N, 121.5008W, 9 Jul 2023, JBA, iNaturalist record 172115815, edge of range
Satyrium sylvinus nootka, King Co, "Skid Road" basin, Stevens Pass Ski Area, 4700-4800ft elev., 47.7313N, 121.0901W, 17 Aug 2022, BRM, collected, 1st county record in over 100 years
Satyrium sylvinus, Kittitas Co, Iron Horse Trail at Hwy 97, 47.0382N, 120.6087W, 4 Jul 2023, CL, 1m & 1f on milkweed near *Salix exigua*; new site record for Kittitas Valley segregate
Satyrium sylvinus, Kittitas Co, McCabe Pond, 46.9259N, 120.5082W, 4 Jul 2023, CL, 20+ individuals on milkweed near *Salix exigua*; Kittitas Valley segregate known location that hasn't been surveyed in many years.
Satyrium sylvinus nootka, Pierce Co, Chrystal Mountain, 5298ft/1615m elev, 46.8697N, 121.5195W, 26 Aug 2022, MWE, nectaring on pearly everlasting; rare record for county, edge of range
Tharsalea heteronea klotsi, **King Co**, Stevens Pass Ski Area, 4050-4400ft elev., 47.7393N, 121.0909W, 17 Aug 2022, BRM, collected
Tharsalea mariposa cascadia, **Cowlitz Co**, Weyerhaeuser Longview Tree Farm, 1440 Rd seep, 0.45mi E of 1435 Rd, 46.1319N, 122.4793W, 12 Aug 2023, CL, 1male collected
Tharsalea mariposa cascadia, Cowlitz Co, Weyerhaeuser Longview Tree Farm, Elk Mtn at saddle, 46.1283N, 122.4605W, 12 Aug 2023, CL, 1m/1f collected, 2 males seen, 2nd county record
Tharsalea mariposa cascadia, Cowlitz Co, Weyerhaeuser Longview Tree Farm, 5580 Rd N of Big Bull peak in small clearing, 46.1798N, 122.4056W, 26 Aug 2023, CL, 1male collected, 3rd county record

Nymphalidae:

Aglais milberti subpallida, Columbia Co, Touchet Road, 46.0931N, 117.8493W, 23 Jun 2023, SS, 20+ observed, very fresh; underreported in county
Aglais milberti subpallida, Pierce Co, Camp Muir, Mt. Rainier NP, 10070ft/3069m elev., 46.8354N, 121.7325W, 3 Jul 2023, BRM, few seen flying over snow and rock; high elevation
Aglais milberti subpallida, Pierce Co, Ingraham Flats, Mt. Rainier NP, 11025ft/3360m elev., 46.8449N, 121.7339W, 5 Jul 2023, BRM, few seen flying over snow and rock; highest elevation butterfly record in WA
Argynnis callippe semivirida, Ferry Co, Cache Creek Road, 48.1889N, 118.7846W, 8 Jul 2023, CB1 & JRA, 2nd county record
Argynnis coronis simaetha, **Cowlitz Co**, Weyerhaeuser Longview Tree Farm, 2820 Rd corner west of 2536 Rd, 46.3472N, 122.299W, 19 Aug 2023, CL, 3 males collected, several seen
Argynnis coronis simaetha, **Mason Co**, Dry Mountain, 47.4724N, 123.3827W, 10 Jul 2021, TKN & WKN, 1 male photographed, BAMONA record 1299828
Argynnis coronis simaetha, Mason Co, FR 24, 47.5135N, 123.1392W, 20 Jul 2021, TKN & WKN, 1 male photographed, BAMONA record 1302009, 2nd county record

Argynnis coronis simaetha, Mason Co, FR 2464, 47.5254N, 123.1326W, 2 Aug 2021, TKN & WKN, 1 male photographed, BAMONA record 1304635, 3rd county record

Argynnis coronis simaetha, Okanogan Co, Cub Creek Rd at FR-5215, 2629ft/801m elev, 48.5762N, 120.2312W, 29 Aug-2 Sep 2022, CB1 & JRA, range extension; 1 female voucher in CL Collection

Argynnis coronis simaetha, Okanogan Co, NF-5215 Cow Creek, 48.5822N, 120.2799W, 7 Jun 2023, CB1 & JRA, photo; range extension confirmed in second year

Argynnis coronis simaetha, **Whatcom Co**, Slate Pass, 48.7325N, 120.6694W, 15 Jul 2023, CB1 & JRA, photo

Argynnis egleis macdunnoughi, Columbia Co, Touchet Road, 46.0928N, 117.8502W, 25 Jun 2023, SS, 1 photographed; few records of species in WA

Argynnis leto pugetensis, King Co, Enumclaw, 31020 SE 384th St, 47.2589N, 121.9269W, 10 Jul 2021, JBA, 1 male photographed, iNaturalist record 86490072, eastern range extension of subspecies

Argynnis zerene picta, King Co, Enumclaw, 31020 SE 384th St, 47.2589N, 121.9269W, 12 Jul 2022, JBA, 1 photographed, iNaturalist record 125991473, 1st record in King Co in over 40 years

Argynnis zerene picta, **Whatcom Co**, NF-700 Harts Pass, 48.7267N, 120.6706W, 16 Jul 2023, CB1 & JRA, photo

Boloria epithore chermocki, Columbia Co, Touchet Road, 46.0927N, 117.8508W, 25 Jun 2023, SS, 1 photographed; underreported in county

Chlosyne acastus sterope, Okanogan Co, Cub Creek hillslope, 48.5714N, 120.2192W, 31 May 2023, CB1, photo; northern range extension in the Methow

Chlosyne palla palla, Columbia Co, Skyline Drive, 46.2493N, 117.7558W, 23 Jun 2023, SS, 1 photographed, underreported in county

Chlosyne palla palla, Columbia Co, Touchet Road, 46.0931N, 117.8493W, 23 Jun 2023, SS, 2 photographed, underreported in county

Chlosyne palla palla, Columbia Co, Touchet Road, 46.0925N, 117.8510W, 25 Jun 2023, SS, 3 photographed, underreported in county

Euphydryas editha colonia, Cowlitz Co, Weyerhaeuser Longview Tree Farm, Elk Mtn, north slope below saddle, 46.1279N, 122.4569W, 12 Aug 2023, CL, 1 female collected, late date

Limenitis archippus X lorquini, Okanogan Co, Sinlahekin Wildlife Area: wet meadow N of Fish Lake, 48.6209N, 119.7059W, 22-29 Jun 2023, KBR, 1 hybrid, *archippus*-like, very dark orange with heavy black markings, same individual photographed on both days, ID'd by CL, JPP.

Polygonia gracilis zephyrus, Garfield Co, Mt. Misery, 46.1190N, 117.5366W, 24 Jun 2023, SS, 2 photographed, underreported county

Polygonia satyrus neomarsyas, Garfield Co, Mt. Misery, 46.1241N, 117.5254W, 24 Jun 2023, SS, photographed, underreported county

Vanessa virginiensis, **Grays Harbor Co**, Wynoochee Pass Trail, FR 400, 28 Aug 2022, TKN & WKN, 2 fresh seen at trailhead, 3 more on hike, BAMONA record 1341686

Papilionidae:

Papilio bairdii oregonia, Okanogan Co, Sinlahekin Wildlife Area, from 48.7787N, 119.6626W to 48.6221N, 119.7062W, 13 May 2023, CL, 22+ seen in multiple locations throughout the wildlife area; first time spring brood has been documented here

Papilio bairdii oregonia, Okanogan Co, Lewis Butte, 3352ft/1022m elev, 48.5191N, 120.2232W, 25 Jul 2022, CB1, photo, 2 individuals; range extension

Papilio indra indra, **King Co**, Tye Rd near/at Hwy 2 near Stevens Pass, 3960ft/1207m elev., 47.7458N, 121.0925W, 14 Jul 2022, BRM, collected

Parnassius clodius claudianus, Cowlitz Co, Weyerhaeuser Longview Tree Farm, 1440 Rd stream crossing, 0.3mi E of 1440-G spur, 46.1198N, 122.5105W, 12 Aug 2023, CL, 1 male collected, 2m caught/released; late date

Parnassius clodius claudianus, Cowlitz Co, Weyerhaeuser Longview Tree Farm, Elk Mtn at saddle, 46.1283N, 122.4605W, 12 Aug 2023, CL, 1 female collected, late date

Parnassius smintheus magnus, **King Co**, short forest road near Kelly Butte trailhead, 4380ft/1335m elev., 47.1641N, 121.4753W, 5 Jul 2021, BRM, collected

Pterourus eurymedon, Columbia Co, Punjab Campground, 46.2043N, 117.7059W, 23 Jun 2023, SS, big puddle party, 25+ observed

Pieridae:

Colias eriphyle, Cowlitz Co, Weyerhaeuser Longview Tree Farm, 1440 Rd E of 1435 Rd, 46.1301N, 122.4874W, 12 Aug 2023, CL, 2 males collected; 2nd county record, first was by Fred Hansen in 1987

Pontia beckerii, King Co, Enumclaw, 31020 SE 384th St, 47.2589N, 121.9269W, 2 Jul 2021, JBA, 1 female photographed, iNaturalist record 85398063, slight western range extension

Pontia occidentalis occidentalis, **Mason Co**, powerline cut near Cushman-Potlatch Rd, 47.3797N, 123.1801W, 30 Jun 2021, TKN & WKN, 1 female photographed, BAMONA record 1297755

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

Coordinators: Ken Davenport and Kelly Richers

Contributors: Brett Badeaux (BB7), BAMONA submission (BAM), Brian Banker (BB4), David Bartholomew (DB1), William Beck (WB2), James P. Brock (JPB), Diane Brodeur & Robert Gorman (DBG), Matthew Brown (MB1), Paul Cherubini (PC1), Laurence L. Crabtree (LLC), Ken Davenport (KD), Peter DeGennero (PDG), Bill Dempwolf (WRD), Carl Dobson (CD), Nancy Ewer (NDE), Robert Gorman (RG4), Matthew Grube (MG3), Tom Horton (TH1), iNaturalist submission (IN), Greg Kareofelas (GK), Mary Klinkel (MK2), Michael Leski (MLL), Chris Leslie (CL2), Nick Lethaby (NL), Mary Maki (MM4), Patricia McCollum (PM3), Charles Melton (CME), Richard P. Meyer (RPM), Seth Mueller

(SM6), Barbara Peck (BP1), Hugh Ranson (HR1), Rajan Rao (RR2), Kelly M. Richers (KMR), Kilian Roever (KR), Richard Sobonya (RS2), William H. Taft (WHT), Paul Thompson (PT1), Mark Walker (MW), Dave L. Wikle (DW)

ARIZONA: There was fairly good rainfall in the spring, but the summer monsoons really never got going and butterfly activity was very poor, with low numbers of species and individuals and very few rare strays or transients from Mexico. There was only one new County Record which was a rare stray.

CALIFORNIA: California had a record winter and spring in terms of rainfall and snowfall which helped end a three-year drought. However, the good wet year followed three very dry years and many lower and mid-elevation butterflies were not flying in good numbers. Others did, many often in localized areas. What was amazing was the flight periods started very late in the high alpine zones leading to many late flight extensions for those species. And the mild fall temperatures led to many flight extensions in southern California where there was unusual fall rainfall.

Monarchs and Painted Ladies had good years and migrations with Queens moving back north into areas where they were very scarce or absent the past 3 years. There were very few Snouts and fewer Variegated Fritillaries in 2023 than in the previous year. There were 6 new County records with a *Polydamas Swallowtail* occurrence in Orange County nicely photo-documented by Robert Gorman, only the 3rd record for the state.

NEVADA: Few records for Nevada were submitted with some rare strays turning up in the Las Vegas area in the spring; there were no new County records.

HAWAII: No submissions were received.

RECORDS:

Arizona:

Erebidae:

Orgyia psuedotsugata benigna, **Apache Co.**, Greer, North Fork and Greer road, 23 Sep 2023, KMR & DW

Gelechiidae:

Chionodes optio, **Apache Co.**, Greer, North Fork and Greer road, 23 Sep 2023, KMR & DW

Geometridae:

Biston rigidaria, **Apache Co.**, Greer, North Fork and Greer road, 23 Sep 2023, KMR & DW

Digrammia delectata, **Apache Co.**, Greer, North Fork and Greer road, 23 Sep 2023, KMR & DW

Digrammia yavapai, **Apache Co.**, Greer, North Fork and Greer road, 23 Sep 2023, KMR & DW

Hesperiidae:

Aguna asander, **Pima Co.**, Lower Madera Canyon, Santa Rita Mts., 24 Aug 2023, PDG, photo by Cecil Wingfield

Aguna asander, Santa Cruz Co., Patagonia., 10 Sep 2023, PDG, very rare species in state

Atrytonopsis margarita, Greenlee Co., Steeple Canyon at Blue River, 26 May 2023, KR

Heliopetes ericetorum, Greenlee Co., Blue River, 4-5mi S of post office, 26 May 2023, KR, very abundant

Megathymus ursus, Pima Co., Lower Madera Canyon, Santa Rita Mts., 29 Jul 2023, BB4, rarely seen species

Polygonus arizonensis, Pima Co., Tucson (in yard) near Sabino Canyon., 20 Sep 2023, JPB

Polygonus arizonensis, Pima Co., Green Valley area., 23 Sep 2023, PDG, rare in county

Polygonus arizonensis, Santa Cruz Co., Patagonia., 10 Sep 2023, PDG, rare stray in 2023

Pyrgus scriptura apertorum, Santa Cruz Co., Canoa Ranch., 4 Jan 2023, MK2, early flight for state

Thorybes albosuffusa, Santa Cruz Co., 4.5mi SE of Patagonia, 27 Jan 2023, JPB, last instar larvae in *Cologetia angustifolia* patch, emerged in May

Zestusa dorus, Cochise Co., Chiricahua Mts, at several stream crossings, 14 Apr 2023, WRD, very abundant

Zestusa dorus, Santa Cruz Co., Finley and Adams hilltop, 6000', Duquesne Rd, Duquesne, 19 Mar 2023, MB1, thousands of individuals

Lycaenidae:

Callophrys affinis affinis, Coconino Co., Kaibab Plateau, Point Sublime, 9 Aug 2023, KR, using buckwheat host, sympatric and synchronic with *apama*

Callophrys affinis apama, Coconino Co., Kaibab Plateau, Point Sublime, 9 Aug 2023, KR, using *Ceanothus* as host, sympatric and synchronic with *affinis*

Callophrys xami, Greenlee Co., San Francisco River up from Clifton, 24 Apr 2023, WB2

Noctuidae:

Abagrotis nefascia, **Apache Co.**, Greer, North Fork and Greer road, 23 Sep 2023, KMR & DW

Alypoides geronimo, Santa Cruz Co., Patagonia, 8 Aug 2023, RS2

Euxoa quadridentata, **Apache Co.**, Greer, North Fork and Greer road, 23 Sep 2023, KMR & DW

Euxoa teleboa, **Apache Co.**, Greer, North Fork and Greer road, 23 Sep 2023, KMR & DW
Homoanarta carneola, **Apache Co.**, Greer, North Fork and Greer road, 23 Sep 2023, KMR & DW
Homoanarta peralta, **Apache Co.**, Greer, North Fork and Greer road, 23 Sep 2023, KMR & DW
Hydraecia obliqua, **Apache Co.**, Greer, North Fork and Greer road, 23 Sep 2023, KMR & DW
Lacinipolia spiculosa, **Apache Co.**, Greer, North Fork and Greer road, 23 Sep 2023, KMR & DW
Pleromelloida cinerea, **Apache Co.**, Greer, North Fork and Greer road, 23 Sep 2023, KMR & DW
Pseudanarta exasperata, **Apache Co.**, Greer, North Fork and Greer road, 23 Sep 2023, KMR & DW
Pseudanarta flavidens, **Apache Co.**, Greer, North Fork and Greer road, 23 Sep 2023, KMR & DW
Pseudanarta singula, **Apache Co.**, Greer, North Fork and Greer road, 23 Sep 2023, KMR & DW
Trichopolia incincta, **Apache Co.**, Greer, North Fork and Greer road, 23 Sep 2023, KMR & DW

Nymphalidae:

Adelpha eulalia, Maricopa Co., Seven Springs, 21 Dec 2023, TH1, late for the year
Anaea aidea, Pima Co., Rattlesnake Canyon, Sabino Canyon, 5 Feb 2023, PDG, seen relatively early in season
Cercyonis meadii mexicana, Mohave Co., Hualapai Mts, Deer Creek spring and hillside by park entrance, 11 Jul 2023, KD, only one freshly emerged individual seen and collected
Cercyonis meadii mexicana, Yavapai Co., Mingus Mt W of Jerome, 29-30 Jul 2023, BB4, dozen seen in 2 days
Chlosyne coronado coronado, Mohave Co., Lime Canyon Rd, 7.9mi S of White Rock Rd, 25 Apr 2023, JPB, *fulvia* complex appears to have replaced *Chlosyne leanira alma* that was there in the 1980's
Chlosyne lacinia crocale, Apache Co., East Fork, White River, 7mi E Fort Apache, 25 May 2023, KR, rare in this county
Cyllopsis pertepida dorothea, Mohave Co., Hualapai Mts, Deer Creek spring and hillside by park entrance, 11 Jul 2023, KD, very abundant, most in fresh condition
Limenitis weidemeyerii angustifascia, Coconino Co., Lower Central Oak Creek Canyon, Oak Creek, 1 Oct 1978, KD, well seen adult flying down Oak Creek in central part of Oak Creek Canyon, LATE for state.
Limenitis weidemeyerii angustifascia, Navajo Co., Jct. Jwy 260 and Buck Springs Rd, 18 Jul 2023, JPB, numerous last instar larvae on *Populus tremuloides* found by Dylan Glasco suggesting possible 2nd brood
Phyciodes mylitta arizonensis, Mohave Co., Hualapai Mts, Deer Creek below park entrance and spring, 11 Jul 2023, KD, 3 individuals, one vouchered, very rare in this county

Papilionidae:

Papilio bairdii bairdii, Coconino Co., Flagstaff area, 2 Sep 2023, BB4, late record for state

Riodinidae:

Apodemia nais, Cochise Co., Huachuca Mts, Miller Canyon Crest Trail, 8 Aug 2023, PDG

Sesiidae:

Carmenta auritincta, Cochise Co., Huachuca Mts, Ramsey Canyon, 2 Aug 2023, WHT & CME
Carmenta pallene, Cochise Co., Huachuca Mts, Brown Canyon trail, 5-11 Sep 2023, WHT & CME
Carmenta wellerae, Cochise Co., Huachuca Mts, Brown Canyon trail, 3 Aug 2023, WHT & CME
Carmenta wiellgusi, Cochise Co., Huachuca Mts, Brown Canyon trail, 5-11 Sep 2023, WHT & CME
Palmia praecedens, Santa Cruz Co., Santa Rita Mts, Montosa Canyon, 2 Apr 2023, WHT & CME

Tortricidae:

Eucosma montanana, **Apache Co.**, Greer, North Fork and Greer road, 23 Sep 2023, KMR & DW

California:

Agonoxenidae:

Chrysoclista grandis, **Modoc Co.**, 8 mi E Adin, Forest Rd 22, 5680', 30 Jul 2022, LLC

Crambidae:

Achyra occidentalis, **Modoc Co.**, 4 mi E Eagleville, Co Rd 37, 11 Sep 2023, LLC
Loxostege terpnalis, **Modoc Co.**, 8 mi E Lake City, Co Rd 15A, 12 May 2023, LLC
Pyrausta lethalis, **Modoc Co.**, 1 mi W Cedarville, Hwy 299, 29 Jul 2023, LLC
Pyrausta nexalis, **Modoc Co.**, 7 mi W Cedarville, Cedar Pass Hwy 299, 22 Jul 2022, LLC
Pyrausta scurralis, **Lassen Co.**, 9 mi E Adin, Cottonwood Spr., 6000', 29 Aug 2023, LLC
Thaumatopsis repandus, **Plumas Co.**, Onion Valley, Co. Rd. 511, 9 Sep 2011, LLC

Erebidae:

Catocala californiensis, **Modoc Co.**, Manzanita Mtn., 11 mi NE Adin, 7000', 29 Aug 2022, LLC

Gelechiidae:

Chionodes lector, **Lassen Co.**, 9 mi E Adin, Cottonwood Spr., 6000', 15 Aug 2023, LLC

Hesperiidae:

Agathymus stephensi, Riverside Co., Cactus Springs, Santa Rosa Wilderness, 8 Sep 2023, BB4, very common
Agathymus stephensi, Riverside Co., Cactus Springs, Santa Rosa Wilderness, 12 Sep 2023, BB7, very common
Erynnis afranius, Riverside Co., Santa Rosa Mts, entrance, Sawmill Transfer Station, 3 Jun 2023, BB4, few records for *afranius* in state have been published
Erynnis afranius, San Bernardino Co., San Bernardino Mts, Baldwin Lake Preserve, 19 Jun 2023, MG3
Erynnis afranius, San Diego Co., Pala, 3 Oct-28 Nov 2023, BB7, late flight record for state
Erynnis afranius, Ventura Co., Ridgeline of Hillcrest Open Space, Thousand Oaks, 20 Apr 2023, MM4, this is the first *published* record I know of for this county.
Erynnis funeralis, San Diego Co., Fallbrook, 17 Jan 2023, BB7, early flight record for state

Heliopetes ericetorum, **Siskiyou Co.**, Lava Beds National Monument, 19 Aug 2008, BP1
Heliopetes ericetorum, Siskiyou Co., Horseshoe Ranch Wildlife area, 9 Oct 2023, BP1, 2nd county record
Hesperopsis gracilae, Imperial Co., canal near Calexico and Mexican border, 14 Jun 2023, BAM, photo by "dkaralun", probably a new locality
Ochlodes agricola, **Shasta Co.**, McCloud River Bridge near McCloud River Camp, 30 Apr 2021, KD, confirmatory record
Ochlodes sylvanoides, San Diego Co., Santa Margarita River Trail, NE of Fallbrook, 4 Dec 2023, BB7, late flight for state
Panoquina errans, Orange Co., San Clemente State Beach, 8 Dec 2023, BB7, late flight extension for state
Panoquina errans, Sant Barbara Co., nr. Santa Barbara airport and entrance to UCSB, 24 Oct 2023, BAM, submission by Daniel Fitzgerald
Pyrgus ruralis ruralis, Mono Co., trail east side of Saddlebag Lake, Tioga Pass area, 10100', 30-31 Jul 2023, KD, very common both days, latter day Yosemite Butterfly Count Group
Pyrgus scriptura apertorum, Riverside Co., Cactus Springs, Santa Rosa Wilderness, 24 Oct 2023, BB7, unusually common
Pyrgus scriptura apertorum, San Bernardino Co., Mescal Ridge, Bailey Rd in ravines, 5 Jul 2023, KD, two dozen seen in 2 hours, usually very scarce in nature
Systasea zampa, Riverside Co., Dripping Springs Camp, 16 May 2023, BB7, common
Systasea zampa, San Diego Co., Dry wash next to Santa Margarita River, Fallbrook, 8 May 2023, BB7, colony near the California coast
Systasea zampa, San Diego Co., Western edge Colorado Desert, Anza-Borrego area, 31 Oct-1 Nov 2023, BB7, 18-20 adults, unusually common
Systasea zampa, San Diego Co., Anza-Borrego State Park, Big Spring to Middle Spring Loop, 21 Nov 2023, BB7, late flight for state
Urbanus proteus, Imperial Co., NW of Mexicali near Ocotillo, 5 Apr 2023, BB7 & RG4

Lycaenidae:

Agriades podarce cilla, Mono Co., Rock Creek Lake, E side Sierra Nevada, 19 Sep 2023, HR1, late for the state
Callophrys dumetorum perplexa, San Diego Co., Culp Valley Campground, 1 Nov 2023, BB7, extremely LATE record for state following tropical storm
Callophrys gryneus juniperaria, Kern Co., Tehachapi Mts. off Tehachapi-Willow Springs Rd. 3-4 mi. E Oak Crk Rd., 1 Sep 2023, KD, an unusual fall flier where this species has not even recently been seen in the spring during long term drought
Callophrys gryneus juniperaria, Los Angeles Co., Bob's Gap N of Valyermo, 18 Sep 2023, BB7, several rather worn individuals following heavy tropical storm
Callophrys gryneus siva, San Bernardino Co., Mescal Ridge, Bailey Rd, in ravines on flowers, 5 Jul 2023, KD, rather late in season to find this in the eastern Mojave Desert, 3 individuals
Callophrys johnsoni, Sierra Co., Sierraville, 11 Jul 2023, RG4
Callophrys sheridanii lemberti, Sierra Co., Sierraville, 10 Jul 2023, RG4
Echinargus isola, Orange Co., Blue Jay Camp, 11 May 2023, BB7, few records published for this county, but many records in southern Calif. this year
Echinargus isola, Riverside Co., Dripping Springs Camp, 9 May 2023, BB7
Echinargus isola, Riverside Co., Murieta, 15 May 2023, BB7, also very common in the White Mountains and at high elevations in the Sierra Nevada
Euphilotes centralis hadrochilus, Inyo Co., White Mountains, canyon above and behind S side of Narrows, Hwy 168, 28 Jul 2023, KD, common near end of normal flight on *Eriogonum umbellatum*
Euphilotes glaucus comstocki, Kern Co., Tehachapi Mountain 7900', 26 Jul 2023, CL2, not extirpated at this location as has been stated in literature
Euphilotes langstoni, Kern Co., Chimney Peak Rd. west below Lamont Peak, 12 May 2023, KD, large colony thought to be an *enoetes*, also in this area
Euphilotes pallescens elvirae, Inyo Co., High mid-elevation-Nine Mile Canyon, 2 Jun 2023, KD, early flight date for state
Glaucopsyche lygdamus incognita, Monterey Co., Santa Lucia Mts., "Rat Creek", 36.0927237N 121.6176247W, 25 Nov 2023, BAM, photo by Dave Nelson, an unusual fall record
Glaucopsyche piasus, Riverside Co., San Jacinto Mts, S of Beaumont, 6 May 2023, SM6, intergrades between 2 subspecies
Icaricia acmon, San Diego Co., Rainbow, 26 Dec 2023, BB7, late flight date for the state
Icaricia icarioides icarioides, Alpine Co., Woodchuck Basin Trailhead, 8 Oct 2023, RR2, late for the state
Icaricia saepiolus aehaja, Alpine Co., Woodchuck Basin Trailhead, 8 Oct 2023, RR2, late for the state
Leptotes marina, San Mateo Co., Santa Cruz Mts, 24 Aug 2023, CD
Leptotes marina, Santa Clara Co., Sunnyvale, 19 Aug 2023, DB1
Leptotes marina, **Shasta Co.**, Anderson off I-5, 30 Aug 2023, BP1
Lycaena cupreus lapidicola, Mono Co., Saddlebag Lake, 18 Sep 2023, DBG, late flight for state
Ministrymon leda, **Orange Co.**, Fullerton Arboretum, 1 Oct 2023, BB7, introduced by nursery stock?
Philotiella speciosa, Imperial Co., near Ocotillo, 4 Apr 2023, RG4
Philotiella speciosa, Inyo Co., desert hills in lower White Mts. off Hwy. 168, 7 May 2023, KD, reported by Jason Cole
Philotiella speciosa, Inyo Co., Lubken Canyon south of Lone Pine, 17 May 2023, KD, flying later than most years
Strymon istapa clenchi, San Diego Co., Guajome Park, Oceanside, 17 Aug-5 Oct 2023, BB7, coastal colony of a Colorado Desert species still going strong!
Tharsalea helloides, Mono Co., White Mountains, Poison Creek above 10,500', 28 Jul 2023, KD, possibly the first record for the range and at an unusually high elevation
Tharsalea helloides, Riverside Co., Dripping Springsground 1700', 17 Oct 2023, BB7, scarce in the lower Southern California counties
Tharsalea helloides, San Diego Co., Box Canyon, Anza-Borrego Desert, 6 Nov 2023, RG4, very unusual in the Anza-Borrego Desert, a windblown stray?
Tharsalea mariposa mariposa, Mono Co., Bennettsville Mine area, 17 Sep 2023, HR1
Tharsalea rubidus monachensis, Alpine Co., Woodchuck Basin, 8 Oct 2023, RR2, late for state

Noctuidae:

Acontia cretata, **Modoc Co.**, 4 mi E Eagleville, Co Rd 37, 13 Aug 2023, LLC
Argentostiria koebelei, Modoc Co., 4 mi E of Eagleville, larva on *Psorothamnus polydenius*, 12 Jul 2023, LLC
Autographa sansoni, **Modoc Co.**, 1 mi W Cedarville, Hwy 299, 7 Sep 2022, LLC
Lithophane jeffreyi, **Modoc Co.**, 9 mi NE Adin, Manzanita Mtn., 6800', 29 Sep 2022, LLC
Lithophane longior, **Lassen Co.**, 9 mi E Adin, Cottonwood Spr., 6000', 7 Oct 2022, LLC
Platypolia loda, **Modoc Co.**, Manzanita Mtn., 11 mi NE Adin 7000', 29 Sep 2022, LLC
Schinia feliciata, **Modoc Co.**, 4 mi E Eagleville, Co Rd 37, 14 Jul 2023, LLC
Schinia lynda, **Modoc Co.**, 8 mi E Lake City, Co Rd 15A, 8 Jun 2022, LLC
Sympistis albifasciata, **Lassen Co.**, 9 mi E Adin, Cottonwood Spr., 6000', 28 Sep 2023, LLC
Sympistis amenthes, **Modoc Co.**, 9 mi NE Adin, Manzanita Mtn., 6800', 27 Sep 2022, LLC
Ufeus plicatus, **Modoc Co.**, 9 mi NE Adin, Manzanita Mtn., 6800', 29 Sep 2022, LLC

Nymphalidae:

Adelpha californica, Los Angeles Co., Calabasas Peak Trailhead, Calabasis, 28 Dec 2023, MM4
Adelpha californica, San Diego Co., Anza-Borrego State Park, Tubb Canyon Trail, Big to Middle Spring, 31 Oct 2023, BB7, unusual out on the desert floor
Argynnis calippe comstocki, San Bernardino Co., Crafton Hills (North Yucaipa), 26 May-10 Jun 2023, MG3
Argynnis coronis coronis, Santa Clara Co., West side Mt. Hamilton, 24 Oct 2023, CD
Argynnis egleis egleis, Alpine Co., Woodchuck Basin, Wheeler Ridge Trail & Trailhead, 8 Oct 2023, RR2
Argynnis zerene malcolmi, **Alpine Co.**, North Monitor Pass on coyote mint, 16 Aug 2023, BAM
Argynnis zerene monticola, Tulare Co., Sherman Pass Rd. 7500' near 4 X 4 Rd. to Sherman Peak, 5 Sep 2023, KD, reappeared after recent years of apparent absence probably caused by recent drought and this year's heavy rains
Cercyonis pegala boopis, Sonoma Co., Healdsburg Ridge, Nancy's Hill Trail, 29 Sep 2023, BAM, unusually late
Cercyonis sthenele behrii, Ventura Co., Lockwood Valley, Dry Canyon, 8 Nov 2023, RPM
Chlosyne acastus neumogeni, Inyo Co., White Mountains, Hwy. 168 above Narrows 7200', 17 May 2023, KD, unusual this high in elevation
Chlosyne acastus neumogeni, Inyo Co., Lower Nine Mile Canyon, 2 Jun 2023, KD, unusually late spring brood
Chlosyne acastus neumogeni, Los Angeles Co., Bob's Gap area, 18 Sep 2023, BB7, very common in fall after major tropical storm
Chlosyne californica, Orange Co., Hilltop above San Clemente, 10 Oct 2023, RG4
Chlosyne leanira wrighti, Riverside Co., Palm to Pines Hwy., Cactus Springs Trail and vicinity, 24 Oct 2023, BB7, unusual fall flight
Chlosyne leanira wrighti, San Diego Co., Culp Valley Campground, 1 Nov 2023, BB7, late for state
Chlosyne whitneyi, Mono Co., Trail east side of Saddlebag Lake-10,100', 5-18 Sep 2023, RG4, LATE for state after very lengthy winter and late snowmelt
Danaus gilippus thersippus, Mono Co., Walker City Park, 12 Aug 2023, CD
Danaus gilippus thersippus, Mono Co., Little Walker Meadow nr. Sonora Jct., 16 Aug 2023, BB4
Danaus gilippus thersippus, San Luis Obispo Co., Arroyo Grande, 18 Oct 2023, PC1
Danaus gilippus thersippus, Santa Barbara Co., Jalama Beach, 22 Sep 2023, NL
Danaus gilippus thersippus, Santa Barbara Co., Deception Point along Pacific Ocean, 30 Oct 2023, NL, 4 observed
Danaus gilippus thersippus, Tulare Co., Kern River at Limestone Camp & Corral Creek, 17 Aug 2023, KD, returned in some numbers after 2 years of near absence in the region following heavy rains
Danaus plexippus, Kern Co., Weldon, Kelso Valley Rd. near Jct. with SR 178, 12-31 Oct 2023, KD, very common after 2 drought years were observed in the fall
Danaus plexippus, Kern Co., 2-3 mi. south of Kernville, base of Greenhotn Mts. with flowers, 12 Oct 2023, KD, very common
Danaus plexippus, Tulare Co., Sherman Pass area 5680-7000', 17 Aug-5 Sep 2023, KD, common along mid-elevation streams and on flowers, Sherman Pass region and Cherry Crk Rd.
Danaus plexippus, Tulare Co., Kern River at Limestone Camp, 5 Sep 2023, KD, very common on narrow leaf milkweed along road in areas of heavy drainage
Danaus plexippus, Ventura Co., Camarillo, 12 Aug 2023, BAM, photo by Alex Neder
Euphydryas chalcedona hennei, Riverside Co., Palms to Pines Hwy., Cactus Springs Trail, 24 Oct 2023, BB7, common in infrequent fall brood
Euphydryas editha nubigena, Mono Co., East side Saddlebag Lake, 17 Sep 2023, DBG, late flight for state
Euptoieta claudia, Imperial Co., Canal near Calexico and Mexican Border, 17 Jun 2023, BAM, photo by "dkaralun"
Euptoieta claudia, San Bernardino Co., Clark Mountains, 24 Apr 2023, BB7 & RG4
Heliconius charithonia, Ventura Co., Oxnard, 11-16 Nov 2023, PM3, photo of fresh individual, accidental import or reared and released in the wild?
Limenitis lorquini powelli, San Diego Co., Santa Margarita Preserve, 13 Dec 2023, BB7, late for the state
Oeneis chryxus ivallda, Mono Co., Saddlebag Lake, 18 Sep 2023, DBG, latest date by 2 days for state
Phyciodes mylitta mylitta, San Diego Co., Santa Margarita River Trail, 18 Dec 2023, BB7, late flight date for state
Polygonia faunus fulvescens, Santa Cruz Co., confluence of Soquel Creek & Hinkley Creek, 3 Jun 2023, BAM, photo by Nicole Dunne
Polygonia faunus rusticus, Madera Co., Creek below Fresno Dome Camp, 15-20 Oct 2023, MLL, late flight date for state

Papilionidae:

Battus philenor hirsuta, Santa Cruz Co., Santa Cruz-Tubac, 13 Mar 2023, NDE
Battus philenor philenor, Orange Co., Hill and ridge above San Clemente, 10 Oct 2023, RG4, rare stray to S. California
Battus philenor philenor, Santa Barbara Co., Santa Ynez Mts.-E Camino Cielo, 4 Jul 2023, NL, accompanied by Tina Tan, 2nd County record
Battus polydamas, Los Angeles Co., Burbank, W. Clark Ave., 11 Apr 2020, IN, photo by "teacherjamie"-2nd California record, first since 1924
Battus polydamas, **Orange Co.**, Hill and ridge above San Clemente, 24 Oct 2023, RG4, 3rd record for California in 99 years
Papilio indra pergamus, Riverside Co., Ridge W of Perris, 20 Feb 2023, MW, early record for *indra* and *pergamus* in the state

Papilio indra pergamus, San Diego Co., Garnet Peak and nearby ridge, 29 Apr 2023, MW, several adults observed, some in fresh condition
Papilio indra pergamus, San Diego Co., Laguna Mts. ridge, 13 May 2023, MW, several individuals
Papilio polyxenes rudkini, Inyo Co., White Mountains, Hwy. 168 mouth of the Narrows 7000', 17 May 2023, KD, probably the first reported record for the California White Mountains
Papilio polyxenes rudkini, Inyo Co., E slope Sierra Nevada at 8400', nr. Bishop Creek Lodge, 17 Jun 2023, KD, one collected female with "polyxenes" abdominal spots, ocellate forewing band and rounded spots along forewing edge
Parnassius clodius baldur, Alpine Co., Woodchuck Basin-Wheeler Ridge Trail at timberline, 8 Oct 2023, RR2, late record for state
Parnassius clodius baldur, Mono Co., Bennettsville Mine area, 17 Sep 2023, HR1, late snowmelt led to late flights
Parnassius clodius baldur, Mono Co., East side Saddlebag Lake, 18 Sep 2023, RG4
Parnassius smintheus behrii, Mono Co., Dana Lake area, 14 Sep 2023, DGB, late flight for state
Pterourus eurymedon, Mono Co., E of Sonora Pass at about 8200', 29 Jul 2023, KD, roadkill, few records of this species in this county
Pterourus eurymedon, Mono Co., E of Sonora Pass, Sardine Creek, 16 Aug 2023, BB4, 2 individuals in a county where this species is rarely seen
Pterourus eurymedon, Mono Co., Bridgeport area, 6 Aug 2023, RG4, another documented record for this species
Pterourus eurymedon, Riverside Co., Cactus Springs Trail off {Palms to Pines Hwy.}, 12 Sep 2023, BB7, found in the Fall and in a rather desert habitat
Pterourus eurymedon, San Diego Co., Rainbow, 12 Jan 2023, BB7, early flight date for state

Pieridae:

Abaeis nicippe, Tulare Co., Lower Alder Crk 5680' on Cherry Hill Rd. nr. Sherman Pass Rd., 9 Jun 2023, KD, 2nd record for the Sherman Pass west slope area
Anthocharis cethura, San Bernardino Co., Crafton Hills and Zanja Hills, 7 May 2023, SM6
Colias behrii, Mono Co., West side Saddlebag Lake, 18 Sep 2023, DBG, late flight for state
Colias eriphyle, Inyo Co., White Mts., 1/4 mi. above Narrows on Hwy 168, 17-18 May 2023, KD, several, not usually seen this low at 7000' in this dry area
Colias harfordii, San Diego Co., Laguna Mts. ridge, 13 May 2023, MW, common on this day and locality and in many other reports elsewhere by many, but still has not recovered from drought in northern part of range
Euchloe hyantis hyantis, Tulare Co., Chimney Peak Rd, E side Lamont Meadows hilltop, 12 May 2023, KD, reappeared after 2 years of absence due to drought
Nathalis iole, Tulare Co., Sherman Pass Rd., Dry Crk. Cyn. 4300', 9 Jun 2023, KD, 3 Individuals with voucher, only 1 previous record W slope Sherman Pass Rd., others same locality later dates by others
Nathalis iole, Tulare Co., Sherman Pass Rd. 7000' W slope Alder Creek, 5 Sep 2023, KD, 2nd record at this location
Neophasia menapia menapia, Kern Co., Piute Mountains in high elevation forest, 31 Jul 1978, KD & AD, first report of this species in Piute Mountains not previously reported or known to occur there until a more recent report
Phoebis agarithe fisheri, Orange Co., Irvine, 6 Feb 2016, KD, submitted by Ken Linden
Zerene cesonia, Riverside Co., Palms to Pines Hwy., Cactus Springs Trail, 23 May 2023, BB7, many reports by many of seeing numbers of this species this year

Pyrilidae:

Homoeosoma electellum, **Lassen Co.**, 1 mi W Turtle Mtn., 4100', 12 Jul 2013, LLC
Interjectio columbiella, **Modoc Co.**, 8 mi E Lake City, Co Rd 15A, 8 Jun 2022, LLC
Quasisalebriaria occidentalis, **Modoc Co.**, 11 mi NE Adin, Manzanita Mtn., 7000', 11 Aug 2022, LLC

Riodinidae:

Calephelis nemesi dammersi, San Diego Co., nr. Eucalyptus Grove Trail from 100m from Kestrel Drive trailhead, 21 Dec 2023, BAM, photo by Curis Wilbur, LATE for the state!
Calephelis wrighti, San Diego Co., Asnza-Borrego State Park-Big Spring to Middle Spring Loop, 21 Nov 2023, BB7, 38 individuals seen, though late in season

Sphingidae:

Macroglossum stellatarum, **Yolo Co.**, Davis, 21 Sep 2023, GK, might be only 2nd state record

Tortricidae:

Decodes johnstoni, **Modoc Co.**, 9 mi NE Adin, Manzanita Mtn., 6800', 9 Oct 2022, LLC
Epinotia emarginana, **Modoc Co.**, 9 mi NE Adin, Manzanita Mtn., 6800', 29 Sep 2022, LLC
Epinotia johnsonana, **Modoc Co.**, 7 mi W Cedarville, Cedar Pass Hwy 299, 27 Aug 2022, LLC
Epinotia signiferana, **Modoc Co.**, 11 mi NE Adin, Manzanita Mtn., 7000', 9 Sep 2022, LLC
Eucosma corculana, **Plumas Co.**, Onion Valley, Co. Rd. 511, 8 Aug 2011, LLC
Eucosma fulvofasciata, **Modoc Co.**, 4 mi E of Eagleville, Co. Rd. 37, 11 Sep 2023, LLC, det. DJWright
Eucosma labiata, **Modoc Co.**, 4 mi E of Eagleville, Co. Rd. 38, 28 Jul 2023, LLC, det. DJWright
Eucosma minimana, **Lassen Co.**, 9 mi E Adin, Cottonwood Spr., 6000', 24 Aug 2023, LLC, det. DJWright
Eucosma oregonensis, **Plumas Co.**, 3 mi S Johnsonville, Grass Lake, 23 Jul 2011, LLC, det. DJWright
Eucosma segregata, **Modoc Co.**, Dismal Swamp, 30 Aug 2008, LLC
Pelochrista canana, **Lassen Co.**, 6 mi E of Eagle Lake, Hwy 139, 26 Jul 2002, LLC, det. DJWright
Pelochrista corosana, **Lassen Co.**, 4 mi E Bieber, Hwy 299, 4150', 30 Jun 2013, LLC
Pelochrista gilligani, **Modoc Co.**, 7 mi W Cedarville, Cedar Pass, Hwy 299, 29 Jul 2023, LLC, det. DJWright
Pelochrista kandana, **Lassen Co.**, 9 mi E Adin, Cottonwood Spr., 6000', 15 Aug 2023, LLC, det. DJWright
Pelochrista mediostriata, **Modoc Co.**, 9 mi E Cedarville, 4500', 23 Jun 2005, LLC
Pelochrista optimana, **Modoc Co.**, Cedar Pass, Hwy 299, 28 Aug 2020, LLC, det. DJWright
Pelochrista powelli, **Modoc Co.**, 8 mi E Lake City, Co. Rd 15A, 22 Jul 2022, LLC, det DJWright
Pelochrista spaldingana, **Modoc Co.**, 1 mi W Cedarville, Hwy 299, 27 Aug 2022, LLC

Pelochrista totana, **Modoc Co.**, 4 mi E of Eagleville, Co. Rd. 38, 28 Jul 2023, LLC, det. DJWright
Retinia piccolana, **Lassen Co.**, 9 mi E Adin, Cottonwood Spr., 6000', 15 Aug 2023, LLC
Thyralia nana, **Lassen Co.**, 9 mi E Adin, Cottonwood Spr., 6000', 24 Aug 2023, LLC

Nevada:

Crambidae:

Loxostege terpnalis, **Churchill Co.**, 25 mi SE Fallon, Sand Mtn, 18 Sep 2023, LLC
Loxostege terpnalis, **Nye Co.**, 25 m N Carvers, Smoky Valley, 11 Jun 2011, LLC
Pyrausta fodinalis, **Lander Co.**, 4 mi SE Austin, Austin Summit Hwy 50, 23 Jun 2022, LLC
Pyrausta unifascialis, **Lander Co.**, 5 mi NW Kingston, Grove Lake, 7450', 17 Jun 2021, LLC
Loxocrambus coloradensis, **Lander Co.**, 4 mi SE Austin, Austin Summit Hwy 50, 23 Jun 2022, LLC

Depressariidae:

Ethmia marmorea, **Lander Co.**, 4 mi SE Austin, Austin Summit Hwy 50, 14 Jul 2022, LLC
Ethmia monticola, **Lander Co.**, 4 mi SE Austin, Austin Summit Hwy 50, 14 Jul 2022, LLC

Erebidae:

Hypena humuli, **Lander Co.**, 5 mi NW Kingston, Grove Lake, 7450', 22 Jun 2022, LLC

Gelechiidae:

Proclita puertella, **Churchill Co.**, 25 mi SE Fallon, Sand Mtn, 18 Sep 2023, LLC

Geometridae:

Prochoerodes amplicineraria, **Nye Co.**, 8 mi SE Kingston, N Umberland Rd, 9 Aug 2023, LLC

Lycaenidae:

Callophrys fotis majavensis, Esmeralda Co., 6 mi, NW Palmetto, 5 Apr 2021, PT1
Satyrium saepium obscurifuscum, Elko Co., Jacks Creek Rd. at Mill Crk., Independence Mts., 23 Jul 2023, JPB
Satyrium sylvinus megapallidum, Elko Co., Humboldt River at 12th St, (type locality), 23 Jul 2023, JPB
Satyrium sylvinus megapallidum, Humboldt Co., 0.5 mi. south of Paradise Valley, 22 Jul 2023, JPB

Noctuidae:

Azenia virida, **Churchill Co.**, 25 mi SE Fallon, Sand Mtn, 18 Sep 2023, LLC
Ponometa elegantula, **Churchill Co.**, 25 mi SE Fallon, Sand Mtn, 18 Sep 2023, LLC
Ponometa elegantula, **Nye Co.**, 8 mi SE Kingston, N Umberland Rd, 23 Jun 2022, LLC
Sympistis fifia, **Lander Co.**, 4 mi SE Austin, Austin Summit Hwy 50, 14 Jul 2022, LLC

Nymphalidae:

Euphydryas editha monoensis, Storey Co., Hunter Creek Trail near bridge over creek near Reno, 13 May 2023, KD, observation by Joe Eggy
Libytheana carinenta larvata, Clark Co., Las Vegas area, 23 Jan 2023, BAM, submitted by "erindale"

Pyralidae:

Alpheias vicarilis, **Nye Co.**, 8 mi SE Kingston, N Umberland Rd, 20 Jul 2023, LLC
Ambesa walsinghami, **Lander Co.**, 4 mi SE Austin, Austin Summit Hwy 50, 14 Jul 2022, LLC
Cacotherapia angulalis, **Nye Co.**, 5 mi SE Kingston, N Umberland Rd, 23 Jun 2022, LLC
Dasyphyga salmicolor, **Lander Co.**, 5 mi NW Kingston, Grove Lake, 7450', 21 Jul 2023, LLC
Interjectio columbiella, **Lander Co.**, 4 mi SE Austin, Austin Summit Hwy 50, 14 Jul 2022, LLC
Peoria rostellata, **Lander Co.**, 5 mi NW Kingston, Grove Lake, 7450', 21 Jul 2023, LLC

Tortricidae:

Eucopina monoensis, **Lander Co.**, 4 mi SE Austin, Cahill Springs, 22 Jul 2023, LLC
Eucosma benjamini, **Lander Co.**, 4 mi SE Austin, Cahill Springs, 7 Sep 2023, LLC
Eucosma bucephaloides, **Lander Co.**, 5 mi NW Kingston, Grove Lake, 21 Jul 2023, LLC, det DJWright
Eucosma crassana, **Lander Co.**, 5 mi NW Kingston, Grove Lake, 21 Jul 2023, LLC, det DJWright
Eucosma migratana, **Nye Co.**, 8 mi SE Kingston, N Umberland Rd, 20 Jul 2023, v, det DJWright
Eucosma tenuiana, **Lander Co.**, 4 mi SE Austin, Cahill Springs, 7 Sep 2023, LLC, det DJWright
Hedya ochroleucana, **Lander Co.**, 4 mi SE Austin, Cahill Springs, 22 Jul 2023, LLC
Pelochrista consociana, **Lander Co.**, 4 mi SE Austin, Cahill Springs, 22 Jul 2023, LLC, det DJWright
Pelochrista conspiciendana, **Lander Co.**, 4 mi SE Austin, Cahill Springs, 22 Jul 2023, LLC, det DJWright
Pelochrista gilligani, **Nye Co.**, 25 m N Carvers, Smoky Valley, 1 Jun 2012, LLC, det DJWright
Pelochrista kandana, **Nye Co.**, 8 mi SE Kingston, N Umberland Rd, 20 Jul 2023, LLC, det DJWright
Pelochrista lolana, **Nye Co.**, 8 mi SE Kingston, N Umberland Rd, 20 Jul 2023, LLC, det DJWright
Pelochrista pulveratana group, **Lander Co.**, 5 mi NW Kingston, Grove Lake, 6 Sep 2023, LLC, det DJWright
Pelochrista subinventa, **Lander Co.**, 4 mi SE Austin, Austin Summit Hwy 50, 14 Jul 2022, LLC, det DJWright
Notocelia culminana, **Lander Co.**, 5 mi NW Kingston, Grove Lake, 7450', 6 Sep 2023, LLC
Synnoma lynosyrana, **Churchill Co.**, 15 mi NE Cold Springs Station, 28 Sep 2018, LLC, reared on *Chrysothamnus viscidiflorus*

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

Coordinator: Charles E. Harp

Contributors: James K. Adams (JKA), Michael S. Fisher (MSF), Steven J. Kohler (SJK), Stuart Marcus (SM3), Montana Moth Project (MMP), Ronald J. Parry (RJP), Robert Michael Pyle (RMP), Brian Scholtens (BGS), Paul Thompson (PT1)

Details from each State were submitted for the past season. There were 7 contributors to the 2023 Summary, coming from 7 listed contributors and an additional 51 collectors and observers. The use of MMP in the contributor's section represents a group of volunteers from across the state of Montana and will continue to be a collective term for this valuable group. Some contributors posted records for more than one state. This year's Summary for Zone 4 accounted for 225 county and 16 state record for moths and 37 county records for butterflies. 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.

2023 was a year that we lost four prominent entomologists from the Rocky Mountain Region. Passing this year were Dr. Paul Opler, Dr. James Scott, Dr. John Nordin, and Dr. Donald Bright. Their contributions to the science of Entomology will be sorely missed. Tributes to their passing were shown during the 2023 Lepidopterists' Society Annual Meeting in Billings, Montana.

Many more records from this region are available on the public sites, Ecdysis.org, iNaturalist, BAMONA (Butterflies and Moths of North America), and on the Moth Photographers Group sites. Steve Nanz has been loading new Montana 'dots' as we've databased them at Colorado State University. The Montana group contributed hundreds more county records and dozens more state records that show in our continued effort to database specimens into Ecdysis.org (was Scan-bugs.org). At the end of 2023, 52 of the 56 counties in Montana had been sampled for at least 4 sites.

The Lepidopterists' Society held their annual meeting in Billings, MT in 2023 with field trips held in various sites within the area. A note of thanks go out to the Northern Hotel, the Lepidopterists' Society, the Northern Rockies Research and Education Services (NRRES), and the C.P. Gillette Museum of Arthropod Diversity for hosting the meetings.

ALBERTA: No report was given.

COLORADO:

Three contributors provided records from the 2023 season, including additional photographic and vouchered specimen data from a record 25 observers. Adams and Scholtens collected after the annual meeting in Billings. 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.

MONTANA: Six contributors submitted records for butterflies and moths this season, adding 193 county records and 12 state records for moths from across the state. Steve Kohler submitted 34 county records for the Treasure State. Bob Martin continued his documentation of moths from west-central Montana. Nancy Ewer submitted photo documentation for additional Lepidoptera. Notable photographic and vouchered records were found among a growing iNaturalist community. With cooperation from the MPG Ranch and the Northern Rockies Research and Education Services (NRRES), the Gillette Museum of Arthropod Diversity have now completed its fourth season studying moths across the Treasure State. The MMP conducted the first ever survey of nighttime pollinators at Glacier National Park, sampling within the park for four nights. This resulted in adding 209 species to the park's moth list. The C.P. Gillette Museum holds the repository agreement for these studies.

NEW MEXICO: Ron Parry continued to add valuable data for the southwestern part of the state. Thirty-two county records and 4 state records for moths were noted.

UTAH: No report was submitted

WYOMING: Paul Thompson submitted an account from collecting in Wyoming. No other reports were shared.

RECORDS:

Colorado:

Choreutidae:

Caloreas sp., Grand Co., Rabbit Ears Pass area, Adventure Cabins, 40.3625N 106.5711W, 23 Jul 2023, JKA & BGS

Coleophoridae:

Coleophora viridicuprella, Grand Co., Rabbit Ears Pass area, Adventure Cabins, 40.3625N 106.5711W, 23 Jul 2023, JKA & BGS

Eperminiidae:

Epermenia stolidota, Grand Co., Rabbit Ears Pass area, Adventure Cabins, 40.3625N 106.5711W, 23 Jul 2023, JKA & BGS

Erebidae:

Spilosoma vagans, **Jackson Co.**, Rabbit Ears Pass area, just west of Hwy 14/40 junction, 23-25 Jul 2023, JKA & BGS, farthest east in CO

Gracillariidae:

Micrurapteryx occulta, Grand Co., Rabbit Ears Pass area, Adventure Cabins, 40.3625N 106.5711W, 23 Jul 2023, JKA & BGS

Hesperiidae:

Gesta funeralis, Douglas Co., Roxborough SP, E part of Fountain Valley trail, 6077', 39.26487N 105.6270W, 6 Jun 2023, MSF, S.M. Nelson & S. Heinz; photos and genitalia confirmed by MSF, early record

Gesta funeralis, Jefferson Co., Waterton Canyon, 21 Jul 2023, MSF, BAMONA sighting #1364991 confirmed by MSF; comment by observer..."most common butterfly in Waterton Canyon"

Polites sabuleti sabuleti, Boulder Co., Boulder Open Space, E of 75th St & N of Valmont Rd, 26 Sep 2023, MSF, BAMONA sighting #1374434 sighting posted by Christian Nunes confirmed by MSF (likely 2nd flight)

Lycaenidae:

Leptotes marina, Jefferson Co., Waterton Canyon, 21 Jul 2023, MSF, BAMONA sighting #1364990 confirmed by MSF; fresh male at wet sand

Lycaena cupreus snowi, **Huerfano Co.**, timberline on Greenhorn Pk, <11,500', 28 Jul 2023, MSF, BAMONA sighting #1366032 sighting posted by DChartier confirmed by MSF

Satyrium saepium saepium/provo, **Garfield Co.**, Glenwood Canyon, No Name Creek Trailhead, 6000', 24 Jul 2023, MSF, Photo sighting record from NABA website by Lucy Merrill-Hills

Momphidae:

Mompha albapalpella, Grand Co., Rabbit Ears Pass area, Adventure Cabins, 40.3625N 106.5711W, 23-24 Jul 2023, JKA & BGS

Noctuidae:

Acronicta fragilis, **Jackson Co.**, Rabbit Ears Pass area, just west of Hwy 14/40 junction, 23-25 Jul 2023, JKA & BGS, possible **STATE RECORD**

Dolocuccilia dentilinea, **Jackson Co.**, Rabbit Ears Pass area, just west of Hwy 14/40 junction, 23-25 Jul 2023, JKA & BGS, only one other location on MPG

Hypocoena inquinata, **Jackson Co.**, Rabbit Ears Pass area, just west of Hwy 14/40 junction, 23-25 Jul 2023, JKA & BGS, **STATE RECORD**

Laconobia nevadae, **Jackson Co.**, Rabbit Ears Pass area, just west of Hwy 14/40 junction, 23-25 Jul 2023, JKA & BGS

Nymphalidae:

Chlosyne fulvia, Boulder Co., Boulder Grassland Habitat Conservation Area, E & N of SR128, 39.888403N 105.248218W, 5 Sep 2023, MSF, BAMONA sighting #1374436 sighting posted by Christian Nunes confirmed by MSF, likely 3rd flight

Chlosyne fulvia, El Paso Co., Sondermann Park, W of I-25 & N of Uintah St, Colorado Springs, 29 Jul 2023, MSF, BAMONA sighting #1366200 sighting confirmed by MSF, odd location, second flight

Euptoieta claudia, Morgan Co., Snyder, N of Ft Morgan, 6 May 2023, MSF, BAMONA sighting #1364527 sighting posted by Char Ryan confirmed by MSF, early record

Junonia coenia, Morgan Co., CR14 just E of Lamar, 6 May 2023, MSF, BAMONA sighting #1364528 sighting posted by Char Ryan confirmed by MSF, early record

Limenitis weidemeyerii weidemeyerii, **Prowers Co.**, CR14 just E of Lamar, 6 Jun 2023, MSF, Lorie Kaczmarek - BAMONA photo sighting #1361077 submitted by Janeal Thompson confirmed by MSF

Nymphalis californica, **Eagle Co.**, FR707, Half-Moon TH ca. Notch Mt, SW of Gilman, 10-11,000', 40.018710N 105.497107W, 9 Jul 2023, MSF, BAMONA sighting #1369933 sighting posted by "Ezeemonee" confirmed by MSF

Polygonia oreas nigrozephyrus, Boulder Co., Caribou Open Space, Conger Mine Meadow, 8599', 40.018710N 105.497107W, 23 Aug 2023, MSF, Photo sighting record by Venice Kelly confirmed by MSF, first confirmed record for many years

Vanessa cardui, Morgan Co., CR14 just E of Lamar, 6 Jun 2023, MSF, BAMONA sighting #1364525 sighting posted by Char Ryan confirmed by MSF, early record

Pieridae:

Abaeis nicippe, Boulder Co., Caribou Open Space, Conger Mine Meadow, 8599', 40.018710N 105.497107W, 23 Aug 2023, MSF, Photo sighting record by Venice Kelly confirmed by MSF, first confirmed record for many years

Abaeis nicippe, Morgan Co., Snyder, N of Ft Morgan, 6 May-11 Jul 2023, MSF, BAMONA sighting #1364278 posted by Char Ryan confirmed by MSF, early record

Colias philodice eriphyle, El Paso Co., E. Colorado Springs, W of Powers Blvd & Sand Ck, 8 Nov 2023, MSF, BAMONA sighting #1364278 posted by "J. Vasmeen" confirmed by MSF, late record
Eurema mexicana, Boulder Co., Caribou Open Space, Conger Mine Meadow, 8599', 40.018710N 105.497107W, 23 Aug 2023, MSF, Photo sighting record by Venice Kelly confirmed by MSF, first confirmed record for many years
Pieris marginalis, Boulder Co., Caribou Open Space, Blue Bird Mine, 8700', 39.99639N 105.53306W, 23 Aug 2023, MSF, Photo sighting record by Venice Kelly confirmed by MSF, first confirmed record for many years

Riodinidae:

Apodemia mejicanus pueblo, El Paso Co., Bear Ck Regional Park, NW of the Broadmoor, 11 Aug 2023, MSF, BAMONA sighting #1367992 sighting confirmed by MSF, new & odd location

Tineidae:

Amydria curvistrigella, Grand Co., Rabbit Ears Pass area, Adventure Cabins, 40.3625N 106.5711W, 23 Jul 2023, JKA & BGS

Tortricidae:

Argyrotaenia provana, Grand Co., Rabbit Ears Pass area, Adventure Cabins, 40.3625N 106.5711W, 23 Jul 2023, JKA & BGS
Eucosma corculana, Grand Co., Rabbit Ears Pass area, Adventure Cabins, 40.3625N 106.5711W, 23-24 Jul 2023, JKA & BGS
Eucosma labiata, Grand Co., Rabbit Ears Pass area, Adventure Cabins, 40.3625N 106.5711W, 23 Jul 2023, JKA & BGS
Pelochrista conspiciendana, Grand Co., Rabbit Ears Pass area, Adventure Cabins, 40.3625N 106.5711W, 23 Jul 2023, JKA & BGS
Pelochrista louisana, Grand Co., Rabbit Ears Pass area, Adventure Cabins, 40.3625N 106.5711W, 23 Jul 2023, JKA & BGS
Pelochrista suadana, Grand Co., Rabbit Ears Pass area, Adventure Cabins, 40.3625N 106.5711W, 23 Jul 2023, JKA & BGS
Pelochrista totana, Logan Co., Sterling, Ramada Inn, 40.6242N 103.1606W, 26 Jul 2023, BGS

Montana:

Alucitidae:

Alucita montana, **Yellowstone Co.**, Lewis and Clark National Historic Trail, 21 Jul 2023, SM3, photo,
<https://www.inaturalist.org/observations/175832096>

Autostichidae:

Oecogonia sp., Yellowstone Co., Lewis and Clark National Historic Trail, 19 Jul 2023, SM3, photo,
<https://www.inaturalist.org/observations/175832343>

Coleophoridae:

Coleophora apicalbella, Yellowstone Co., Billings, MT Audubon Center, 45.743N 108.539W, 22 Jul 2023, BGS

Cosmopterigidae:

Limnaecia phragmitella, **Yellowstone Co.**, Lewis and Clark National Historic Trail, 20 Jul 2023, SM3, photo,
<https://www.inaturalist.org/observations/175832277>
Limnaecia phragmitella, Yellowstone Co., Billings, Riverfront Park, 45.7400N 108.5335W, 20 Jul 2023, BGS
Walshia sp., Yellowstone Co., Lewis and Clark National Historic Trail, 20 Jul 2023, SM3, photo,
<https://www.inaturalist.org/observations/175832409>

Cossidae:

Acossus undosus, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP

Crambidae:

Agriphila plumbifimbriellus, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Catoptria latiradiellus, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Chrysoteuchia topiaria, **Yellowstone Co.**, Lewis and Clark National Historic Trail, 19 Jul 2023, SM3, photo,
<https://www.inaturalist.org/observations/175832144>
Crambus whitmerellus, **Carbon Co.**, Custer Gallatin National Forest, 22 Jul 2023, SM3, photo,
<https://www.inaturalist.org/observations/175832183>
Donacula dispersellus, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Herpetogramma aquilonalis, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP, **STATE RECORD**
Mecyna mustelinalis, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Pediasia trisecta, **Yellowstone Co.**, Lewis and Clark National Historic Trail, 20 Jul 2023, SM3, photo,
<https://www.inaturalist.org/observations/175832177>
Pediasia trisecta, Yellowstone Co., Billings, Riverfront Park, 45.7400N 108.5335W, 20 Jul 2023, BGS
Perispasta caeculalis, **Yellowstone Co.**, Lewis and Clark National Historic Trail, 19 Jul 2023, SM3, photo,
<https://www.inaturalist.org/observations/175832348>
Pyrausta socialis, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Stegae salatalis, **Yellowstone Co.**, Lewis and Clark National Historic Trail, 21 Jul 2023, SM3, photo,
<https://www.inaturalist.org/observations/175832228>

Depressariidae:

Agonopterix alstroemeriana, Yellowstone Co., Lewis and Clark National Historic Trail, 21 Jul 2023, SM3, photo,
<https://www.inaturalist.org/observations/175832090>

Drepanidae:

Habrosyne scripta, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Pseudothyatira cymatophoroides, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP

Elachistidae:

Annettenia eremonoma, Yellowstone Co., Billings, MT Audubon Center, 45.743N 108.539W, 22 Jul 2023, BGS

Erebidae:

Caenurgina erechtea, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Chelis beanii, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Cynia tenera, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Dasychira plagiata, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Drasteria divergens, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Hypena edictalis, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP, **STATE RECORD**
Idia americalis, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Leucoma salicis, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Lophocampa maculata, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Lygephila victoria, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Manulea bicolor, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Rivula propinqualis, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP, **STATE RECORD**
Spilosoma virginica, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP

Gelechiidae:

Gelechia lynceella, **Yellowstone Co.**, Lewis and Clark National Historic Trail, 19 Jul 2023, SM3, photo,
<https://www.inaturalist.org/observations/175832216>
Metzneria lappella, **Yellowstone Co.**, Lewis and Clark National Historic Trail, 21 Jul 2023, SM3, photo,
<https://www.inaturalist.org/observations/175832295>
Recurvaria nanella, **Yellowstone Co.**, Lewis and Clark National Historic Trail, 21 Jul 2023, SM3, photo,
<https://www.inaturalist.org/observations/175832379>

Geometridae:

Anavitrinella pampinaria, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Biston betularia, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Campaea perlata, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Chlorochlamys chloroleucaria, **Yellowstone Co.**, Lewis and Clark National Historic Trail, 21 Jul 2023, SM3, photo,
<https://www.inaturalist.org/observations/175832138>
Digrammia neptaria, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Dysstroma suspectata, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Ennomos magnaria, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Eulithis xylina, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Eupithecia nevadana, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Gabriola dyari, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Hesperumia fumosaria, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP, **STATE RECORD**
Hesperumia sulphuraria, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Horisme incana, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Hydriomena nevadae, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Macaria adonis, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Macaria brunneata, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Macaria exauspicata, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Macaria loricaria, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Macaria plumosata, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Macaria sexmaculata, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Macaria signaria, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Metanema inatomaria, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Nematocampa resistaria, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Pero mizon, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Protitame virginialis, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Rheumaptera meadii, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Sabulodes griseata, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Sabulodes venata, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Scopula ancillata, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Scopula junctaria, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Sericosema juturnaria, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Sicya crocearia, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Spargania luctuata, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Stamnodes marmorata, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Stenoporpia separataria, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Xanthorhoe decoloraria, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP

Hesperiidae:

Erynnis aفرانيus, **Pondera Co.**, Jarina WPA, N Sift Dam Rd, 1.4mi NW Dupuyer, 4775', 13 Jun 2023, SJK
Hesperia leonardus pawnee, **Golden Valley Co.**, Red Hill Rd, Hwy 238, Big Snowy Mts, 32.5mi S Lewistown, 5940', 29 Aug 2023, SJK

Lasiocampidae:

Malacosoma americana, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Tolype dayi, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP

Lycaenidae:

Callophrys siva, **Lincoln Co.**, Sophie Lake Trail, N side Sophie Lake, NW Eureka, 2600', 6 Jun 2023, SJK
Satyrium titus immaculosus, **Roosevelt Co.**, state section E Hwy 16, mi 86, N Culbertson, 1 Aug 2023, SJK

Lyonetiidae:

Leucoptera sp., Yellowstone Co., Lewis and Clark National Historic Trail, 19 Jul 2023, SM3, photo,
<https://www.inaturalist.org/observations/175832276>

Noctuidae:

Abagrotis alternata, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Abagrotis apposita, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP, **STATE RECORD**
Abagrotis brunneipennis, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Abagrotis cupida, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Abagrotis duanca, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Abagrotis erratica, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Abagrotis hermina, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Abagrotis nefascia, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Abagrotis turbulenta, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Acronicta innotata, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Actebia balanitis, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Agrotis vancouverensis, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Anaplectoides prasina, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Anaplectoides pressus, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Anarta decepta, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Anarta hamata, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Andropolia aedon, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Andropolia theodori, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Apamea amputatrix, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Apamea auranticolor, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Apamea cogitata, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Apamea commoda, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Apamea devastator, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Apamea inficita, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Apamea niveivenosa, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Apamea scoparia, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Aseptis binotata, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Autographa ampla, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Autographa californica, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Autographa metallica, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Autographa v-alba, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Brachylomia discolor, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP, **STATE RECORD**
Brachylomia elda, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Caradrina montana, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Caradrina morpheus, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Cryptocala acadensis, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Diachrysia aereoides, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Diarsia rosaria, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Diarsia rubifera, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Dichagyris grotei, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Enargia infumata, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Eurois stricta, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Euxoa basalis, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Euxoa brunneigera, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Euxoa castanea, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Euxoa divergens, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Euxoa lewisi, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Euxoa ochrogaster, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Euxoa perolivalis, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Euxoa plagigera, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Euxoa rufula, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Euxoa satis, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Euxoa servitus, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Euxoa terrenus, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Euxoa vallis, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Feltia herilis, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Feltia jaculifera, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Graphiphora augur, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Homorthodes communis, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP

Hydroeciodes serrata, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Hypocoena rufostriata, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Ipimorpha pleonectusa, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Lacanobia subjuncta, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Lacinipolia comis, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Lacinipolia davena, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Lacinipolia naevia, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP, **STATE RECORD**
Lacinipolia olivacea, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Laterologia ophiogramma, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Leucania anteroclara, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Leucania commoides, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Leucania multilinea, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Melanchnra adjuncta, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Mniotype ducta, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Mythimna oxygala, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Nedra hoeffleri, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Noctua pronuba, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Ochropleura implecta, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Oligia rampartensis, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Panthea acronictoides, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Panthea virginarius, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Phlogophora periculosa, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP, **STATE RECORD**
Polia piniae, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Polia purpurissata, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Properigea albimacula, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Resapamea passer, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Spaelotis clandestina, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Sympistis acheron, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP, **STATE RECORD**
Sympistis dinalda, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Sympistis fifia, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Sympistis pallidior, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Sympistis youngi, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Syngrapha celsa, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Syngrapha rectangula, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Syngrapha viridisigma, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Tesagrotis atrifrons, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Tesagrotis piscipellis, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Trichordestra liquida, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Trichordestra tacoma, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Xestia oblata, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Xestia smithii, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP

Notodontidae:

Clostera albosigma, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Gluphisia septentrionis, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Ianassa pallida, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Pheosia californica, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Schizura ipomoeae, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP

Nymphalidae:

Argynnis cybele leto, **Golden Valley Co.**, Red Hill Rd, Hwy 238, 33.4mi S Lewistown, Big Snowy Mts, 6100', 29 Aug 2023, SJK
Argynnis edwardsii, **Ravalli Co.**, 3-mile Cr, 5-6mi up, SE Florence, 5200', 29 Jul 2023, SJK
Argynnis hesperis hutchinsi, **Petroleum Co.**, draw SW Hwy, 1mi NW Upper Flatwillow Rd, SE Grass Range, 3600', 30 Aug 2023, SJK
Argynnis hesperis dennisi, **Richland Co.**, upper N side Gartside Reservoir, off CR116, S Sidney, 2040', 2 Aug 2023, SJK
Argynnis mormonia eurynome, **Musselshell Co.**, vis. Fergus Co. line, Snowy Mt Rd, Little Snowy Mts, 4530', 30 Aug 2023, SJK
Limenitis archippus archippus, **Dawson Co.**, Intake FA, Yellowstone River, 15mi NE Glendive, 2000', 4 Aug 2023, SJK
Limenitis archippus archippus, **Garfield Co.**, vic. Musselshell River bridge, Melstone Rd, 5mi S Hwy 200, 2590', 4 Aug 2023, SJK
Limenitis archippus archippus, **Petroleum Co.**, vic. Musselshell River bridge, Melstone Rd, 5mi S Hwy 200, 2590', 4 Aug 2023, SJK
Limenitis archippus archippus, **Richland Co.**, Elk Island FA, Yellowstone River, E Hwy 16, S Sidney, 1960', 1 Aug 2023, SJK
Limenitis archippus archippus, **Roosevelt Co.**, Missouri River, W Fort Union, Hwy 327, SE Bainville, 2000', 3 Aug 2023, SJK
Limenitis archippus archippus, **Sheridan Co.**, Old Muddy Rd, 2.5mi NW Antelope, 2025', 3 Aug 2023, SJK
Limenitis lorquini burrissoni, **Silver Bow Co.**, N Fork Divide Dr Rd, <1mi W jct Divide Cr Rd, 7150-7425', 26 Jul 2023, SJK
Nymphalis l-album watsoni, **Wheatland Co.**, W Fork Roberts Cr, 0.3mi W jct Sawmill Rd, Little Belt Mts, 5585', 17 Aug 2023, SJK
Oeneis jutta reducta, **Granite Co.**, 7 mi SE Mud Lake, Sand Basin Rd, 3.5mi SE jct Hwy 38, 6600', 14 Jul 2022, SJK, with Nate Kohler
Oeneis jutta reducta, **Ravalli Co.**, W Gibbons Pass Rd, 0.3mi SW jct FR106, 6850', 15 Jul 2022, SJK
Phyciodes cocyta pascoensis, **Golden Valley Co.**, Red Hill Rd, vic. Red Hill, 1.5mi S Fergus Co. line, 23 Jul 2023, RMP
Polygonia faunus cenveray, **Musselshell Co.**, vis. Fergus Co. line, Snowy Mt Rd, Little Snowy Mts, 4530', 30 Aug 2023, SJK
Polygonia oreas threatfuli, **Wheatland Co.**, W Fork Roberts Cr, 0.3mi W jct Sawmill Rd, Little Belt Mts, 5585', 17 Aug 2023, SJK

Papilionidae:

- Papilio bairdii oregonia*, **Lincoln Co.**, state section W Hwy 93, 2mi N Eureka, 2700', 6 Jun 2023, SJK
Pterourus multicaudata pusillus, **Meagher Co.**, Window Rock Picnic Area, Spring Cr Rd, 2mi NW Hwy 12, 5100', 14 Aug 2023, SJK
Pterourus multicaudata pusillus, **Wheatland Co.**, vic. Chief Joseph Park, Harlowtown, 4190', 16 Aug 2023, SJK
Pterourus multicaudata pusillus, **Wheatland Co.**, Ponderosa Jeep Trail, 0.5mi NW jct Roberts Cr Rd, Little Belt Mts, 5800', 17 Aug 2023, SJK

Pieridae:

- Colias christina sacajawea*, **Mineral Co.**, state section S Mullan Gulch Rd, 9.8mi W St Regis, 3300-4000', 6 Jul 2023, SJK
Colias christina sacajawea, **Missoula Co.**, Cottonwood Lakes, 8.3mi NE Seeley Lake, 4855', 4 Aug 2022, SJK
Colias christina sacajawea, **Ravalli Co.**, 3-Mile Cr, 5-6mi up, SE Florence, 5200', 29 Jul 2022, SJK
Neophasia menapia magnamenapia, **Golden Valley Co.**, Red Hill Rd, Hwy 238, Big Snowy Mts, 32.5mi S Lewistown, 5940', 29 Aug 2023, SJK
Neophasia menapia magnamenapia, **Meagher Co.**, Spring Cr Rd, 6mi NW jct Hwy 12, NE Checkerboard, 5675', 18 Aug 2023, SJK
Neophasia menapia magnamenapia, **Meagher Co.**, Grasshopper Rd, E jct 4-Mile Cr Rd, Castle Mts, 6050', 28 Aug 2023, SJK
Neophasia menapia magnamenapia, **Musselshell Co.**, vis. Fergus Co. line, Snowy Mt Rd, Little Snowy Mts, 4530', 30 Aug 2023, SJK
Neophasia menapia magnamenapia, **Wheatland Co.**, Ponderosa Jeep Trail, 0.5mi NW jct Roberts Cr Rd, Little Belt Mts, 5800', 15 Aug 2023, SJK
Neophasia menapia magnamenapia, **Wheatland Co.**, Jellison Trail, 1.5mi N jct Middle Fork Trail, Little Belt Mts, 5525', 16 Aug 2023, SJK

Pterophoridae:

- Gillmeria pallidactyla*, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Hellinsia homodactylus, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP

Pyalidae:

- Dioryctria ponderosae*, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP

Sesiidae:

- Albuna pyramidalis*, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Paranthrene robiniae, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP, **STATE RECORD**
Sesia tibiale, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Synanthedon pictipes, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP, **STATE RECORD**

Sphingidae:

- Hyles lineata*, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP

Tortricidae:

- Agapeta zoegana*, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Agapeta zoegana, **Yellowstone Co.**, Lewis and Clark National Historic Trail, 21 Jul 2023, SM3, photo,
<https://www.inaturalist.org/observations/175832084>
Ancylis diminutana, **Yellowstone Co.**, Lewis and Clark National Historic Trail, 19 Jul 2023, SM3, photo,
<https://www.inaturalist.org/observations/175832103>
Archips cerasivorana, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP
Argyrotaenia velutinana, **Yellowstone Co.**, Lewis and Clark National Historic Trail, 19 Jul 2023, SM3, photo,
<https://www.inaturalist.org/observations/175832113>
Gypsonoma haimbachiana, **Yellowstone Co.**, Lewis and Clark National Historic Trail, 21 Jul 2023, SM3, photo,
<https://www.inaturalist.org/observations/175832199>

Ypsolophidae:

- Yposolopha canariella*, **Flathead Co.**, Glacier National Park, Bioblitz event, 26-30 Jul 2023, MMP, **STATE RECORD**

New Mexico:

Carposinidae:

- Bondia fidelis*, **Catron Co.**, FR4018Y, Apache NF, 7500', 33.826N 109.014W, 17-18 Jul 2023, RJP, UV light trap, pine forest

Cosmopterigidae:

- Triclonella xuthocelis*, **Grant Co.**, Signal Peak Rd, Pinos Altos Mts, 7400', 32.941N 108.195W, 20-21 Jul 2023, RJP, UV light trap, pine forest

Crambidae:

- Chrysoteuchia topiarius*, **Catron Co.**, FR4018Y, Apache NF, 7500', 33.826N 109.014W, 17-18 Jul 2023, RJP, UV light trap, pine forest
Crambus dimidiatellus, **Grant Co.**, Signal Peak Rd, Pinos Altos Mts, 7400', 32.941N 108.195W, 20-21 Jul 2023, RJP, UV light trap, pine forest
Samea castellalis, **Grant Co.**, 32 Diamond A Dr, Gila NF, 5900', 32.6869N 108.4726W, 19-20 Sep 2023, RJP, UV light trap, oak-pinyon-juniper forest, **STATE RECORD**

Depressariidae:

- Menestomorpha oblongata*, **Grant Co.**, 32 Diamond A Dr, Gila NF, 5900', 32.6869N 108.4726W, 27-28 May 2023, RJP, UV light sheet, oak-pinyon-juniper forest
Psilocorsis cirrhoptera, **Grant Co.**, Signal Peak Rd, Pinos Altos Mts, 7400', 32.941N 108.195W, 20-21 Jul 2023, RJP, UV light trap, pine forest, **STATE RECORD**

Drepanidae:

- Pseudothyatira cymatophoroides*, **Grant Co.**, Signal Peak Rd, Pinos Altos Mts, 7400', 32.941N 108.195W, 20-21 Jul 2023, RJP, UV light trap, pine forest

Erebidae:

- Alexicles aspera*, **Grant Co.**, Signal Peak Rd, Pinos Altos Mts, 7400', 32.941N 108.195W, 20-21 Jul 2023, RJP, UV light trap, pine forest

Phobolusia anfracta, **Grant Co.**, 32 Diamond A Dr, Gila NF, 5900', 32.6869N 108.4726W, 18-19 Jun 2023, RJP, UV light sheet, oak-pinyon-juniper forest

Gelechiidae:

Chionodes naevus, Catron Co., Pueblo Park campground, Apache NF, 6200', 33.5933N 108.9615W, 25-26 May 2023, RJP, UV light trap, pine forest

Dichomeris mulsa, Grant Co., Signal Peak Rd, Pinos Altos Mts, 7400', 32.941N 108.195W, 20-21 Jul 2023, RJP, UV light trap, pine forest

Prolita variabilis, **Grant Co.**, 32 Diamond A Dr, Gila NF, 5900', 32.6869N 108.4726W, 30 Sep-1 Oct 2023, RJP, UV light sheet, oak-pinyon-juniper forest

Geometridae:

Euphyia intermediata, **Grant Co.**, Signal Peak Rd, Pinos Altos Mts, 7400', 32.941N 108.195W, 20-21 Jul 2023, RJP, UV light trap, pine forest

Macaria bitactata, **Grant Co.**, Poncho Canyon, Gila NF, 4400', 32.8476N 108.5926W, 21-22 Sep 2022, RJP, UV light trap, forest close to Gila River

Neoselenia hilumaria, **Grant Co.**, Signal Peak Rd, Pinos Altos Mts, 7400', 32.941N 108.195W, 20-21 Jul 2023, RJP, UV light trap, pine forest

Semaepus ella, **Grant Co.**, Poncho Canyon, Gila NF, 4400', 32.8476N 108.5926W, 21-22 Sep 2022, RJP, UV light trap, forest close to Gila River

Taeniogramma octolineata, **Grant Co.**, 32 Diamond A Dr, Gila NF, 5900', 32.6869N 108.4726W, 21-22 Sep 2023, RJP, UV light sheet, oak-pinyon-juniper forest

Noctuidae:

Abagrotis bimarginalis, **Catron Co.**, FR4018Y, Apache NF, 7500', 33.826N 109.014W, 17-18 Jul 2023, RJP, UV light trap, pine forest

Amyna stricta, **Grant Co.**, 32 Diamond A Dr, Gila NF, 5900', 32.6869N 108.4726W, 19-20 Sep 2022, RJP, UV light sheet, oak-pinyon-juniper forest

Bagisara buxea, **Grant Co.**, 32 Diamond A Dr, Gila NF, 5900', 32.6869N 108.4726W, 19-20 Sep 2022, RJP, UV light sheet, oak-pinyon-juniper forest

Lacanobia subjuncta, **Grant Co.**, Signal Peak Rd, Pinos Altos Mts, 7400', 32.941N 108.195W, 20-21 Jul 2023, RJP, UV light trap, pine forest

Lacinipolia sareta, **Catron Co.**, Pueblo Park campground, Apache NF, 6200', 33.5933N 108.9615W, 25-26 May 2023, RJP, UV light trap, pine forest

Protorthodes argentopida, **Catron Co.**, Pueblo Park campground, Apache NF, 6200', 33.5933N 108.9615W, 25-26 May 2023, RJP, UV light trap, pine forest

Protorthodes curtica, **Grant Co.**, Poncho Canyon, Gila NF, 4400', 32.8476N 108.5926W, 21-22 Sep 2022, RJP, UV light trap, forest close to Gila River

Schinia septentrionalis, **Grant Co.**, 32 Diamond A Dr, Gila NF, 5900', 32.6869N 108.4726W, 27-28 Aug 2022, RJP, UV light sheet, oak-pinyon-juniper forest

Schinia tertia, **Grant Co.**, 32 Diamond A Dr, Gila NF, 5900', 32.6869N 108.4726W, 27-28 Aug 2022, RJP, UV light sheet, oak-pinyon-juniper forest

Spodoptera hipparis, **Grant Co.**, Saddle Rock Canyon, Gila NF, 5200', 32.770N 108.513W, 14-15 Sep 2021, RJP, UV light trap, walnut-rabbit brush, riparian area

Oecophoridae:

Decantha stonda, Catron Co., Pueblo Park campground, Apache NF, 6200', 33.5933N 108.9615W, 25-26 May 2023, RJP, UV light trap, pine forest

Prodoxidae:

Tegeticula corruptrix, Grant Co., 32 Diamond A Dr, Gila NF, 5900', 32.6869N 108.4726W, 10-11 Aug 2022, RJP, UV light sheet, oak-pinyon-juniper forest

Pyalidae:

Bethulia championella, **Catron Co.**, FR4018Y, Apache NF, 7500', 33.826N 109.014W, 17-18 Jul 2023, RJP, UV light trap, pine forest

Sphingidae:

Lintneria separatus, **Catron Co.**, FR4018Y, Apache NF, 7500', 33.826N 109.014W, 17-18 Jul 2023, RJP, UV light trap, pine forest

Tineidae:

Acrolophus sinclairi, **Catron Co.**, Pueblo Park campground, Apache NF, 6200', 33.5933N 108.9615W, 25-26 May 2023, RJP, UV light trap, pine forest

Tortricidae:

Anopina arizonana, **Catron Co.**, FR4018Y, Apache NF, 7500', 33.826N 109.014W, 17-18 Jul 2023, RJP, UV light trap, pine forest

Argyrotaenia gracieana, **Grant Co.**, Signal Peak Rd, Pinos Altos Mts, 7400', 32.941N 108.195W, 20-21 Jul 2023, RJP, UV light trap, pine forest

Argyrotaenia montezumae, **Grant Co.**, Signal Peak Rd, Pinos Altos Mts, 7400', 32.941N 108.195W, 20-21 Jul 2023, RJP, UV light trap, pine forest

Endothenia hebesana, **Grant Co.**, Signal Peak Rd, Pinos Altos Mts, 7400', 32.941N 108.195W, 20-21 Jul 2023, RJP, UV light trap, pine forest, **STATE RECORD**

Mimochylis fulvotinctana, **Grant Co.**, 32 Diamond A Dr, Gila NF, 5900', 32.6869N 108.4726W, 19-20 Sep 2023, RJP, UV light sheet, oak-pinyon-juniper forest

Platphalonidia felix, **Catron Co.**, FR4018Y, Apache NF, 7500', 33.826N 109.014W, 17-18 Jul 2023, RJP, UV light trap, pine forest

Retinia edemoidana, **Catron Co.**, FR4018Y, Apache NF, 7500', 33.826N 109.014W, 17-18 Jul 2023, RJP, UV light trap, pine forest

Rhyacionia pallifasciata, **Catron Co.**, FR4018Y, Apache NF, 7500', 33.826N 109.014W, 17-18 Jul 2023, RJP, UV light trap, pine forest, **STATE RECORD**

Ypsolophidae:

Ypsolopha ochrella, **Grant Co.**, 32 Diamond A Dr, Gila NF, 5900', 32.6869N 108.4726W, 18-19 Apr 2023, RJP, UV light sheet, oak-pinyon-juniper forest

Wyoming:

Noctuidae:

Heliothis oregonica, **Park Co.**, Clay Butte, N of Hwy 212, 22 Jul 2023, JKA

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

Coordinator Michael M. Ellsbury

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No zone report.

RECORDS:

Kansas:

Attevidae:

Atteva aurea, **Barber Co.**, 4 mi W of Medicine Lodge, 37.2791N 98.5708W, 31 Jul-2 Aug 2023, JKA & BGS

Autostichidae:

Gerdana caritella, **Barber Co.**, 4 mi W of Medicine Lodge, 37.2791N 98.5708W, 31 Jul-2 Aug 2023, JKA & BGS

Cosmopterigidae:

Anoncia longa, **Barber Co.**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS, **STATE RECORD**

Euclementia bassettella, **Barber Co.**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Walshia miscecolorella, **Barber Co.**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Crambidae:

Abegesta reluctalis, **Barber Co.**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Abegesta reluctalis, **Morton Co.**, Cimarron National Grassland, at pump, 37.1073N 101.8955W, 29 Jul 2023, JKA

Achyra rantalis, **Barber Co.**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Achyra rantalis, **Morton Co.**, Cimarron National Grassland, Rd 789F ca. river, 29 Jul 2023, JKA & BGS

Aethiophysa invisalis, **Barber Co.**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Argyria rufisignella, **Barber Co.**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Argyria rufisignella, **Cheyenne Co.**, Devil's Gap Canyon, 39.9419N 102.0300W, 27 Jul 2023, JKA & BGS, **STATE RECORD**

Crambus agitatellus, **Barber Co.**, 4 mi W of Medicine Lodge, 37.2791N 98.5708W, 31 Jul-2 Aug 2023, JKA & BGS

Crocidophora pustuliferalis, **Barber Co.**, 4 mi W of Medicine Lodge, 37.2791N 98.5708W, 31 Jul-2 Aug 2023, JKA & BGS, **STATE RECORD**

Crocidophora serratissimalis, **Barber Co.**, 4 mi W of Medicine Lodge, 37.2791N 98.5708W, 31 Jul-2 Aug 2023, JKA & BGS

Desmia funeralis, **Barber Co.**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Desmia maculalis, **Barber Co.**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Diastictis argyralis, **Barber Co.**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Diastictis argyralis, **Morton Co.**, Cimarron National Grassland, Rd 789F ca. river, 29 Jul 2023, JKA & BGS

Diastictis fracturalis, **Barber Co.**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Diastictis fracturalis, **Morton Co.**, Cimarron National Grassland, Rd 789F ca. river, 29 Jul 2023, JKA & BGS

Diastictis ventralis, **Barber Co.**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Diathrausta harlequinialis, **Morton Co.**, Cimarron National Grassland, Rd 789F ca. river, 29 Jul 2023, JKA & BGS, **STATE RECORD**

Donacaula dispersellus, **Barber Co.**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS,

STATE RECORD

Donacaula nitidellus, **Barber Co.**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS,

STATE RECORD

Elophila oblitalis, **Barber Co.**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Elophila tinealis, **Barber Co**, 4 mi W of Medicine Lodge, 37.2791N 98.5708W, 31 Jul-2 Aug 2023, JKA & BGS

Eoreuma densellus, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS, **STATE RECORD**

Eustixia pupula, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Fissicrambus hemiochrellus, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS, **STATE RECORD**

Fissicrambus mutabilis, **Barber Co**, 4 mi W of Medicine Lodge, 37.2791N 98.5708W, 31 Jul-2 Aug 2023, JKA & BGS

Framinghamia helvalis, **Morton Co**, Cimarron National Grassland, Rd 789F ca. river, 29 Jul 2023, JKA & BGS, **STATE RECORD**

Glaphyria sesquialtrialis, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Hahncappisia coloradensis, **Cheyenne Co**, Devil's Gap Canyon, 39.9419N 102.0300W, 27 Jul 2023, JKA & BGS

Hahncappisia pergivalis, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Hahncappisia pergivalis, **Morton Co**, Cimarron National Grassland, at pump, 37.1073N 101.8955W, 29 Jul 2023, JKA

Haimbachia squamulellus, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS, **STATE RECORD**

Helvibotys helvialis, **Barber Co**, Medicine Lodge, Copa Budget Inn, 37.2749N 98.5838W, 31 Jul-2 Aug 2023, JKA & BGS

Helvibotys helvialis, **Morton Co**, Cimarron National Grassland, at pump, 37.1073N 101.8955W, 29 Jul 2023, JKA

Leptosteges vestaliella, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Lineodes interrupta, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Lygropia octonalis, **Morton Co**, Cimarron National Grassland, Rd 789F ca. river, 29 Jul 2023, JKA & BGS

Lygropia rivulalis, **Barber Co**, 4 mi W of Medicine Lodge, 37.2791N 98.5708W, 31 Jul-2 Aug 2023, JKA & BGS

Mecyna submedialis, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS, **STATE RECORD**

Microcrambus elegans, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Microtheoris ophionalis, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Mimorista subcostalis, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS, **STATE RECORD**

Neodactria caliginosellus, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS, **STATE RECORD**

Neodactria murellus, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Neohelviotys neohelvalis, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Nomophila nearctica, **Barber Co**, 4 mi W of Medicine Lodge, 37.2791N 98.5708W, 31 Jul-2 Aug 2023, JKA & BGS

Ostrinia penitalis, **Barber Co**, 4 mi W of Medicine Lodge, 37.2791N 98.5708W, 31 Jul-2 Aug 2023, JKA & BGS

Ostrinia penitalis, **Morton Co**, Cimarron National Grassland, Rd 789F ca. river, 29 Jul 2023, JKA & BGS

Palpita quadrastigmatis, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Parapediasia decorellus, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Polygrammodes flavidalis, **Barber Co**, 4 mi W of Medicine Lodge, 37.2791N 98.5708W, 31 Jul-2 Aug 2023, JKA & BGS

Prionapteryx achatina, **Morton Co**, Cimarron National Grassland, at pump, 37.1073N 101.8955W, 29 Jul 2023, JKA, **STATE RECORD**

Prionapteryx indentella, **Barber Co**, Medicine Lodge, Copa Budget Inn, 37.2749N 98.5838W, 31 Jul-2 Aug 2023, JKA & BGS

Pyrausta onythesalis, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Pyrausta onythesalis, **Cheyenne Co**, Devil's Gap Canyon, 39.9419N 102.0300W, 27 Jul 2023, JKA & BGS

Pyrausta tyralis, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Pyrausta volupialis, **Morton Co**, Cimarron National Grassland, Rd 789F ca. river, 29 Jul 2023, JKA & BGS

Sitochroa chortalis, **Morton Co**, Cimarron National Grassland, at pump, 37.1073N 101.8955W, 29 Jul 2023, JKA

Thaumatopsis magnificus, **Morton Co**, Cimarron National Grassland, Rd 789F ca. river, 29 Jul 2023, JKA & BGS, **STATE RECORD**

Thaumatopsis repandus, **Morton Co**, Cimarron National Grassland, at pump, 37.1073N 101.8955W, 29 Jul 2023, JKA, **STATE RECORD**

Uresiphita reversalis, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Uresiphita reversalis, **Cheyenne Co**, Devil's Gap Canyon, 39.9419N 102.0300W, 27 Jul 2023, JKA & BGS

Depressariidae:

Antaeotricha leucillana, **Barber Co**, 4 mi W of Medicine Lodge, 37.2791N 98.5708W, 31 Jul-2 Aug 2023, JKA & BGS

Antaeotricha lindseyi, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS, **STATE RECORD**

Ethmia burnsellia, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS, **STATE RECORD**

Ethmia hagenella, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS, **STATE RECORD**

Ethmia mirusella, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Erebidae:

Apantesis arge, **Cheyenne Co**, Devil's Gap in the Arikaree Breaks, 16.5mi NW of St. Francis, 27-29 Jul 2023, JKA & BGS, far western record in KS

Cisthene barnesii, **Morton Co**, Cimarron National Grasslands, along Cimarron "River", 2.5mi E of Hwy 27, 29-31 Jul 2023, JKA & BGS, possible **STATE RECORD**

Drasteria fumosa (or sp. nov.), **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS, **STATE RECORD**

Ectypia clio, **Cheyenne Co**, Devil's Gap in the Arikaree Breaks, 16.5mi NW of St. Francis, 27-29 Jul 2023, JKA & BGS, **STATE RECORD**

Euchaetes zella, **Morton Co**, Cimarron National Grasslands, along Cimarron "River", 2.5mi E of Hwy 27, 29-31 Jul 2023, JKA & BGS, **STATE RECORD**

Pygarctia murina, **Morton Co**, Cimarron National Grasslands, along Cimarron "River", 2.5mi E of Hwy 27, 29-31 Jul 2023, JKA & BGS, **STATE RECORD**

Gelechiidae:

Agnippe prunifoliella, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Anacampsis fullonella, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Aproaerema nigrella, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS, **STATE RECORD**

Aproaerema palpiineella, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Aristotelia arenella, **Morton Co**, Cimarron National Grassland, Rd 789F ca. river, 29 Jul 2023, JKA & BGS, **STATE RECORD**

Aristotelia pudibundella, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Aristotelia roseosuffusella, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Chionodes discoocellella, **Barber Co**, 4 mi W of Medicine Lodge, 37.2791N 98.5708W, 31 Jul-2 Aug 2023, JKA & BGS

Dichomeris inversella, **Barber Co**, 4 mi W of Medicine Lodge, 37.2791N 98.5708W, 31 Jul-2 Aug 2023, JKA & BGS

Dichomeris isa, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Dichomeris setosella, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS, **STATE RECORD**

Dichomeris ventrella, **Barber Co**, 4 mi W of Medicine Lodge, 37.2791N 98.5708W, 31 Jul-2 Aug 2023, JKA & BGS

Filatima albilorella, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS, **STATE RECORD**

Gelechia bianulella, **Barber Co**, 4 mi W of Medicine Lodge, 37.2791N 98.5708W, 31 Jul-2 Aug 2023, JKA & BGS

Helcystogramma hystricella, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Phthorimaea operculella, **Barber Co**, 4 mi W of Medicine Lodge, 37.2791N 98.5708W, 31 Jul-2 Aug 2023, JKA & BGS

Stegasta bosqueella, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Geometridae:

Narraga stalactaria, Cheyenne Co, Devil's Gap in the Arikaree Breaks, 16.5mi NW of St. Francis, 27-29 Jul 2023, JKA & BGS, 2nd record for KS, only known location for species in state

Gracillariidae:

Caloptilia blandella, **Barber Co**, 4 mi W of Medicine Lodge, 37.2791N 98.5708W, 31 Jul-2 Aug 2023, JKA & BGS

Momphidae:

Mompha albicapitella, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Mompha definitella, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS, **STATE RECORD**

Mompha eloisella, **Barber Co**, 4 mi W of Medicine Lodge, 37.2791N 98.5708W, 31 Jul-2 Aug 2023, JKA & BGS

Noctuidae:

Acronicta edolata, **Morton Co**, Cimarron National Grasslands, along Cimarron "River", 2.5mi E of Hwy 27, 29-31 Jul 2023, JKA & BGS, **STATE RECORD**

Basilodes chrysopsis, **Morton Co**, Cimarron National Grasslands, along Cimarron "River", 2.5mi E of Hwy 27, 29-31 Jul 2023, JKA & BGS, few in state

Cucullia luna, **Cheyenne Co**, Devil's Gap in the Arikaree Breaks, 16.5mi NW of St. Francis, 27-29 Jul 2023, JKA & BGS, few in state

Grotella septempunctata, **Cheyenne Co**, Devil's Gap in the Arikaree Breaks, 16.5mi NW of St. Francis, 27-29 Jul 2023, JKA & BGS, few in state

Grotella septempunctata, **Morton Co**, Cimarron National Grasslands, along Cimarron "River", 2.5mi E of Hwy 27, 29-31 Jul 2023, JKA & BGS, few in state

Plagiomimicus triplagiatus, **Morton Co**, Cimarron National Grasslands, along Cimarron "River", 2.5mi E of Hwy 27, 29-31 Jul 2023, JKA & BGS, few in state

Protophygia pallida, Cheyenne Co, Devil's Gap in the Arikaree Breaks, 16.5mi NW of St. Francis, 27-29 Jul 2023, JKA & BGS, 2nd record for KS, only known location in state

Schinia diffusa, **Morton Co**, Cimarron National Grasslands, along Cimarron "River", 2.5mi E of Hwy 27, 29-31 Jul 2023, JKA & BGS, possible **STATE RECORD**

Schinia errans, **Morton Co**, Cimarron National Grasslands, along Cimarron "River", 2.5mi E of Hwy 27, 29-31 Jul 2023, JKA & BGS, possible **STATE RECORD**

Schinia hanga, **Morton Co**, Cimarron National Grasslands, along Cimarron "River", 2.5mi E of Hwy 27, 29-31 Jul 2023, JKA & BGS

Schinia roseitincta, **Morton Co**, Cimarron National Grasslands, along Cimarron "River", 2.5mi E of Hwy 27, 29-31 Jul 2023, JKA & BGS

Schinia ultima, **Morton Co**, Cimarron National Grasslands, along Cimarron "River", 2.5mi E of Hwy 27, 29-31 Jul 2023, JKA & BGS

Toxonprucha volucris, **Morton Co**, Cimarron National Grasslands, along Cimarron "River", 2.5mi E of Hwy 27, 29-31 Jul 2023, JKA & BGS, **STATE RECORD**

Xylomoia chagnoni, **Cheyenne Co**, Devil's Gap in the Arikaree Breaks, 16.5mi NW of St. Francis, 27-29 Jul 2023, JKA & BGS, **STATE RECORD**

Oecophoridae:

Callima argenticinctella, **Barber Co**, 4 mi W of Medicine Lodge, 37.2791N 98.5708W, 31 Jul-2 Aug 2023, JKA & BGS

Inga cretacea, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Pterophoridae:

Adaina ambrosiae, **Barber Co**, 4 mi W of Medicine Lodge, 37.2791N 98.5708W, 31 Jul-2 Aug 2023, JKA & BGS

Pselnophorus belfragei, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Pyalidae:

Adelphia petrella, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS, **STATE RECORD**

Arta olivialis, **Barber Co**, 4 mi W of Medicine Lodge, 37.2791N 98.5708W, 31 Jul-2 Aug 2023, JKA & BGS

Atascosa glareosella, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Canarsia ulmiarrosorella, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Epipaschia superatalis, **Barber Co**, 4 mi W of Medicine Lodge, 37.2791N 98.5708W, 31 Jul-2 Aug 2023, JKA & BGS

Euzophera semifuneralis, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS,

STATE RECORD

Homoeosoma electella, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Homoeosoma eremophasma, **Morton Co**, Cimarron National Grassland, Rd 789F ca. river, 29 Jul 2023, JKA & BGS, **STATE RECORD**

Honora mellinella, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS, **STATE RECORD**

Hypsopygia olinalis, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Hypsopygia olinalis, **Morton Co**, Cimarron National Grassland, Rd 789F ca. river, 29 Jul 2023, JKA & BGS

Macalla zelleri, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Meroptera cviatella, **Barber Co**, 4 mi W of Medicine Lodge, 37.2791N 98.5708W, 31 Jul-2 Aug 2023, JKA & BGS

Meroptera mirandella, **Morton Co**, Cimarron National Grassland, Rd 789F ca. river, 29 Jul 2023, JKA & BGS

Phyciodes mucidella, **Barber Co**, 4 mi W of Medicine Lodge, 37.2791N 98.5708W, 31 Jul-2 Aug 2023, JKA & BGS

Pococera baptisiella, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Pococera euphemella, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS,

STATE RECORD

Pococera humerella, **Barber Co**, 4 mi W of Medicine Lodge, 37.2791N 98.5708W, 31 Jul-2 Aug 2023, JKA & BGS

Pococera scortealis, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Sciota celtidella, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Sciota fernaldi, **Morton Co**, Cimarron National Grassland, Rd 789F ca. river, 29 Jul 2023, JKA & BGS, **STATE RECORD**

Sciota rubrisparsella, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Sciota subcaesiella, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Sosipatra rileyella, **Morton Co**, Cimarron National Grassland, Rd 789F ca. river, 29 Jul 2023, JKA & BGS, **STATE RECORD**

Tlascala reductella, **Barber Co**, 4 mi W of Medicine Lodge, 37.2791N 98.5708W, 31 Jul-2 Aug 2023, JKA & BGS

Scythrididae:

Scythris trivinctella, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Tineidae:

Acrolophus cressoni, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Amydria curvistrigella, **Barber Co**, 4 mi W of Medicine Lodge, 37.2791N 98.5708W, 31 Jul-2 Aug 2023, JKA & BGS, **STATE RECORD**

Amydria effrenatella, **Barber Co**, 4 mi W of Medicine Lodge, 37.2791N 98.5708W, 31 Jul-2 Aug 2023, JKA & BGS

Eccritothrix guenterella, **Barber Co**, 4 mi W of Medicine Lodge, 37.2791N 98.5708W, 31 Jul-2 Aug 2023, JKA & BGS

Elatobia carbonella, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS, **STATE RECORD**

Tortricidae:

Bactra verutana, **Barber Co**, 4 mi W of Medicine Lodge, 37.2791N 98.5708W, 31 Jul-2 Aug 2023, JKA & BGS

Catastega aceriella, **Barber Co**, 4 mi W of Medicine Lodge, 37.2791N 98.5708W, 31 Jul-2 Aug 2023, JKA & BGS

Cenopsis pettitana, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS, **STATE RECORD**

Cochylis hospes, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Epiblema abruptana, **Barber Co**, 4 mi W of Medicine Lodge, 37.2791N 98.5708W, 31 Jul-2 Aug 2023, JKA & BGS

Epiblema benignatum, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Epiblema boxcana, **Barber Co**, 4 mi W of Medicine Lodge, 37.2791N 98.5708W, 31 Jul-2 Aug 2023, JKA & BGS

Epiblema luctuosissima, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS,

STATE RECORD

Epiblema strenuana, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Episimus argutana, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Eucosma grindeliana, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Eucosma pallidicostana, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS,

STATE RECORD

Gretchena amatana, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Gypsonoma salicicolana, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS,

STATE RECORD

Hystrichophora vestaliana, **Cheyenne Co**, Devil's Gap Canyon, 39.9419N 102.0300W, 27 Jul 2023, JKA & BGS

Pelochrista canana, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS, **STATE RECORD**

Pelochrista comatulana, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Pelochrista consobrinana, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Pelochrista matutina, **Barber Co**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Pelochrista vagana, **Barber Co**, 4 mi W of Medicine Lodge, 37.2791N 98.5708W, 31 Jul-2 Aug 2023, JKA & BGS

Phtheochroa aureoalbida, **Barber Co**, 4 mi W of Medicine Lodge, 37.2791N 98.5708W, 31 Jul-2 Aug 2023, JKA & BGS, **STATE RECORD**

Rhopobota finitimana, **Barber Co.**, 4 mi W of Medicine Lodge, 37.2791N 98.5708W, 31 Jul-2 Aug 2023, JKA & BGS, **STATE RECORD**
Sparganothis distincta, **Barber Co.**, 4 mi W of Medicine Lodge, 37.2791N 98.5708W, 31 Jul-2 Aug 2023, JKA & BGS
Sparganothis sulfureana, **Barber Co.**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Zyganidae:

Harrisina americana, **Barber Co.**, 15 mi W of Medicine Lodge, Tumbleweed Rd, both sides of Hwy 160, 31 Jul-2 Aug 2023, JKA & BGS

Nebraska:

Carposinidae:

Carposina ottawana, **Knox Co.**, in Creighton, 508 Seely St, 12 Aug 2023, MB5

Crambidae:

Agriphila ruricolellus, **Knox Co.**, in Creighton, 508 Seely St, 3 Sep 2023, MB5
Eoreuma densellus, **Knox Co.**, in Creighton, 508 Seely St, 25 Jul 2023, MB5
Frechinia criddlealis, **Dawes Co.**, Chadron, Westerner Motel, 42.8296N 103.0103W, 13 Jul 2023, BGS
Hahncappsia pergivalis, **Dundy Co.**, Haigler, near junction of Hwys 36 & 27, 40.0135N 103.9318W, 27 Jul 2023, BGS
Pyrausta bicoloralis, **Dundy Co.**, Haigler, near junction of Hwys 36 & 27, 40.0135N 103.9318W, 27 Jul 2023, BGS
Pyrausta inornatalis, **Lancaster Co.**, in Lincoln, 20 Aug 2023, JOL
Pyrausta laticlavata, **Buffalo Co.**, in Kearney, 9 Jul 2021, CJ
Pyrausta subsequalis, **Dundy Co.**, Haigler, near junction of Hwys 36 & 27, 40.0135N 103.9318W, 27 Jul 2023, BGS
Saucrobotys fumoferalis, **Dawes Co.**, Nebraska NF, Cliffs Trailhead area, 42.7167N 102.9250W, 13 Jul 2023, JKA
Thaumatopectis pectinifer, **Dundy Co.**, Haigler, near junction of Hwys 36 & 27, 40.0135N 103.9318W, 27 Jul 2023, BGS, **STATE RECORD**
Vaxi critica, **Knox Co.**, in Creighton, 508 Seely St, 2 Jul 2023, MB5

Depressariidae:

Ethmia monticola, **Dundy Co.**, Haigler, near junction of Hwys 36 & 27, 27-29 Jul 2023, JKA & BGS

Erebidae:

Catocala abbreviatella, **Hamilton Co.**, Gjerloff Prairie, 11 Jul 2023, SBA, **STATE RECORD**
Catocala clintoni, **Brown Co.**, Niobrara Valley Preserve, 9 Jul 2023, JJN, **STATE RECORD**
Catocala illecta, **Dundy Co.**, Haigler, near junction of Hwys 36 & 27, 27-29 Jul 2023, JKA & BGS, farthest west in state
Catocala junctura, **Stanton Co.**, 25 Aug 2023, ES, **STATE RECORD**
Catocala micronympha, **Brown Co.**, Niobrara Valley Preserve, 9 Jul 2023, JJN, **STATE RECORD**
Catocala neogama, **Stanton Co.**, 23 Aug 2023, ES, **STATE RECORD**
Catocala parta, **Stanton Co.**, 23 Aug 2023, ES
Catocala parta, **Thomas Co.**, Nebraska NF area, just SW of Halsey, 5-6 Jul 2022, JKA, **STATE RECORD**
Catocala piatrix, **Hall Co.**, 17 Aug 2023, AHE, **STATE RECORD**
Catocala piatrix, **Stanton Co.**, 23 Aug 2023, ES
Catocala vidua, **Stanton Co.**, 23 Aug 2023, ES, **STATE RECORD**
Cisthene barnesii, **Dawes Co.**, Nebraska NF, Cliffs Trailhead area, 10-12 Jul 2023, JKA
Hypoprepia inculta, **Dawes Co.**, Nebraska NF, Cliffs Trailhead area, 12-14 Jul 2023, JKA, very few in state, all in far west
Idia concisa of authors, **Buffalo Co.**, in Kearney, 25 Jun 2021, CJ
Phragmatobia fuliginosa, **Dawes Co.**, Nebraska NF, Cliffs Trailhead area, 12-14 Jul 2023, JKA, few records in state

Gracillariidae:

Coleotechnites coniferella, **Knox Co.**, in Creighton, 508 Seely St, 14 Jun 2016, MB5
Dichomeris juncidella, **Knox Co.**, in Creighton, 508 Seely St, 3 Jul 2023, MB5

Geometridae:

Cabera quadrifasciaria, **Thomas Co.**, Nebraska NF area, just SW of Halsey, 10-12 Jul 2023, JKA, few records in state
Eustria coloraria, **Thomas Co.**, Nebraska NF area, just SW of Halsey, 10-12 Jul 2023, JKA, farthest west in state
Euchlaena serrata, **Thomas Co.**, Nebraska NF area, just SW of Halsey, 10-12 Jul 2023, JKA, farthest west in state
Glena nigricaria, **Scotts Bluff Co.**, Wildcat Hills, 11 Aug 2023, CC1

Gracillariidae:

Macrosaccus morrisella, **Knox Co.**, in Creighton, 508 Seely St, 19 Sep 2023, MB5
Parornix nov. sp., **Knox Co.**, in Creighton, 508 Seely St, 22 Jun 2023, MB5

Hesperiidae:

Anatrytone logan, **Blaine Co.**, North Loup River @ Brewster, 9 Jul 2023, NED
Euphyes dion, **Brown Co.**, Niobrara Valley Preserve, 9 Jul 2023, JJN
Euphyes dion, **Keyapaha Co.**, Niobrara Valley Preserve, 10 Jul 2023, CHE

Lasiocampidae:

Gloveria arizonensis, **Dawes Co.**, Nebraska NF, Cliffs Trailhead area, 12-14 Jul 2023, JKA, very few in state, all in far west
Phyllodesma americana, **Thomas Co.**, Nebraska NF area, just SW of Halsey, 10-12 Jul 2023, JKA

Lycaenidae:

Parrhasius m-album, **Lancaster Co.**, in Lincoln, 19 Jun 2023, SMS
Satyrium titus, **Blaine Co.**, North Loup River @ Brewster, 9 Jul 2023, BNI
Tharsalea helloides, **Rock Co.**, in Bassett, 20 Sep 2023, JYC

Noctuidae:

Acronicta morula, **Dundy Co.**, Haigler, near junction of Hwys 36 & 27, 27-29 Jul 2023, JKA & BGS
Choephora fungorum, **Sarpy Co.**, Fontenelle Forest, 25 Sep 2013, BLP

Globia subflava, **Dawes Co.**, Chadron, Westerner Motel, at lights, 12-14 Jul 2023, JKA, few records in state

Hadena circumvadis, **Dawes Co.**, Nebraska NF, Cliffs Trailhead area, 12-14 Jul 2023, JKA & BGS, **STATE RECORD**

Hydraecia perobliqua, **Dawes Co.**, Nebraska NF, Cliffs Trailhead area, 12-14 Jul 2023, JKA & BGS, few records for state, taken here first in 2021

Ipimorpha pleonectusa, **Thomas Co.**, Nebraska NF area, just SW of Halsey, 10-12 Jul 2023, JKA, few records in state

Neoligia exhausta, **Dawes Co.**, Nebraska NF, Cliffs Trailhead area, 12-14 Jul 2023, JKA & BGS, few records in state

Papaipema beeriana, **Cedar Co.**, Beldin, 12 Sep 2023, ES

Papaipema circumlucens, **Knox Co.**, in Creighton, 29 Aug 2023, MB5

Parabagrotis exertistigma, **Dawes Co.**, Nebraska NF, Cliffs Trailhead area, 12-14 Jul 2023, JKA & BGS, **STATE RECORD**

Schinia roseitincta, **Dundy Co.**, Haigler, near junction of Hwys 36 & 27, 27-29 Jul 2023, JKA & BGS, possible 2nd state record

Schinia roseitincta, **Thomas Co.**, Nebraska NF area, just SW of Halsey, 10-12 Jul 2023, JKA, possible **STATE RECORD**

Scotogramma submarina, **Thomas Co.**, Nebraska NF area, just SW of Halsey, 10-12 Jul 2023, JKA, possible **STATE RECORD**

Trachea delicata, **Dawes Co.**, Nebraska NF, Cliffs Trailhead area, 12-14 Jul 2023, JKA & BGS, farthest west in state

Ufeus satyricus, **Dawes Co.**, Nebraska NF, Cliffs Trailhead area, 12-14 Jul 2023, JKA & BGS, few records in state

Ulolonche disticha, **Dawes Co.**, Nebraska NF, Cliffs Trailhead area, 12-14 Jul 2023, JKA & BGS, **STATE RECORD**

Xylomoia chagnoni, **Thomas Co.**, Nebraska NF area, just SW of Halsey, 10-12 Jul 2023, JKA

Nymphalidae:

Anthanassa texana texana, **Washington Co.**, near Blair, 1 Oct 2023, CP

Argynnis idalia, **Dawes Co.**, Nebraska NF, Cliffs Trailhead area, 12-14 Jul 2023, JKA & BGS

Libytheana carinenta, **Hamilton Co.**, Lincoln Creek Prairie E of Aurora, 1 Jul 2023, SBA

Polygonia progne, **Saunders Co.**, 5mi N of Mead, 3 May 2023, LT1

Vanessa virginiensis, **Saunders Co.**, 5mi N of Mead, 23 Oct 2023, LT1

Papilionidae:

Eurytides marcellus, **Jefferson Co.**, Rock Creek Station State Historical Park, 16 Jun 2023, RFL

Eurytides marcellus, **Johnson Co.**, 13 Jun 2023, MVR

Prodoxidae:

Tegeticula yuccasella, **Dawes Co.**, Chadron, Westerner Motel, 42.8296N 103.0103W, 12 Jul 2023, JKA

Pterophoridae:

Emmelina monodactyla, **Dundy Co.**, Haigler, near junction of Hwys 36 & 27, 40.0135N 103.9318W, 27 Jul 2023, BGS

Hellinsia longifrons, **Hall Co.**, Crane Meadows, 13 Sep 2021, MW2, ID by DL Matthews

Pyralidae:

Acrobasis tricolorella, **Dawes Co.**, Nebraska NF, Cliffs Trailhead area, 42.7167N 102.9250W, 13 Jul 2023, JKA

Sciota fernaldi, **Dundy Co.**, Haigler, near junction of Hwys 36 & 27, 40.0135N 103.9318W, 27 Jul 2023, BGS

Telethusia ovalis, **Dawes Co.**, Nebraska NF, Cliffs Trailhead area, 42.7167N 102.9250W, 13 Jul 2023, JKA

Telethusia ovalis, **Knox Co.**, in Creighton, 508 Seely St, 22 Aug 2023, MB5

Tlascala reductella, **Dundy Co.**, Haigler, near junction of Hwys 36 & 27, 40.0135N 103.9318W, 27 Jul 2023, BGS

Sesiidae:

Carmenta mimuli, **Knox Co.**, in Creighton, 508 Seely St, 10 Jul 2023, MB5

Podosesia syringae, **Johnson Co.**, in Tecumseh, 25 Jun 2023, IN

Sphingidae:

Hemaris diffinis, **Garden Co.**, Ash Hollow State Historical Park, 19 Jul 2023, ODR

Hemaris diffinis, **Hall Co.**, no other data

Hemaris diffinis, **Hamilton Co.**, Gjerloff Prairie, 16 Jun 2023, SBA, **STATE RECORD**

Hemaris diffinis, **Rock Co.**, Fred Thomas Wildlife Management Area, 28 Jul 2023, JYC

Hyles euphorbiae, **Lincoln Co.**, 1mi N of North Platte, 7 Aug 2019, JPE, **STATE RECORD**

Hyles euphorbiae, **Stanton Co.**, 13 Aug 2023, SBU

Manduca quinquemaculata, **Brown Co.**, Niobrara Valley Preserve, 9 Jul 2023, JIN, **STATE RECORD**

Manduca quinquemaculata, **Keith Co.**, Lake McConaughy, 27 Sep 2023, THA

Tineidae:

Homosetia argentinetella, **Knox Co.**, in Creighton, 30 Jul 2023, MB5

Isocorypha mediostriatella, **Knox Co.**, in Creighton, 27 Jul 2023, MB5

Tortricidae:

Cydia gallaesaliciana, **Knox Co.**, in Creighton, 508 Seely St, 28 Jun 2023, MB5

Cydia garacana, **Dawson Co.**, Willow Island WMA, 31 Jul 2011, PD

Epiblema benignata, **Knox Co.**, in Creighton, 508 Seely St, 24 Jun 2023, MB5

Gretchena amatana, **Knox Co.**, in Creighton, 508 Seely St, 8 Aug 2023, MB5

Pelochrista galenapunctana, **Dundy Co.**, Haigler, near junction of Hwys 36 & 27, 40.0135N 103.9318W, 27 Jul 2023, BGS

Pelochrista rosaocellana, **Knox Co.**, in Creighton, 508 Seely St, 10 Aug 2023, MB5

Pelochrista scintillana, **Dundy Co.**, Haigler, near junction of Hwys 36 & 27, 40.0135N 103.9318W, 27 Jul 2023, BGS

Pelochrista serpentana, **Dundy Co.**, Haigler, near junction of Hwys 36 & 27, 40.0135N 103.9318W, 27 Jul 2023, BGS, **STATE RECORD**

Pelochrista vandana, **Knox Co.**, in Creighton, 508 Seely St, 11 Jul 2023, MB5

Phtheochroa baracana, **Knox Co.**, in Creighton, 508 Seely St, 18 Jul 2023, MB5

Pseudexentera hodsoni, **Knox Co.**, in Creighton, 508 Seely St, 10 May 2023, MB5

Suleima baracana, **Scotts Bluff Co.**, Wildcat Hills, 9 Aug 2020, CC!

North Dakota:

Argyresthiidae:

Argyresthia calliphanes, **Billings Co.**, Bar X Guest Ranch, West River Rd. along Little Missouri River, SW of Medora, 46.8962N 103.5414W, 16 Jul 2023, BGS, **STATE RECORD**

Autostichidae:

Oegoconia novimundi, **Billings Co.**, Bar X Guest Ranch, on entrance rd, SW of Medora, 46.900N 103.565W, 15 Jul 2023, JKA & BGS

Blastobasidae:

Hypatopa vestaliella, **Billings Co.**, Bar X Guest Ranch, on entrance rd, SW of Medora, 46.900N 103.565W, 15 Jul 2023, JKA & BGS, **STATE RECORD**

Coleophoridae:

Coleophora cf. *bistrigella*, **Ramsey Co.**, Devil's Lake, 27 Jun 2022, GMF, **STATE RECORD**

Coleophora trifolii, **Billings Co.**, Bar X Guest Ranch, West River Rd. along Little Missouri River, SW of Medora, 46.8962N 103.5414W, 16 Jul 2023, BGS, **STATE RECORD**

Cosmopterigidae:

Walshia miscelorella, **Billings Co.**, Bar X Guest Ranch, on entrance rd, SW of Medora, 46.900N 103.565W, 15 Jul 2023, JKA & BGS

Crambidae:

Anania hortulata, **Billings Co.**, Bar X Guest Ranch, West River Rd. along Little Missouri River, SW of Medora, 46.8962N 103.5414W, 16 Jul 2023, BGS, **STATE RECORD**

Crambus girardellus, **Billings Co.**, Bar X Guest Ranch, West River Rd. along Little Missouri River, SW of Medora, 46.8962N 103.5414W, 16 Jul 2023, BGS

Eudonia spenceri, **Billings Co.**, Bar X Guest Ranch, on entrance rd, SW of Medora, 46.900N 103.565W, 16 Jul 2023, JKA & BGS, **STATE RECORD**

Fissicrambus mutabilis, **Billings Co.**, Bar X Guest Ranch, on entrance rd, SW of Medora, 46.900N 103.565W, 16 Jul 2023, JKA & BGS

Loxostegopsis polle, **Billings Co.**, Bar X Guest Ranch, West River Rd. along Little Missouri River, SW of Medora, 46.8962N 103.5414W, 15 Jul 2023, JKA & BGS, **STATE RECORD**

Mecyna mustelinalis, **Billings Co.**, Bar X Guest Ranch, on entrance rd, SW of Medora, 46.900N 103.565W, 15 Jul 2023, JKA & BGS, **STATE RECORD**

Mecyna submedialis, **Billings Co.**, Bar X Guest Ranch, West River Rd. along Little Missouri River, SW of Medora, 46.8962N 103.5414W, 15 Jul 2023, JKA & BGS

Platytes vobisne, **Billings Co.**, Bar X Guest Ranch, West River Rd. along Little Missouri River, SW of Medora, 46.8962N 103.5414W, 15 Jul 2023, JKA & BGS

Pyrausta socialis, **Billings Co.**, Bar X Guest Ranch, on entrance rd, SW of Medora, 46.900N 103.565W, 15 Jul 2023, JKA & BGS, **STATE RECORD**

Thaumtopsia fernaldella, **Billings Co.**, Bar X Guest Ranch, West River Rd. along Little Missouri River, SW of Medora, 46.8962N 103.5414W, 15 Jul 2023, JKA & BGS, **STATE RECORD**

Erebidae:

Cisthene barnesi, **Billings Co.**, Badland habitat, Bar X Guest Ranch, between West River Rd. and Little Missouri River, SW of Medora, 10-12 Jul 2022, JKA

Crambidia cephalica, **Billings Co.**, Badland habitat, Bar X Guest Ranch, between West River Rd. and Little Missouri River, SW of Medora, 15-18 Jul 2023, JKA & BGS, **STATE RECORD**

Mycterophora inexplicata, **Billings Co.**, Badland habitat, Bar X Guest Ranch, between West River Rd. and Little Missouri River, SW of Medora, 15-18 Jul 2023, JKA & BGS, **STATE RECORD**

Gelechiidae:

Chionodes oecus, **Billings Co.**, Bar X Guest Ranch, on entrance rd, SW of Medora, 46.900N 103.565W, 15 Jul 2023, JKA & BGS, **STATE RECORD**

Dichomeris flavocostella, **Billings Co.**, Bar X Guest Ranch, West River Rd. along Little Missouri River, SW of Medora, 46.8962N 103.5414W, 16 Jul 2023, BGS

Scrobipalpa atriplicella, **Billings Co.**, Bar X Guest Ranch, on entrance rd, SW of Medora, 46.900N 103.565W, 15 Jul 2023, JKA & BGS, **STATE RECORD**

Geometridae:

Ennomos magnarius, **Billings Co.**, Badland habitat, Bar X Guest Ranch, between West River Rd. and Little Missouri River, SW of Medora, 10-12 Jul 2022, JKA

Horisme incana, **Billings Co.**, Badland habitat, Bar X Guest Ranch, between West River Rd. and Little Missouri River, SW of Medora, 15-18 Jul 2023, JKA & BGS, **STATE RECORD**

Noctuidae:

Apamea longula, **Billings Co.**, Badland habitat, Bar X Guest Ranch, between West River Rd. and Little Missouri River, SW of Medora, 15-18 Jul 2023, JKA & BGS, previously from McKenzie Co

Feltia mollis, **Billings Co.**, Badland habitat, Bar X Guest Ranch, between West River Rd. and Little Missouri River, SW of Medora, 15-18 Jul 2023, JKA & BGS, **STATE RECORD**

Pseudeva purpurigera, **Billings Co.**, Badland habitat, Bar X Guest Ranch, between West River Rd. and Little Missouri River, SW of Medora, 15-18 Jul 2023, JKA & BGS

Rhizagrotis cloanthoides, **Billings Co.**, Badland habitat, Bar X Guest Ranch, between West River Rd. and Little Missouri River, SW of Medora, 15-18 Jul 2023, JKA & BGS, previously from McKenzie Co

Plutellidae:

Plutella hyperboreella, **Billings Co.**, Bar X Guest Ranch, on entrance rd, SW of Medora, 46.900N 103.565W, 15 Jul 2023, JKA & BGS, **STATE RECORD**

Pyralidae:

Aglossa oculalis, **Billings Co.**, Bar X Guest Ranch, on entrance rd, SW of Medora, 46.900N 103.565W, 16 Jul 2023, JKA & BGS, **STATE RECORD**

Cacotherapia leucocope, **Billings Co.**, Bar X Guest Ranch, on entrance rd, SW of Medora, 46.900N 103.565W, 15 Jul 2023, JKA & BGS, **STATE RECORD**

Galasa nigrinodis, **Billings Co.**, Bar X Guest Ranch, West River Rd. along Little Missouri River, SW of Medora, 46.8962N 103.5414W, 15 Jul 2023, JKA & BGS

Macrorrhinia aureofasciella, **Billings Co.**, Bar X Guest Ranch, on entrance rd, SW of Medora, 46.900N 103.565W, 16 Jul 2023, JKA & BGS, **STATE RECORD**

Pyla aenigmatica, **Billings Co.**, Bar X Guest Ranch, on entrance rd, SW of Medora, 46.900N 103.565W, 15 Jul 2023, JKA & BGS, **STATE RECORD**

Sciota fernaldi, **Billings Co.**, Bar X Guest Ranch, West River Rd. along Little Missouri River, SW of Medora, 46.8962N 103.5414W, 15 Jul 2023, JKA & BGS

Tineidae:

Amydria obliquella, **Billings Co.**, Bar X Guest Ranch, on entrance rd, SW of Medora, 46.900N 103.565W, 15 Jul 2023, JKA & BGS, **STATE RECORD**

Setomorpha rutella, **Billings Co.**, Bar X Guest Ranch, West River Rd. along Little Missouri River, SW of Medora, 46.8962N 103.5414W, 15 Jul 2023, JKA & BGS, **STATE RECORD**

Tortricidae:

Eucosma pallidarcis, **Billings Co.**, Bar X Guest Ranch, on entrance rd, SW of Medora, 46.900N 103.565W, 16 Jul 2023, JKA & BGS, **STATE RECORD**

Eucosma pallidicostana, **Billings Co.**, Bar X Guest Ranch, West River Rd. along Little Missouri River, SW of Medora, 46.8962N 103.5414W, 15 Jul 2023, JKA & BGS, **STATE RECORD**

Pelochrista albiguttana, **Billings Co.**, Bar X Guest Ranch, West River Rd. along Little Missouri River, SW of Medora, 46.8962N 103.5414W, 15 Jul 2023, JKA & BGS, **STATE RECORD**

Pelochrista corosana, **Billings Co.**, Bar X Guest Ranch, on entrance rd, SW of Medora, 46.900N 103.565W, 16 Jul 2023, JKA & BGS

Pelochrista fuscosparsa, **Billings Co.**, Bar X Guest Ranch, West River Rd. along Little Missouri River, SW of Medora, 46.8962N 103.5414W, 15 Jul 2023, JKA & BGS, **STATE RECORD**

Pelochrista matutina, **Billings Co.**, Bar X Guest Ranch, on entrance rd, SW of Medora, 46.900N 103.565W, 16 Jul 2023, JKA & BGS

Pelochrista serpentana, **Billings Co.**, Bar X Guest Ranch, on entrance rd, SW of Medora, 46.900N 103.565W, 16 Jul 2023, JKA & BGS, **STATE RECORD**

Oklahoma:

Hesperiidae:

Amblyscirtes alternata, **Payne Co.**, Stillwater, 18 Mar 2018, OLS, photo by L Miller

Amblyscirtes belli, **Cotton Co.**, Walters, 8 Jul 2023, OLS, photo by CM Thomas

Amblyscirtes belli, **Major Co.**, Ringwood, US 412, 28 May 2022, OLS, photo by B Dobbins

Amblyscirtes belli, **McClain Co.**, Purcell, 30 Jun 2023, OLS, photo by B Conrad, iNaturalist

Amblyscirtes belli, **Roger Mills Co.**, Black Kettle NG, Croton Creek Wildlife Viewing Area, 17 Jul 2021, OLS, photo, iNaturalist

Amblyscirtes nysa, **Beckham Co.**, 2.5km ENE of Sayre, 15 May 2020, OLS, photo, iNaturalist

Amblyscirtes nysa, **Cimarron Co.**, Black Mesa SP, 17 May 2015, BRC, photo, iNaturalist

Amblyscirtes nysa, **Woodward Co.**, Ft. Supply, 19 Aug 2023, OLS, photo, iNaturalist

Atrytone arogos iowa, **Woodward Co.**, Moreland, 2 Jul 2022, OLS, photo by E Geest

Atrytonopsis hianna, **Noble Co.**, Lake McMurtry, 6 May 2020, AH3, iNaturalist

Atrytonopsis hianna, **Stephens Co.**, Clear Creek Lake, N end, 11 May 2022, DM5, photo

Calpododes ethlius, **Pontotoc Co.**, Ada, 6 Sep 2020, OLS, photo, iNaturalist

Calpododes ethlius, **Woodward Co.**, Woodward, 3 Oct 2020, OLS, photo, iNaturalist

Copaeodes minima, **McCurtain Co.**, Red Slough WMA, 9 Nov 2022, WDA, 9 individuals, photo

Copaeodes minima, **McCurtain Co.**, Red Slough WMA, 14 Nov 2023, WDA, photo

Erynnis baptisiae, **Grady Co.**, 7mi E of Tuttle, 6 Jul 2019, OLS, photo by D Drinko

Erynnis baptisiae, **Washita Co.**, Cordell, 11 Apr 2023, OLS, photo by R Torgerson

Erynnis brizo, **Johnson Co.**, Tishomingo NWR, 11 Apr 2023, OLS, photo by H Hellstern

Erynnis brizo, **Roger Mills Co.**, Black Kettle NG, OK 33, 1mi S, OK 30, 1mi W, 21 Apr 2021, OLS, photo by RJ Baltierra, iNaturalist

Erynnis brizo, **Stephens Co.**, Lake Fuqua, 21 Mar 2023, OLS, photo by B Shelton

Erynnis icelus, **Muskogee Co.**, Wild Horse Prairie, 23 Apr 2020, CAI, photo, iNaturalist

Erynnis juvenalis, **Canadian Co.**, Cedar Lake, S on OK 37, 26 Jun 2022, OLS, photo on iNaturalist

Erynnis juvenalis, **Cimarron Co.**, Kenton Tesequite Creek, 2 Aug 2021, BRC, photo on iNaturalist

Erynnis juvenalis, **Cotton Co.**, Walters, 6 Jul 2023, OLS, photo CM Thomas

Erynnis juvenalis, **Grady Co.**, 10 km SW of Blanchard along US 62, 19 Apr 2020, OLS, photo, iNaturalist

Erynnis juvenalis, **Jefferson Co.**, Waurika Lake, 17 Mar 2017, OLS, photo E Hjalmarsen

Erynnis juvenalis, **Lincoln Co.**, 4km S of Avery, 13 May 2023, OLS, photo by M Miguez

Erynnis juvenalis, **Marshall Co.**, Willis, OUBS, 4 Jun 2019, OLS, photo by P Crawford, iNaturalist
Erynnis juvenalis, **Mayes Co.**, Pryor, 28 Jun 2018, RW4, photo, iNaturalist
Erynnis juvenalis, **Woodward Co.**, Boiling Springs SP, 9 Apr 2020, OLS, photo by B Harney, iNaturalist
Hesperia leonardus leonardus, **Leflore Co.**, Ouachita NF, Cedar Lake RA, 22 Oct 2022, OLS, photo by L Crees, iNaturalist
Hesperia metea, **Adair Co.**, 1km N of Cherry Tree, along US 59, 21 Apr 2023, AH3, iNaturalist
Hesperia uncus, **Beckham Co.**, 4mi S of Erick, 4 Jun 2022, JPB
Hylephila phyleus, **Grady Co.**, Chickasha, USAO, 22 Oct 2019, OLS, photo by G Gordon, iNaturalist
Hylephila phyleus, **Kiowa Co.**, Quartz Mtn SP, 3 Oct 2017, JP2, photo, iNaturalist
Hylephila phyleus, **Logan Co.**, Coyle, 8 Sep 2019, OLS, photo by J Smith, iNaturalist
Hylephila phyleus, **Ottawa Co.**, Ottawa, 23 Sep 2019, OLS, photo by C Ross, iNaturalist
Lerema accius, **Lincoln Co.**, 6mi N & 4mi W of Stroud, 10 Oct 2022, OLS, photo by M Miguez
Lerema accius, **Woodward Co.**, Woodward, 13 Aug 2021, OLS, photo by S Solloway
Lon zabulon, **Bryan Co.**, Mead, 10 Jun 2022, OLS, photo by K Kirby-Norris
Lon zabulon, **Stephens Co.**, Clear Creek Lake, N end, 17 Jun 2022, DM5, photo
Megathymus yuccae, **Adair Co.**, US 59, 0.5km N of 923 Rd, 22 Apr 2023, AH3, iNaturalist
Megathymus yuccae, **Cherokee Co.**, Paradise Hill, 2km NW, 15 Apr 2022, AH3, iNaturalist
Megathymus yuccae, **Roger Mills Co.**, Black Kettle NG, Black Kettle Lake, 21 Jul 2021, OLS, photo of larval tent by B Harney, iNaturalist
Megathymus yuccae, **Tulsa Co.**, Tulsa, 7 Jul 2023, OLS, larva, photo by CA Miller
Poanes viator, **McIntosh Co.**, Eufaula WMA, Duchess Creek Arm, 8 Oct 2021, OLS, photo, iNaturalist
Systasea pulverulenta, **Stephens Co.**, Clear Creek Lake, N end, 12-21 Aug 2023, DM5, photo, **STATE RECORD**
Telegonus cellus, **McCurtain Co.**, Ouachita NF, McCurtain Unit, "Bee Seep", 13 May 2022, WDA, photo
Telegonus cellus, **McCurtain Co.**, Ouachita NF, McCurtain Unit, "Bee Seep", 3 May 2023, WDA, 5 individuals, photo
Thorybes confusus, **Logan Co.**, Little Cedar Garden, 3 Jul 2022, OLS, photo by DA Nash
Thorybes dorantes, **McCurtain Co.**, Red Slough WMA, 31 Oct 2023, WDA, photo
Thorybes lycaides, **Grady Co.**, 7mi E of Tuttle, 28 Jun 2022, OLS, photo by D Drinko
Thorybes lycaides, **Marshall Co.**, Tishomingo NWR, Rock Creek, 8 May 2022, OLS, photo by T Franzem, iNaturalist
Thorybes pylades, **Woodward Co.**, 5mi NW of Woodward along US 412, 6 May 2023, OLS, photo, iNaturalist
Vernia vera, **Adair Co.**, Stilwell, Caney Creek, 12 Aug 2020, CAI, photo, iNaturalist
Vernia vera, **Muskogee Co.**, OK National Guard Camp Gruber Training Center, 22 Jun 2023, AH3, photo

Lycaenidae:

Atlides halesus, **Latimer Co.**, 2mi W of Talihina, 20 Mar 2022, OLS, photo by C Washington
Atlides halesus, **Murray Co.**, N of Sulphur, 15 Mar 2020, AH3, iNaturalist
Atlides halesus, **Washita Co.**, 6km SW of Colony, 9 May 2023, OLS, photo by A Espino
Callophrys gryneus gryneus, **Bryan Co.**, 15mi SE of Durant, 21 Jun 2022, OLS, photo by F Huddleston
Callophrys henrici, **Oklahoma Co.**, Oklahoma City, OKC Zoo, 22 Mar 2023, OLS, photo by E Geest
Callophrys irus hadros, **Atoka Co.**, Atoka WMA, 25 Apr 2021, OLS, OKBioSurvey FREL Survey
Callophrys irus hadros, **Bryan Co.**, 1km S of Choctaw Nation Cultural Center, 17 May 2023, OLS, larvae on *B. spherocarpa*, photo by J Hung
Callophrys irus hadros, **Choctaw Co.**, 6km S of Ft. Towson, 31 Mar 2021, OLS, OKBioSurvey FREL Survey
Callophrys irus hadros, **Leflore Co.**, Kerr Center for Sustainable Agriculture, 11 Apr 2021, OLS, OKBioSurvey FREL Survey
Callophrys irus hadros, **Pittsburg Co.**, 7km N of Banco, 18 Apr 2021, OLS, OKBioSurvey FREL Survey
Callophrys irus hadros, **Pushmataha Co.**, 10km NNE of Clayton, 1 May 2021, OLS, OKBioSurvey FREL Survey
Callophrys niphon, **Delaware Co.**, Natural Falls SP, 22 Apr 2019, OLS, photo, iNaturalist
Callophrys niphon, **Latimer Co.**, 2mi W of Talihina, 23 Apr 2022, OLS, photo by C Washington
Calycopis cecrops, **Love Co.**, Lake Murray Overlook, 21 Jun 2021, OLS, photo, iNaturalist
Celastrina ladon, **Stephens Co.**, Clear Creek Lake, N end, 10 May 2022, DM5, photo
Celastrina neglecta, **Adair Co.**, Little Lee Creek @ E 293 Rd, 23 Jun 2023, CAI, photo
Celastrina neglecta, **Oklahoma Co.**, Oklahoma City, 8 Jun 2022, OLS, photo by B Baggenstoss
Cupido comyntas, **Tillman Co.**, 5mi NE of Frederick, 13 May 2022, OLS, photo by T Hodgkins, 77th county recorded for species
Echinargus isola, **Pushmataha Co.**, Clayton Lake SP, 19 Jul 2019, OLS, photo, iNaturalist
Feniseca tarquinius, **Canadian Co.**, Yukon, 3 Aug 2023, OLS, photo by C Cowan
Hemiargus ceraunus, **Bryan Co.**, 15km SE of Bennington at state line, 17 Sep 2022, OLS, photo by J Baxter-Slye, iNaturalist
Hemiargus ceraunus, **Comanche Co.**, Ft. Sill, Natches Pond, 31 Aug 2013, OLS, photo by V Fazio
Hemiargus ceraunus, **Jackson Co.**, Altus City Reservoir, 29 Aug 2013, OLS, photo by V Fazio
Hemiargus ceraunus, **Marshall Co.**, Willis, OUBS, 1 Oct 2016, OLS, photo, iNaturalist
Hemiargus ceraunus, **McCurtain Co.**, Red Slough WMA, 10 Nov 2022, WDA, photo
Hemiargus ceraunus, **Oklahoma Co.**, Oklahoma City, Lake Hefner, SW corner, 21 Oct 2022, OLS, photo by M Miguez
Icaricia lupini texanus, **Greer Co.**, Quartz Mtn SP, Baldy Pt Climbing Area trailhead, 22 Jun 2022, OLS, photo by P Crawford
Leptotes cassius, **Kingfisher Co.**, Hennessy, Bull Foot Park, 5 Sep 2022, OLS, photo by B Dobbins, fide ADW
Leptotes marina, **Lincoln Co.**, Stroud, 7 Oct 2022, OLS, photo by M Miguez
Leptotes marina, **Muskogee Co.**, OK National Guard Camp Gruber Training Center, 8 Oct 2022, AH3, iNaturalist
Leptotes marina, **Woodward Co.**, Woodward, 8 Jul 2022, OLS, photo by TJ Littau
Parrhasius m-album, **Logan Co.**, 10km NNE of Arcadia, 15 Jul 2022, OLS, photo by D Griffith, iNaturalist
Parrhasius m-album, **Muskogee Co.**, OK National Guard Camp Gruber Training Center, 8 Oct 2022, AH3, iNaturalist
Phaeostrymon alcestitis, **Love Co.**, 3km N of US 70 at Red Cedar Rd, 15 May 2020, OLS, photo, iNaturalist
Phaeostrymon alcestitis, **Murray Co.**, Sulphur, Chicksaw Heritage Center, 9 Jun 2023, ZDF, photo
Phaeostrymon alcestitis, **Muskogee Co.**, Muskogee, 4 Jul 2022, OLS, photo by C Yott

Phaeostrymon alcestris, **Roger Mills Co.**, Black Kettle NG, WMA tract 67, 24 Jun 2019, OLS, photo by P Denehy
Phaeostrymon alcestris, **Wagoner Co.**, Wagoner, 18 Jun 2022, OLS, photo by NR Waggoner
Phaeostrymon alcestris, **Washita Co.**, E 1090 Rd @ Gyp Creek, 8 Jun 2021, OLS, photo by J Allen Ratzlaff
Satyrium calanus, **Woodward Co.**, Boiling Springs SP, 30 May 2022, OLS, photo, iNaturalist
Satyrium edwardsii, **Cherokee Co.**, Cherokee WMA, 15 May 2022, JWA, photo
Satyrium liparops, **Oklahoma Co.**, 1km S of I40 & I240, 15 Jun 2016, OLS, photo by E Hjalmarson, iNaturalist
Satyrium titus, **Adair Co.**, 4km SSW of Bell, 15 Jun 2020, OLS, photo by B Harney, iNaturalist
Satyrium titus, **Delaware Co.**, 1km W of Kansas, 15 Jun 2020, AH3, iNaturalist
Strymon istapa, Stephens Co., Clear Creek Lake, N end, 5 Jul 2023, DM5, photo, 2nd report for county
Tharsalea dione, **Beckham Co.**, 4mi S of Erick, 4 Jun 2022, JPB
Tharsalea dione, **Caddo Co.**, NW of Apache, 26 May 2023, OLS, photo by B Baggenstoss

Nymphalidae:

Adelpha eulalia, Cimarron Co., Felt, 16 Sep 2022, OLS, photo by S Metz
Anthanassa texana texana, **Logan Co.**, North Edmond, 2 Jul 2023, OLS, photo by T Sims
Anthanassa texana texana, Stephens Co., Clear Creek Lake, N end, 3 Nov 2022, DM5, photo
Anthanassa texana texana, **Woodward Co.**, Woodward, 19 Jul 2023, OLS, photo by S Solloway
Argynnis cybele, **Garfield Co.**, Enid, 6 Jun & 10 Sep 2023, OLS, photo by G Wynne, and photo on iNaturalist
Argynnis diana, Creek Co., Bristow, 19 Jun 2022, OLS, female, photo by L Malinchak
Argynnis diana, **McIntosh Co.**, Checotah, 5 Jun 2017, OLS, photo by S Murray, iNaturalist
Argynnis idalia, **Cleveland Co.**, Norman, 11 Jul 2022, ZDF, female, photo
Asterocampa clyton, **Choctaw Co.**, Sawyer, 12 Aug 2021, AB, photo
Asterocampa clyton, **Creek Co.**, 2.5km S of I-44 @ Kellyville exit, 1 Oct 2021, OLS, photo by D Jurkiewicz, iNaturalist
Asterocampa clyton, **Haskell Co.**, Stigler, 13 Sep 2019, OLS, photo, iNaturalist
Asterocampa clyton, **Lincoln Co.**, Stroud, 23 Sep 2022, OLS, photo by M Miguez
Asterocampa clyton, **Logan Co.**, Coyle, 31 Aug 2019, OLS, photo by J Smith, iNaturalist
Asterocampa clyton, **Major Co.**, Ames, 30 Jun 2022, OLS, photo by BS Fielder
Asterocampa clyton, **Washita Co.**, Cordell, 19 Aug 2022, OLS, photo by R Torgerson
Asterocampa clyton, **Woods Co.**, Alva, 1 Jun 2023, OLS, photo by S Thompson, iNaturalist
Chlosyne fulvia, **Payne Co.**, Stillwater, 6 May 2022, OLS, photo by P Rudra
Chlosyne gorgone, **McClain Co.**, Newcastle, 15 Jul 2021, OLS, photo by C Phillips
Chlosyne lacinia, **Woods Co.**, Alva, 10 Jul 2023, OLS, larval photo by S Thompson, iNaturalist
Chlosyne nycteis, **Woodward Co.**, Ft. Supply Lake, E side, 15 Apr 2022, OLS, photo by T Springer, iNaturalist
Cyllopsis gemma, **Grady Co.**, USAO Habitat Area, 24 Sep 2021, OLS, photo by J Shaw, iNaturalist
Danaus gilippus, **Beckham Co.**, N fork of the Red River at Greer Co line, 15 Aug 2022, OLS, photo by SB League
Danaus gilippus, **Caddo Co.**, Ft. Cobb SP, 15 Oct 2022, OLS, photo by D Hill
Danaus gilippus, **Garfield Co.**, Enid, Government Springs Park, Dillingham Gardens, 30 Oct 2022, OLS, photo by B Dobbins
Danaus gilippus, **Noble Co.**, 8km E of Red Rock, 24 Sep 2022, OLS, photo by K Bishop
Danaus gilippus, **Stephens Co.**, Clear Creek Lake, N end, 15 Jun 2021, DM5, photo
Danaus gilippus, **Woods Co.**, Sandhills WMA, 24 Sep 2022, OLS, photo by L Haymaker, iNaturalist
Dione incarnata, **Washita Co.**, 6km SW of Colony, 9 May 2023, OLS, photo by A Espino
Hermeuptychia sosybius, **Oklahoma Co.**, Edmond, 23 Aug 2020, OLS, photo by RD Parker, iNaturalist
Lethe anthedon, **Lincoln Co.**, 3km S of Perkins on 3350 Rd, 7 Oct 2020, OLS, photo by T McCaslin
Lethe creola, **Muskogee Co.**, Braggs, 3 May 2023, AH3, photo
Lethe portlandia, **Coal Co.**, E177 Rd @ Muddy Boggy Creek, 29 Jul 2018, OLS, photo by E Hjalmarson, iNaturalist
Libytheana carinenta, **Dewey Co.**, Seiling, Murray Memorial Park, 24 Jul 2022, OLS, photo by B Dobbins
Libytheana carinenta, **Lincoln Co.**, Stoud, 29 Aug 2022, OLS, photo by M Miguez
Libytheana carinenta, **Stephens Co.**, Clear Creek Lake, N end, 2 Jul 2022, DM5, photo
Libytheana carinenta, **Woodward Co.**, Woodward, 20 Sep 2022, OLS, photo by S Solloway
Limenitis arthemis astyanax, **Atoka Co.**, 10km S of Atoka, 12 Jul 2012, OLS, photo by E Whitehead, iNaturalist
Limenitis arthemis astyanax, **Caddo Co.**, S of Hinton, 19 Aug 2017, OLS, photo by J Crockwell, iNaturalist
Limenitis arthemis astyanax, **Carter Co.**, 2km E of Dickson on US 177, 11 Aug 2020, OLS, photo by M Cliff, iNaturalist
Neonympha areolata, Pushmataha Co., 5.5mi W of Antlers, sphagnum bog, 16 Aug 2022, OLS, photo by G Bardsdale
Nymphalis antiopa, **Bryan Co.**, Albany, 23 May 2023, OLS, photo by F Huddleston
Nymphalis antiopa, **Cotton Co.**, Lake Waurika, W side, 15 May 2016, OLS, photo by V Fazio, iNaturalist
Nymphalis antiopa, **Mayes Co.**, 4.5mi W of Pryor, 16 May 2023, RW4, photo, iNaturalist
Phyciodes picta, **Harper Co.**, 5km E of US 283 at Stink Creek, 8 May 2022, OLS, photo by RJ Baltierra, iNaturalist
Polygonia comma, **Alfalfa Co.**, Salt Plains NWR, 19 Jul 2021, OLS, photo by S Washington, iNaturalist
Polygonia comma, **Washington Co.**, N of Ochelata, 6 Apr 2021, OLS, photo by R Hasegawa, iNaturalist
Polygonia comma, **Woodward Co.**, Boiling Springs SP, 25 Apr 2021, OLS, photo by RJ Baltierra, iNaturalist
Polygonia interrogationis, **Jackson Co.**, Altus AFB, 22 Sep 2021, OLS, photo by T May
Polygonia progne, **Mayes Co.**, Pryor, 10 Mar 2014, RW4, photo – dorsal & ventral, iNaturalist
Vanessa cardui, **Love Co.**, Lake Murray SP, 17 Sep 2019, OLS, photo, iNaturalist
Vanessa viriniensis, **Custer Co.**, Foss Lake SP, 2 Apr 2019, OLS, photo by P Jessen

Papilionidae:

Battus philenor, **Grady Co.**, Bridge Creek, 5 Oct 2023, OLS, photo by J Mansell
Battus philenor, **Washita Co.**, Cordell, 6 Nov 2022, OLS, photo by R Torgerson

Eurytides marcellus, **Payne Co.**, Stillwater, 24 Jun 2020, OLS, photo by T O'Connell, iNaturalist
Eurytides marcellus, **Pushmataha Co.**, Little River @ Cloudy Rd, 10 Jun 2009, OLS, photo by D Lynch, iNaturalist
Eurytides marcellus, **Wagoner Co.**, Whitehorn Cove, 11 Jun 2023, OLS, photo by C Terral
Heraclides cresphontes, **Beckham Co.**, Elk City, 20 Jun 2023, OLS, photo by B Christian
Heraclides cresphontes, **Blaine Co.**, Okeene, 27 Aug 2023, OLS, photo by R Wilczek
Heraclides cresphontes, **Ottawa Co.**, Miami, 21 Sep 2022, OLS, larval photo by P Charles
Heraclides cresphontes, **Pottawatomie Co.**, 4km W of McCloud, 9 Sep 2023, OLS, photo by C Jones
Heraclides cresphontes, **Roger Mills Co.**, Black Kettle NG, 2km WSW of Black Kettle Lake, 30 Jul 2023, OLS, photo by L Murdoch
Heraclides cresphontes, **Washita Co.**, Cordell, 23 Oct 2022, OLS, photo by R Torgerson
Papilio polyxenes, **Beckham Co.**, Elk City, 20 Jun 2023, OLS, larval photo by B Christian
Papilio polyxenes, **Caddo Co.**, Apache, 8 Jul 2023, OLS, photo by JS Smith, 77th county recorded
Papilio polyxenes, **Love Co.**, Hickory Creek WMA, 19 May 2019, OLS, photo by K Johnson
Pterourus glaucus, **Blaine Co.**, Roman Nose SP, 17 Aug 2023, OLS, photo, iNaturalist
Pterourus glaucus, **Washita Co.**, Cordell, 12 Apr 2022, OLS, photo by R Torgerson
Pterourus troilus, **Bryan Co.**, 18km N of Bennington, 8 Aug 2021, OLS, photo by G Brown

Pieridae:

Abaeis mexicana, **Roger Mills Co.**, Black Kettle NG, Washita Battlefield National Historic Site, 9 Jun 2023, OLS, photo, iNaturalist
Abaeis nicippe, **Kiowa Co.**, Tom Steed Reservoir, E side, 19 Jul 2013, OLS, photo by V Fazio
Abaeis nicippe, **Woods Co.**, Alva, 20 Jul 2023, OLS, photo by S Thompson, iNaturalist, 77th county record
Anthocharis midea, **Carter Co.**, Ardmore, 13 Apr 2018, OLS, photo by S Brown
Anthocharis midea, **Craig Co.**, 10km N, 4kmW of Vinita, 7 Apr 2019, OLS, photo by K Fritz, iNaturalist
Anthocharis midea, **Woodward Co.**, Boiling Springs SP, 6 Apr 2020, OLS, photo, iNaturalist
Krigonia lyside, **Woodward Co.**, Woodward, 23 Sep 2022, OLS, photo by S Solloway
Phoebis agarithe, **Atoka Co.**, McGee Creek Rd, 4 Jul 2020, AH3, iNaturalist
Phoebis agarithe, **Cleveland Co.**, Norman, 21 Oct 2021, OLS, photo by D West
Phoebis agarithe, **Love Co.**, Lake Murray SP overlook, 21 Aug 2021, OLS, photo by BC Ferris, iNaturalist
Phoebis agarithe, **Payne Co.**, Stillwater, OSU Botanical Garden, 17 Oct 2016, OLS, photo by M Kersten
Pieris rapae, **Woodward Co.**, Woodward, 24 Oct 2023, OLS, photo by S Solloway
Zerene cesonia, **Grady Co.**, Tuttle, 4 Apr 2022, OLS, photo by D Jefferson

Sesiidae:

Carmenta odda, **Comanche Co.**, Panther Creek at 49 crossing, Wichita Mountains NWF., 5-7 Jun 2023, WHT, **STATE RECORD**
Cissuvora ampelopsis, **Comanche Co.**, Panther Creek at 49 crossing, Wichita Mountains NWF., 5-7 Jun 2023, WHT
Vitacea admiranda, **Comanche Co.**, Panther Creek at 49 crossing, Wichita Mountains NWF., 5-7 Jun 2023, WHT

South Dakota:

Copromorphidae:

Elabella editha, **Lawrence Co.**, Black Hills, summit of Terry Pk, 44.325N 103.837W, 14 Jul 2023, JKA & BGS, **STATE RECORD**

Crambidae:

Pyrausta fadinalis, **Lawrence Co.**, Black Hills, summit of Terry Pk, 44.325N 103.837W, 14 Jul 2023, JKA & BGS, **STATE RECORD**
Udea abstrusa, **Lawrence Co.**, Black Hills, summit of Terry Pk, 44.325N 103.837W, 14 Jul 2023, JKA & BGS, **STATE RECORD**

Erebidae:

Phalaenostola metonalis, **Lawrence Co.**, Black Hills, Terry's Peak Rd., 14-15 Jul 2023, JKA & BGS, possible **STATE RECORD**

Tortricidae:

Apotomis removana, **Lawrence Co.**, Black Hills, summit of Terry Pk, 44.325N 103.837W, 14 Jul 2023, JKA & BGS, **STATE RECORD**

Manitoba:

Crambidae:

Pyrausta pythialis, **Eastman Region**, Thalberg, 16 Jun 2023, KEJ, few recent Canada records

Geometridae:

Tacparia atropunctata, **Eastman Region**, Isbister Lakes Peatlands, 2 Jun 2023, KEJ, **PROVINCIAL RECORD** and westward range extension

Hepialidae:

Sthenopsis argenteomaculatus, **Eastman Region**, Thalberg, 16 Jun 2023, KEJ

Hesperiidae:

Erynnis martialis, **Eastman Region**, Thalberg, 17 Jun 2023, KEJ, rather extensive population

Noctuidae:

Acronicta quadrata, **Eastman Region**, Kerry-Hadashville Pine Plains, 25 Jul 2023, KEJ, good condition, rather late date
Lacanobia radix, **Eastman Region**, Isbister Lakes Peatlands, 2 Jun 2023, KEJ
Papaipema aweme, **Eastman Region**, St. Labre Creek Peatlands, 25 Jul 2023, KEJ, early record
Syngrapha selecta, **Eastman Region**, East Braintree, 24 Jul 2023, KEJ
Xestia imperita, **Eastman Region**, Boggy River Peatlands, 24 Jul 2023, KEJ, southern range extension for MB
Xestia mixta, **Eastman Region**, Boggy River Peatlands, 24 Jul 2023, KEJ, southern range extension for MB

Nymphalidae:

Boloria eunomia, North East Region, Ranger Lakes, 5 Jun 2023, KEJ, abundant

Erebia mancinus, Eastman Region, Isbister Lakes Peatlands, 2 Jun 2023, KEJ, already flight worn, not found here on 18 Jun

Pyralidae:

Dioryctria banksiella, Eastman Region., East Braintree, 24 Jul 2023, KEJ

Tortricidae:

Ancylis semiovana, **Eastman Region**, Thalberg, 16 Jun 2023, KEJ, **PROVINCIAL RECORD**, common

Hystrichophora taleana, **Eastman Region**, Belair, 15 Jun 2023, KEJ, few Canada records

Hystrichophora taleana, Eastman Region, Thalberg, 16 Jun 2023, KEJ, few Canada records

Zone 6: Texas

Coordinator: Stuart Marcus

Contributors: Brenda J. Banda (BJB), Ashley Campbell (ACA), Jack Cochran (JC3), Annika Lindqvist (AL3), Missy McAllister-Kerr (MIM), Stuart Marcus (SM3), Mike Rickard (MR2)

No zone report.

RECORDS:**Texas:****Autostichidae:**

Taygete gallaegenitella, **Williamson Co**, New House of Jack, 8 Jul 2023, JC3, <https://www.inaturalist.org/observations/171756114>

Blastobasidae:

Calosima albapennella, **Liberty Co**, Trinity River NWR, 4 Sep 2023, SM3, <https://www.inaturalist.org/observations/181815643>

Calosima albapennella, **Williamson Co**, New House of Jack, 6 Jun 2023, JC3, <https://www.inaturalist.org/observations/165924571>

Bucculatricidae:

Bucculatrix angustata, **Hidalgo Co**, Mission, 29 Aug 2023, MR2, <https://www.inaturalist.org/observations/196706259>

Choreutidae:

Tebenna gnaphaliella, **Williamson Co**, New House of Jack, 3 Apr 2023, JC3, <https://www.inaturalist.org/observations/153481168>

Coleophoridae:

Coleophora lineapulvella, **Williamson Co**, New House of Jack, 9 Oct 2023, JC3, <https://www.inaturalist.org/observations/187510912>, **STATE RECORD**

Coleophora mayrella, **Liberty Co**, Trinity River NWR, 25 May 2023, SM3, <https://www.inaturalist.org/observations/163918174>, **STATE RECORD**

Cosmopterigidae:

Eralea albalineella, **Hamilton Co**, FM 2005, 9 Sep 2023, MIM, <https://www.inaturalist.org/observations/182774027>

Obithome punctiferella, **Hidalgo Co**, Bentsen-RGV SP, 5 Oct 2020, BJB, <https://www.inaturalist.org/observations/64874489>

Triclonella nov. sp., **Hidalgo Co**, Bentsen-RGV SP, 2 Oct 2020, BJB, <https://www.inaturalist.org/observations/61831834>

Cossidae:

Bryopctia ramosa, **Hidalgo Co**, Bentsen-RGV SP, 28 Sep 2022, BJB, <https://www.inaturalist.org/observations/136832312>

Inguromorpha texasensis, **Williamson Co**, New House of Jack, 19 Jun 2023, JC3, <https://www.inaturalist.org/observations/168490607>, probable **STATE RECORD**

Crambidae:

Aethiophysa dualis, **Hidalgo Co**, Bentsen-RGV SP, 6 Oct 2021, BJB, <https://www.inaturalist.org/observations/97478371>

Crambus leachellus, **Williamson Co**, New House of Jack, 16 Oct 2023, JC3, <https://www.inaturalist.org/observations/187802779>

Diaphania nitidalis, **Hidalgo Co**, Mission, 3 Dec 2023, MR2, <https://www.inaturalist.org/observations/196706266>

Glaphyria basiflavalis, **Hidalgo Co**, Bentsen-RGV SP, 8 Oct 2022, BJB, <https://www.inaturalist.org/observations/138521377>

Glaphyria fulminalis, **Hidalgo Co**, Bentsen-RGV SP, 13 Oct 2020, BJB, <https://www.inaturalist.org/observations/63048730>

Haimbachia squamulellus, **Hidalgo Co**, Bentsen-RGV SP, 1 Dec 2022, BJB, <https://www.inaturalist.org/observations/143449407>

Hellula phidilealis, **Liberty Co**, Trinity River NWR, 21 Jun 2023, SM3, <https://www.inaturalist.org/observations/168714847>

Lineodes vulnifica, **Hidalgo Co**, Bentsen-RGV SP, 7 Oct 2022, BJB, <https://www.inaturalist.org/observations/138517411>

Lipocosma polingi, **Hidalgo Co**, Bentsen-RGV SP, 8 Oct 2022, BJB, <https://www.inaturalist.org/observations/138521378>

Microcrambus croesus, **Mills Co**, Timberlake Biological Station, 21 Oct 2023, AL3, <https://www.inaturalist.org/observations/189588457>

Noctueliopsis bububattalis, **Hamilton Co**, FM 2005, 11 Mar 2023, MIM, <https://www.inaturalist.org/observations/150929802>

Orphanostigma haemorrhoidalis, **Hidalgo Co**, Mission, 12 Dec 2023, MR2, <https://www.inaturalist.org/observations/196706267>

Pyrausta rubricalis, **Liberty Co**, Trinity River NWR, 11 Sep 2023, SM3, <https://www.inaturalist.org/observations/183027959>

Rupela sejuncta, **Williamson Co**, New House of Jack, 5 Jun 2023, JC3, <https://www.inaturalist.org/observations/165745249>, **STATE RECORD**

Xanthophysa psychialis, **Liberty Co**, Trinity River NWR, 23 Sep 2023, SM3, <https://www.inaturalist.org/observations/184743199>

Depressariidae:

Antaeotricha haesitans, Hidalgo Co, Bentsen-RGV SP, 21 Oct 2020, BJB, <https://www.inaturalist.org/observations/64037872>
Ethmia apicipunctella, **Williamson Co**, New House of Jack, 22-23 Mar 2023, JC3, <https://www.inaturalist.org/observations/152033507>
Ethmia bittinella, Hidalgo Co, Bentsen-RGV SP, 4 Oct 2020, BJB, <https://www.inaturalist.org/observations/61812656>
Ethmia delliella, **Liberty Co**, Trinity River NWR, 16 Jun 2023, SM3, <https://www.inaturalist.org/observations/167957004>
Ethmia semilugens, Burnet Co, Inks Lake SP, 10 Mar 2023, AL3, <https://www.inaturalist.org/observations/151779874>
Ethmia semiombra, Hidalgo Co, Bentsen-RGV SP, 21 Sep 2020, BJB, <https://www.inaturalist.org/observations/65665259>
Exaeretia gracilis, Mills Co, Timberlake Biological Station, 20 Oct 2023, AL3, <https://www.inaturalist.org/observations/188721520>
Menesta melanella, **Liberty Co**, Trinity River NWR, 1 Aug 2023, SM3, <https://www.inaturalist.org/observations/176881589>
Psilocorsis reflexella, **Liberty Co**, Trinity River NWR, 31 Mar 2023, SM3, <https://www.inaturalist.org/observations/153245824>

Elachistidae:

Elachista ciligera, **Liberty Co**, Trinity River NWR, 31 Mar 2023, SM3, <https://www.inaturalist.org/observations/153885828>, tentative ID by Steve Nanz, **STATE RECORD**

Epermeniidae:

Epermenia pimpinella, **Dallas Co**, Lochwood Neighborhood, 23 Jun 2023, AL3, <https://www.inaturalist.org/observations/191902971>, possible **STATE RECORD**

Erebidae:

Antiblemma sterope, **Hidalgo Co**, Mission, 7 Jun 2023, MR2, <https://www.inaturalist.org/observations/166925497>, **STATE RECORD** and **UNITED STATES RECORD**
Argyrostroma anilis, **Williamson Co**, Granger Lake, 22 Mar-16 May 2023, JC3, <https://www.inaturalist.org/observations/151973025>
Bendisodes aeolia, Hidalgo Co, Bentsen-RGV SP, 13 Oct 2020, BJB, <https://www.inaturalist.org/observations/63048743>
Cissusa spadix, **Liberty Co**, Trinity River NWR, 24 Feb 2023, SM3, <https://www.inaturalist.org/observations/149690362>
Cisthene tenuifascia, **Liberty Co**, Trinity River NWR, 19-24 Oct 2023, SM3, <https://www.inaturalist.org/observations/188455205>
Gonodonta bidens, **Hidalgo Co**, Bentsen-RGV SP, 28 Oct 2022, BJB, <https://www.inaturalist.org/observations/140256823>
Helia agna, Hidalgo Co, Bentsen-RGV SP, 5 Oct 2020, BJB, <https://www.inaturalist.org/observations/62426259>
Hyperopsis calusa, **Hidalgo Co**, Bentsen-RGV SP, 29 May 2023, BJB, <https://www.inaturalist.org/observations/164423929>, formerly *Schrankia macula*
Matigramma rubrosuffusa, **Williamson Co**, New House of Jack, 8 May 2023, JC3, <https://www.inaturalist.org/observations/160587293>
Purpurus superpulvrea, Hidalgo Co, Bentsen-RGV SP, 13 Oct 2020, BJB, <https://www.inaturalist.org/observations/63048713>
Renia flavipunctalis, **Williamson Co**, Adam Orgain Park, 20 Oct 2023, JC3, <https://www.inaturalist.org/observations/188628649>
Renia salusalis, **Liberty Co**, Trinity River NWR, 9 Mar 2023, SM3, <https://www.inaturalist.org/observations/150973757>
Virbia aurantiaca, **Liberty Co**, Trinity River NWR, 19 May 2023, SM3, <https://www.inaturalist.org/observations/162968090>

Gelechiidae:

Anacampsis paltodoriella, Hidalgo Co, Bentsen-RGV SP, 14 May 2023, BJB, <https://www.inaturalist.org/observations/161648620>
Aristotelia roseosuffusella, **Liberty Co**, Trinity River NWR, 17 Aug-4 Sep 2023, SM3, <https://www.inaturalist.org/observations/179147766>
Chionodes thyotes, Hidalgo Co, Mission, 25 Aug 2023, MR2, <https://www.inaturalist.org/observations/196706260>
Chionodes trichostola, **Hidalgo Co**, Mission, 7 Jun 2023, MR2, <https://www.inaturalist.org/observations/196706261>
Dichomeris citrifoliella, **Hamilton Co**, FM 2005, 6 Mar 2023, MIM, <https://www.inaturalist.org/observations/150857980>
Fascista quinella, **Dallas Co**, Cedar Hill SP, 4 Aug 2023, AL3, <https://www.inaturalist.org/observations/176895832>
Filatima nigripetctus, **Dallas Co**, Lochwood Neighborhood, 16 Jan-3 Apr 2023, AL3, <https://www.inaturalist.org/observations/147505890>, possible **STATE RECORD**
Filatima nigripetctus, **Williamson Co**, New House of Jack, 20 Feb-16 May 2023, JC3, <https://www.inaturalist.org/observations/149328826>
Neodactylota liguritrix, **Liberty Co**, Trinity River NWR, 13 Aug 2022, SM3, <https://www.inaturalist.org/observations/130855696>
Polyhymno nov. sp. 420594.82, **Liberty Co**, Trinity River NWR, 16 Jun 2023, SM3, <https://www.inaturalist.org/observations/167957009>
Sinoe kwakae, **Liberty Co**, Trinity River NWR, 4 Nov 2023, SM3, <https://www.inaturalist.org/observations/190125092>
Sophronia roseicrinella, **Williamson Co**, New House of Jack, 8 Jun 2023, JC3, <https://www.inaturalist.org/observations/166411411>
Symmetrischema pallidochrella, **Williamson Co**, New House of Jack, 16 Jun 2023, JC3, <https://www.inaturalist.org/observations/167930263>, probable **STATE RECORD**, previously *Symmetrischema lavernella*
Theisoa multifasciella, Wise Co, LBJ Grasslands, 26 Jun 2023, AL3, <https://www.inaturalist.org/observations/175322426>

Geometridae:

Digrammia californiaria, **Williamson Co**, New House of Jack, 1 May 2023, JC3, <https://www.inaturalist.org/observations/159429534>
Eumacaria madopata, **Hamilton Co**, FM 2005, 11 Mar 2023, MIM, <https://www.inaturalist.org/observations/151011489>
Eupithecia bolterii, Burnet Co, Inks Lake SP, 10 Mar 2023, AL3, <https://www.inaturalist.org/observations/151780633>
Eupithecia jejuna, **Liberty Co**, Trinity River NWR, 3 Mar 2022, SM3, <https://www.inaturalist.org/observations/108043987>
Glena furfuraria, **Hamilton Co**, FM 2005, 24 Mar 2023, MIM, <https://www.inaturalist.org/observations/152383568>
Leptostales laevitaria, **Williamson Co**, New House of Jack, 7 Mar-7 Jun 2023, JC3, <https://www.inaturalist.org/observations/150666368>
Lobocleta plemyraria, **Williamson Co**, New House of Jack, 9 Apr-17 Aug 2023, JC3, <https://www.inaturalist.org/observations/154334866>
Macaria aemulataria, **Liberty Co**, Trinity River NWR, 24 Feb 2023, SM3, <https://www.inaturalist.org/observations/149690364>
Macaria nervata, **Hidalgo Co**, Bentsen-RGV SP, 20 Oct 2023, BJB, <https://www.inaturalist.org/observations/188456287>, **STATE RECORD** and **UNITED STATES RECORD**

Gracillariidae:

Cameraria caryaefoliella, Denton Co, LLELA Nature Preserve, 24 Jun 2023, AL3, <https://www.inaturalist.org/observations/169298918>
Cameraria guttifinitella, Denton Co, Green Acres Farm Memorial Park, 20 Jun 2023, AL3, <https://www.inaturalist.org/observations/169317802>
Dialectica cordiella, **Hidalgo Co**, Mission, 27 Dec 2023, MR2, <https://www.inaturalist.org/observations/196706264>, probable **STATE RECORD**

Gracillaria quinquistrigella, Dallas Co, Lochwood Neighborhood, 17 Jan-6 Mar 2023, AL3, <https://www.inaturalist.org/observations/147591085>

Marmara opuntiella, Burnet Co, Inks Lake SP, 10 Mar 2023, AL3, <https://www.inaturalist.org/observations/151693633>

Parornix texanella, **Liberty Co**, Trinity River NWR, 22 Apr 2016, SM3, <https://www.inaturalist.org/observations/161170555>

Heliozelidae:

Coptodisca saliciella, **Denton Co**, LLELA Nature Preserve, 24 Jun 2023, AL3, <https://www.inaturalist.org/observations/192660438>, determined from leaf mine, possible **STATE RECORD**

Lasiocampidae:

Apolotype blanchardi, Hidalgo Co, Bentsen-RGV SP, 16 Sep 2020, BJB, <https://www.inaturalist.org/observations/65646616>

Lecithoceridae:

Martyringa xeraula, **Liberty Co**, Trinity River NWR, 17 May 2023, SM3, <https://www.inaturalist.org/observations/162593126>

Limacodidae:

Apoda latomia, **Williamson Co**, New House of Jack, 7 May 2023, JC3, <https://www.inaturalist.org/observations/160575664>

Euclea incisa, **Liberty Co**, Trinity River NWR, 2 Apr 2023, SM3, <https://www.inaturalist.org/observations/154147814>

Nepticulidae:

Ectoedemia clemensella, **Denton Co**, LLELA Nature Preserve, 24 Jun 2023, AL3, <https://www.inaturalist.org/observations/192574585>, determined from leaf mine, possible **STATE RECORD**

Stigmella rhamnella section, **Denton Co**, LLELA Nature Preserve, 24 Jun 2023, AL3, <https://www.inaturalist.org/observations/192671064>

Noctuidae:

Acronicta brumosa, **Williamson Co**, New House of Jack, 1 Mar 2023, JC3, <https://www.inaturalist.org/observations/150003978>

Acronicta modica, **Williamson Co**, New House of Jack, 8 Jun 2023, JC3, <https://www.inaturalist.org/observations/166267052>

Anagrapha falcifera, **Hamilton Co**, FM 2005, 21 Oct 2023, MIM, <https://www.inaturalist.org/observations/188618382>

Azenia obtusa, **Williamson Co**, New House of Jack, 25-26 May 2023, JC3, <https://www.inaturalist.org/observations/163875567>

Bagisara buxea, **Hamilton Co**, FM 2005, 30 Mar 2023, MIM, <https://www.inaturalist.org/observations/152901623>

Catabena lineolata, **Liberty Co**, Trinity River NWR, 2-26 Mar 2023, SM3, <https://www.inaturalist.org/observations/150622831>

Cirrhophanus pretiosa, **Williamson Co**, New House of Jack, 6 Jun 2023, JC3, <https://www.inaturalist.org/observations/165914946>

Condica cupentia, **Hidalgo Co**, Mission, 2 Oct 2023, MR2, <https://www.inaturalist.org/observations/196706262>

Copanarta aurea, **Hamilton Co**, FM 2005, 21 Apr 2023, MIM, <https://www.inaturalist.org/observations/156103205>

Elaphria exesa, **Williamson Co**, New House of Jack, 7-14 Jun 2023, JC3, <https://www.inaturalist.org/observations/166258759>

Elaphria trolia, **Williamson Co**, New House of Jack, 11 Jul 2023, JC3, <https://www.inaturalist.org/observations/172341147>

Heliocheilus paradoxus, **Williamson Co**, New House of Jack, 14-19 Jun 2023, JC3, <https://www.inaturalist.org/observations/167409430>

Lacinipolia erecta, **Liberty Co**, Trinity River NWR, 26 Oct 2023, SM3, <https://www.inaturalist.org/observations/189176714>

Micrathetis tecnion, **Hidalgo Co**, Bentsen-RGV SP, 27 Apr 2023, BJB, <https://www.inaturalist.org/observations/156932875>

Plagiomimicus navia, **Williamson Co**, New House of Jack, 24 Mar-3 Apr 2023, JC3, <https://www.inaturalist.org/observations/152395733>

Ponometia domeri, **Brewster Co**, Study Butte, 18 Apr 2023, AL3, <https://www.inaturalist.org/observations/160684903>

Ponometia elegantula, **Williamson Co**, New House of Jack, 18 Apr 2023, JC3, <https://www.inaturalist.org/observations/155675290>

Ponometia venustula, **Williamson Co**, New House of Jack, 16 Jun 2023, JC3, <https://www.inaturalist.org/observations/167723559>

Raphia frater, **Hamilton Co**, FM 2005, 5 Mar 2023, MIM, <https://www.inaturalist.org/observations/150857697>

Schinia citrinellus, **Williamson Co**, New House of Jack, 12 Jun-27 Aug 2023, JC3, <https://www.inaturalist.org/observations/167071676>

Schinia gracilentia, **Hidalgo Co**, Mission, 14 Oct 2023, MR2, <https://www.inaturalist.org/observations/196706271>

Schinia lynx, **Williamson Co**, New House of Jack, 2 Apr 2023, JC3, <https://www.inaturalist.org/observations/153377006>

Schinia oleagina, **Williamson Co**, New House of Jack, 29 Sep 2023, JC3, <https://www.inaturalist.org/observations/185510764>

Stiria intermixta, **Williamson Co**, Critchfield Preserve, 18 Oct 2023, JC3, <https://www.inaturalist.org/observations/188278939>

Tarache lactipennis, **Hamilton Co**, FM 2005, 8 Apr 2023, MIM, <https://www.inaturalist.org/observations/154170039>

Tripudia limbatus, **Liberty Co**, Trinity River NWR, 24 Mar 2023, SM3, <https://www.inaturalist.org/observations/152318838>

Nolidae:

Meganola phylla, **Liberty Co**, Trinity River NWR, 6 Jul 2023, SM3, <https://www.inaturalist.org/observations/171490533>

Notodontidae:

Americerura candida, **Hamilton Co**, FM 2005, 3 Mar 2023, MIM, <https://www.inaturalist.org/observations/150134582>

Datana contracta, **Liberty Co**, Trinity River NWR, 3 May 2020, SM3, <https://www.inaturalist.org/observations/45377780>

Hyparpax aurostriata, **Williamson Co**, New House of Jack, 10 Jul 2023, JC3, <https://www.inaturalist.org/observations/172208644>

Paraeschra georgica, **Hamilton Co**, FM 2005, 11 Mar 2023, MIM, <https://www.inaturalist.org/observations/151011511>

Peridea angulosa, **Williamson Co**, New House of Jack, 16 Mar-27 May 2023, JC3, <https://www.inaturalist.org/observations/151326935>

Papilionidae:

Pterourus glaucus, **Canyon Co**, 1 Aug 2023, ACA

Pterophoridae:

Exelastis montischristi, **Hidalgo Co**, Bentsen-RGV SP, 22 Oct 2020, BJB, <https://www.inaturalist.org/observations/64037892>

Lantanophaga pusillidactylus, **Liberty Co**, Trinity River NWR, 24 Feb 2023, SM3, <https://www.inaturalist.org/observations/149750998>

Megalorhipida leucodactylus, **Hidalgo Co**, Bentsen-RGV SP, 22 Oct 2020, BJB, <https://www.inaturalist.org/observations/64037897>

Pselnophorus kutisi, **Williamson Co**, New House of Jack, 7 May-15 Jun 2023, JC3, <https://www.inaturalist.org/observations/160575702>

Stenoptilia pallistriga, **Liberty Co**, Trinity River NWR, 8 Dec 2022, SM3, <https://www.inaturalist.org/observations/144106673>

Pyralidae:

Acrobasis caryae, **Liberty Co**, Trinity River NWR, 23 May & 7 Sep 2023, SM3, <https://www.inaturalist.org/observations/164045671>

Acrobasis juglandis, **Liberty Co**, Trinity River NWR, 30 May 2023, SM3, <https://www.inaturalist.org/observations/169878741>

Alpheias querula, **Hidalgo Co**, Mission, 29 Jul 2023, MR2, <https://www.inaturalist.org/observations/176498192>

Anabasis ochrodesma, **Liberty Co**, Trinity River NWR, 8 Nov 2016, SM3, <https://www.inaturalist.org/observations/159774416>, **STATE RECORD**

Dioryctria caesirufella, **Williamson Co**, New House of Jack, 15 Jun 2023, JC3, <https://www.inaturalist.org/observations/167588308>

Ephesiodes mignonella, **Williamson Co**, New House of Jack, 15-28 Apr 2023, JC3, <https://www.inaturalist.org/observations/155198458>

Hypargyria slossonella, **Williamson Co**, New House of Jack, 12 Oct 2023, JC3, <https://www.inaturalist.org/observations/187522090>

Macrorrhinia aureofasciella, **Williamson Co**, New House of Jack, 4 May-10 Oct 2023, JC3, <https://www.inaturalist.org/observations/160208047>

Myelopsis minutulella, **Williamson Co**, New House of Jack, 24-25 Mar 2023, JC3, <https://www.inaturalist.org/observations/152395728>

Peoria bipartitella, **Williamson Co**, New House of Jack, 19 Sep 2023, JC3, <https://www.inaturalist.org/observations/184059084>

Salebriaria borealis, **Williamson Co**, New House of Jack, 26 Mar-9 Jun 2023, JC3, <https://www.inaturalist.org/observations/152552620>, probable **STATE RECORD**

Salebriaria fergusonella, **Liberty Co**, Trinity River NWR, 31 Mar 2023, SM3, <https://www.inaturalist.org/observations/153220267>

Salebriaria pumilella, **Hamilton Co**, FM 2005, 10 Sep 2023, MIM, <https://www.inaturalist.org/observations/182777399>

Salebriaria roseopunctella, **Liberty Co**, Trinity River NWR, 31 Mar 2023, SM3, <https://www.inaturalist.org/observations/153885829>

Sciota gilvibasella, **Williamson Co**, New House of Jack, 24 Sep 2023, JC3, <https://www.inaturalist.org/observations/184769169>

Sciota subcaesiella, **Williamson Co**, New House of Jack, 1 May 2023, JC3, <https://www.inaturalist.org/observations/159493730>

Saturniidae:

Dryocampa rubicunda, **Liberty Co**, Trinity River NWR, 5 Jun 2023, SM3, <https://www.inaturalist.org/observations/166172459>

Syssphinx heiligbrodti, **Hidalgo Co**, Bentsen-RGV SP, 22 Oct 2020, BJB, <https://www.inaturalist.org/observations/64037888>

Scythrididae:

Arotrura longissima, **Hidalgo Co**, Mission, 11 Oct 2023, MR2, <https://www.inaturalist.org/observations/196706258>

Sphingidae:

Dolba hyloeus, **Hamilton Co**, FM 2005, 26 Mar 2023, MIM, <https://www.inaturalist.org/observations/152449880>

Erinnyis obscura, **Hidalgo Co**, Bentsen-RGV SP, 2 Nov 2020, BJB, <https://www.inaturalist.org/observations/64797931>

Sphinx vanbuskirkii, **Hamilton Co**, FM 2005, 14 Jul 2023, MIM, <https://www.inaturalist.org/observations/174546120>

Thyrididae:

Pseudothyris sepulchralis, **Liberty Co**, Trinity River NWR, 3 Mar 2022, SM3, <https://www.inaturalist.org/observations/150973756>

Tineidae:

Acrolophus cockerelli, **Williamson Co**, Pecan Springs Karst Preserve, 11-18 Oct 2023, JC3, <https://www.inaturalist.org/observations/187365725>

Tortricidae:

Aethes baloghi, **Liberty Co**, Trinity River NWR, 30 Aug 2023, SM3, <https://www.inaturalist.org/observations/181000328>

Aethes matheri, **Liberty Co**, Trinity River NWR, 24 Feb-1 May 2023, SM3, <https://www.inaturalist.org/observations/149690319>, ID by dissection by Hugh McGuinness

Celypha cespitana, **Williamson Co**, New House of Jack, 2 Apr 2023, JC3, <https://www.inaturalist.org/observations/153377030>

Cydia gallaesaliciana, **Liberty Co**, Trinity River NWR, 10 Jul 2023, SM3, <https://www.inaturalist.org/observations/172609394>

Epiblema browni, **Hamilton Co**, FM 2005, 14 Sep 2023, MIM, <https://www.inaturalist.org/observations/94971659>

Epiblema browni, **Liberty Co**, Trinity River NWR, 7 Sep 2013, SM3, <https://www.inaturalist.org/observations/95798882>, new ID, **STATE RECORD**

Epiblema chromata, **Williamson Co**, Berry Springs Park and Preserve, 16 May-18 Oct 2023, JC3, <https://www.inaturalist.org/observations/162068009>

Epiblema mandana, **Liberty Co**, Trinity River NWR, 14 May 2023, SM3, <https://www.inaturalist.org/observations/161680274>, possible **STATE RECORD**

Epiblema mandana, **Hunt Co**, Clymer Prairie Preserve, 29 Jul 2023, AL3, <https://www.inaturalist.org/observations/175996748>

Ethelgodia texanana, **Wise Co**, LBJ Grasslands, 26 Jun 2023, AL3, <https://www.inaturalist.org/observations/177934940>

Olethreutes permundana group, **Liberty Co**, Trinity River NWR, 25 May 2020, SM3, <https://www.inaturalist.org/observations/47534708>, Michael Sabourin believes it could be part of *permundana* group, **STATE RECORD**

Pelochrista notialis, **Williamson Co**, New House of Jack, 7 Jun 2023, JC3, <https://www.inaturalist.org/observations/166119711>

Pelochrista salaciana, **Hidalgo Co**, Mission, 23 Aug 2023, MR2, <https://www.inaturalist.org/observations/196706270>

Pseudexentera knudsoni, **Liberty Co**, Trinity River NWR, 27 May 2023, SM3, <https://www.inaturalist.org/observations/164124676>

Uraniidae:

Antiplecta triangularis, **Williamson Co**, Berry Springs Park and Preserve, 15 May 2023, JC3, <https://www.inaturalist.org/observations/162123816>

Zone 7: Ontario/Quebec

Coordinator Kyle E. Johnson

Contributors: Julien Delisle (JD), Kyle Johnson (KEJ), Alan Macnaughton (AM)

Few reports were received.

Alan Macnaughton reported an impressive suite of new Ontario provincial records, gathered from iNaturalist. Many of these had not been previously reported from Canada, per *Annotated Checklist of the Moths and Butterflies of Canada and Alaska* (Pohl et al. 2018). Southern Ontario lepidopterists are in a good position to add new species to the Canadian fauna, given the plethora of as-of-yet undiscovered species known from adjacent U.S. states.

Julien Delisle reported several interesting records from Ontario and Quebec.

Kyle Johnson continued conducting biodiversity surveys in the Agassiz Clay Plain ecoregion near Lake of the Woods (Rainy River District), focusing on peatlands and lakeshore areas. Many records are likely new “county” records (this is a weakly sampled part of the province) but are not reported as such since historical data are not yet readily available for comparison.

RECORDS:

Ontario:

Argyresthiidae:

Argyresthia pygmaeella, **Kenora Co**, Martin Peatlands, 23 Jul 2023, KEJ

Blastobasidae:

Holcocera immaculella, **Rainy River Co**, Spruce Islands Peatland, 13 Jun 2023, KEJ

Hypatopa vestaliella, **Durham Co**, Thickson’s Woods, near Oshawa, 17 Jul 2016, AM, leg. Michael King, **PROVINCIAL RECORD**

Coleophoridae:

Coleophora ledi, **Rainy River Co**, Spruce Islands Peatland, 13 Jun 2023, KEJ, common in UV trap, spring fen channel

Cosmopterigidae:

Eteobalea wyattella, **Kawartha Lakes Co**, Carden Alvar Natural Area, near Carden, 25 Oct 2022, AM, leg. Michael Oldham, **PROVINCIAL RECORD**

Crambidae:

Crambus alienellus, Rainy River Co, Nym Lake Peatlands, 23 Jul 2023, KEJ, flushed during day

Crambus lyonsellus, **Kenora Co**, Martin Peatlands, 23-24 Jul 2023, KEJ, UV trap and flushed during day

Desmia maculalis, **Rainy River Co**, Spruce Islands Peatland, 13 Jun 2023, KEJ

Mecyna submedialis, **Bruce Co**, near Bruce Peninsula NP, 6 Jul 2023, AM, leg. Anonymous iNaturalist user, first iNaturalist record from ON

Depressariidae:

Psilocorsis reflexella, **Rainy River Co**, Spruce Islands Peatland, 13 Jun 2023, KEJ

Erebidae:

Cissusa spadix, **Waterloo Co**, St. Agatha, 15 Apr 2023, AM

Gynaephora rossii, **Kenora Co**, Kenora, unorganized, 21 Aug 2023, AM, leg. Keeva Fitzpatrick, **PROVINCIAL RECORD**, extreme southern range extension

Hyphenodes palustris, Rainy River Co, Nym Lake Peatlands, 23 Jul 2023, KEJ

Virbia lamae, **Kenora Co**, Martin Peatlands, 24 Jul 2023, KEJ

Virbia lamae, **Thunder Bay Co**, Stetham Lake Lowlands, 23 Jul 2023, KEJ

Gelechiidae:

Arcutelfusa talladega, **Nipissing Co**, Algonquin Provincial Park, 18 Jun 2023, AM, leg. Henrique Pacheco, **PROVINCIAL RECORD**

Geometridae:

Carsia sororiata, Kenora Co, Martin Peatlands, 24 Jul 2023, KEJ, common during day

Carsia sororiata, **Rainy River Co**, Nickel Lake Bog, 23 Jul 2023, KEJ

Cepphis decoloraria, **Bruce Co**, near Port Elgin, 11 Jun 2023, AM

Digrammia denticulata, Ottawa Co, Golden Line Road, 14 May 2023, JD, diurnal

Epirrhoe sperryi, Ottawa Co, Golden Line Road, 21 May 2022, JD, diurnal, seldom reported species

Eupithecia indistincta, **Oxford Co**, Gobles Rd, Blandford-Blenheim, 15 Jun 2023, AM, leg. iNaturalist ID “whrenwraith”, **PROVINCIAL RECORD**

Iridopsis defectoria, **Essex Co**, Cedar Creek Conservation Area, near Kingsville, 7 Aug 2022, AM

Macaria brunneata, **Rainy River Co**, Spruce Islands Peatland, 13 Jun 2023, KEJ

Macaria sulphurea, Kenora Co, Martin Peatlands, 24 Jul 2023, KEJ, abundant during day

Gracillariidae:

Phyllonorycter obscuricostella, **Peel Co**, Forks of the Credit Provincial Park, near Caledon, 22 Sep 2023, AM, leg. John Klymko, **PROVINCIAL RECORD and CANADA RECORD**

Hepialidae:

Gazoryctra novigannus, **Thunder Bay Co**, Terrace Bay, 28 Aug 2022, AM, leg. Kathy Whitton, first record on iNaturalist from ON

Hesperiidae:

Euphyes dukesi, Middlesex Co, Dogwood Rd, Newsbury, 23 Jul 2022, JD, northern range limit

Lasiocampidae:

Heteropacha rileyana, **Essex Co**, Huron Church Line Rd, 12 May 2023, AM, leg. Mark Nenadov, first record on iNaturalist from ON

Lycaenidae:

Callophrys gryneus, Lennox and Addington Co, Odessa, 14 May-5 Aug 2023, JD, second brood abundant

Strymon melinus, Ottawa Co, Golden Line Rd, 14 May 2023, JD

Tharsalea dorcas, Kenora Co, Martin Peatlands, 24 Jul 2023, KEJ

Tharsalea dorcas, Thunder Bay Co, Stetham Lake Lowlands, 23 Jul 2023, KEJ

Tharsalea epixanthe, Kenora Co, Martin Peatlands, 24 Jul 2023, KEJ

Tharsalea epixanthe, Thunder Bay Co, Raith Creek Bog, 23 Jul 2023, KEJ

Momphidae:

Mompha conturbatella, **Cochrane Co**, Fraserdale, 27 Jul 2020, AM, leg. David Beadle, **PROVINCIAL RECORD**

Nepticulidae:

Stigmella villosella, **Durham Co**, Oshawa, 3 Sep 2021, AM, leg. Peter Kikic, **PROVINCIAL RECORD**

Noctuidae:

Apamea sordens, **Rainy River Co**, Spruce Islands Peatland, 13 Jun 2023, KEJ

Dichagyrsi acclivis, **Waterloo Co**, Sudden Regional Forest Tract, near Cambridge, 4 Aug 2023, AM

Hemipachnobia monochromateia, **Rainy River Co**, Cranberry Peatlands, 13 Jun 2023, KEJ

Lasionycta taigata, **Rainy River Co**, Spruce Islands Peatland, 13 Jun 2023, KEJ, UV trap, spring fen channels

Orthosia segregata, Ottawa Co, Dunrobin, 21 Apr 2023, JD

Polia propodea, **Rainy River Co**, Spruce Islands Peatland, 13 Jun 2023, KEJ, UV trap, spring fen channels

Syngrapha selecta, **Kenora Co**, Martin Peatlands, 23 Jul 2023, KEJ, 2 in UV trap

Xestia oblata, **Kenora Co**, Martin Peatlands, 23 Jul 2023, KEJ

Notodontidae:

Clostera brucei, **Thunder Bay Co**, near Longlac, 17 Jul 2020, AM, leg. David Geale, first record on iNaturalist from ON

Nymphalidae:

Boloria chariclea grandis, Kenora Co, Martin Peatlands, 24 Jul 2023, KEJ

Boloria chariclea grandis, Thunder Bay Co, Stetham Lake Lowlands, 23 Jul 2023, KEJ, fresh males

Cercyonis pegala, Thunder Bay Co, Stetham Lake Lowlands, 23 Jul 2023, KEJ

Oeneis jutta, Rainy River Co, Cranberry Peatlands, 13 Jun 2023, KEJ

Oecophoridae:

Decantha stecia, **Lennox and Addington Co**, near East Hungerford, 27 Jul 2022, AM, leg. iNaturalist ID "naturerobinson", **PROVINCIAL RECORD** and **CANADA RECORD**

Pterophoridae:

Hellinsia homodactylus, **Rainy River Co**, Spruce Islands Peatland, 13 Jun 2023, KEJ

Pyalidae:

Acrobasis vaccinii, **Rainy River Co**, Spruce Islands Peatland, 13 Jun 2023, KEJ

Sesiidae:

Sesia spartani, **Hastings Co**, near Madoc, 14 Jul 2022, AM, leg. Samuel Brinker, **PROVINCIAL RECORD**

Synanthedon sigmoidea, **Peterborough Co**, near Bancroft, 23 Aug 2023, AM, leg. Donald Sutherland, **PROVINCIAL RECORD**

Sphingidae:

Erinnyis obscura, **Lambton Co**, Canatara Park, Point Edward, 4 Oct 2023, AM, leg. Paul Carter, Darrell Parsons, and iNaturalist ID "sapayoa", first record on iNaturalist from ON

Tineidae:

Niditinea orleansella, **Rainy River Co**, Spruce Islands Peatland, 13 Jun 2023, KEJ

Niditinea sabroskyi, **Toronto Co**, Yarmouth Gardens, Toronto, 25 May 2016, AM, leg. David Beadle, **PROVINCIAL RECORD** and **CANADA RECORD**

Tischeriidae:

Astrotischeria astericola, **Norfolk Co**, near St. Williams, 10 Sep 2023, AM, leg. Eric Giles, **PROVINCIAL RECORD**

Coptotriche agrimoniella, **Peel Co**, Forks of the Credit Provincial Park, near Caledon, 22 Sep 2023, AM, leg. John Klymko, **PROVINCIAL RECORD** and **CANADA RECORD**

Tortricidae:

Acleris obtusana, **Bruce Co**, Bury Rd, near Cape Chin, 22 Sep 2023, AM, leg. David Beadle, **PROVINCIAL RECORD** and **CANADA RECORD**

Aethes rana, **Norfolk Co**, near St. Williams, 5 Aug 2023, AM, leg. Eric Giles, **PROVINCIAL RECORD** and **CANADA RECORD**

Ancylis tineana, Rainy River Co, Spruce Islands Peatland, 13 Jun 2023, KEJ

Archips mortuana, **Rainy River Co**, Nym Lake Peatlands, 23 Jul 2023, KEJ

Archips magnoliana, **Norfolk Co**, near St. Williams, 27 Jun 2023, AM, leg. Eric Giles and David Okines, **PROVINCIAL RECORD** and **CANADA RECORD**

Cagiva cephalanthana, **Norfolk Co**, near St. Williams, 29 Jul 2021, AM, leg. Eric Giles, **PROVINCIAL RECORD** and **CANADA RECORD**

Epiblema fulminana, **Toronto Co**, High Park, Toronto, 25 Jul 2023, AM, leg. Gary Yankech, **PROVINCIAL RECORD** and **CANADA RECORD**

Epiblema infelix, **Norfolk Co**, near St. Williams, 11 Jun 2020, AM, leg. Eric Giles, **PROVINCIAL RECORD** and **CANADA RECORD**

Epinotia arctostaphylana, **Bruce Co**, near Bruce Peninsula NP, 17 Sep 2021, AM, leg. Michael Butler, **PROVINCIAL RECORD**

Olethreutes sordidana, **Rainy River Co**, Nickel Lake Bog, 23 Jul 2023, KEJ

Olethreutes brevirostratum, **Bruce Co**, near Bruce Peninsula NP, 12 Jul 2021, AM, leg. Michael Butler, **PROVINCIAL RECORD**

Phtheochroa fulvificana, **Cochrane Co**, Detour Lake Mine Rd, near Smooth Rock Falls, 9 Jul 2021, AM, leg. David Beadle and Michael King, **PROVINCIAL RECORD**

Quebec:

Erebidae:

Gynaephora rossii, Nord-du-Québec Co, Baie James Rd, km 540, 1 Jul 2018, JD, diurnal

Gynaephora rossii, Nord-du-Québec Co, Long Point (James Bay), 1 Jul 2020, JD, diurnal

Noctuidae:

Acronicta lanceolaria, Outaouais Co, Réserve Faunique de la Vérendrye, near Le Domaine, 10 Jun 2023, JD, sandy soil pine forest

Anarta famhami, Nord-du-Québec Co, Long Point (James Bay), 6 Jul 2020, JD, seldom reported in the east

Euxoa chimoensis, Nord-du-Québec Co, Long Point (James Bay), 14 Jul 2014, JD, leg. Olivier Tessier

Lithophane lepida, Outaouais Co, Réserve Faunique de la Vérendrye, near Le Domaine, 22 Sep 2023, JD, sandy soil pine forest

Psychomorpha epimenis, Outaouais Co, Lac Leamy, Gatineau, 2-14 May 2021, JD

Pieridae:

Colias gigantea, Nord-du-Québec Co, Long Point (James Bay), 12 Jul 2021, JD, also Olivier Tessier, 20+ in bog

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

Coordinator: Eric P. Olson

Contributors: Steven C. Bransky (SCB), Ethan Brown (EBR), Marilyn & Kerry Carter (MC3), Les Ferge (LAF), David Grosshuesch (DG1), Kyle Johnson (KEJ), David MacLean (DBM), Scott MacLean (SM4), Jim & Pat Saunders (JPS), Allison Snopek-Barta (ASB), Robin Snopek Gosa (RSG), Pat Thompson (PT1)

The complete Zone 8 report this year includes 1545 records from Wisconsin, Minnesota, Michigan, Illinois and Indiana. Although State and County records are not always apparent, there are several noted herein. Further, as our online datasets grow, I am delighted to report 69 of these records had not yet been reported for a State in either SCAN or iNaturalist as of their observation date, and 842 for their County. In some cases, these records have existed “offline,” but upon submission to SCAN via the Season Summary they will add significantly to the online research available for Zone 8. Congrats to the contributors.

Kyle Johnson sent this report:

KEJ conducted Lepidoptera surveys for a variety of projects, from the Minnesota Biological Survey (resulting in a large number of unique records from southwestern counties) to the USFS, Ridges Sanctuary, and WI-DNR in northeast and central Wisconsin. A large portion of northern Minnesota records are not yet ready for reporting.

Mid-winter was unusually mild with patchy snow in northeast Wisconsin, with multiple *Homoglaea hircina* were flying on February 13 in Oconto County. Heavy snow in March and April, however, resulted in a delayed spring. This changed rapidly from late May to early June, when extremely warm temperatures pushed the season ahead of normal, with species like *Boloria frigga* experiencing extremely short flight windows, especially in northwestern Minnesota. Smoke haze from Canadian wildfires made diurnal surveys challenging at times. Warm, midsummer nights in northern Minnesota and northeast Wisconsin resulted in diverse catches, with some nights over 200 species. Late summer was unusually dry, particularly in southwestern Minnesota. Fall conditions were drier and milder than average; poor numbers of overwintering fauna (particularly *Lithophane* and *Eupsilia*) were noted in Wisconsin and Michigan.

Allison Snopek-Barta of Cook County, Minnesota’s report included:

Allison found several species for the first time in her area after her surveys from over 13 years of work in particular in the area including Cass County, MN and several surrounding counties. These were: *Euchloe ausonides*, *Callophrys henrici*, and *Asterocampa celtis*. She noted many species were abundant, but that several species had lower populations this year including: *Papilio canadensis*, *Satyrus acadica*, *Lethe anthedon*, *Euphydryas phaeton*, *Celastrina ladon*, *Pieris oleracea*, *Boloria bellona*, and *Megisto cymela*.



Carterocephalus mandan, Cook Co, MN, Allison Snopek-Barta



Feniseca tarquinius, Cass Co, MI, Allison Snopek-Barta

John Schwartz sent this report from Illinois:

I am not submitting the Season Summary spreadsheet this year because I have virtually nothing positive to report. Lepidopteran numbers were down this past year, across-the-board in my area of Northern Illinois, except for the last two weeks of August. When I visited the Nachusa Grasslands site where in 2020/21 I was treated to the sight of dozens of *A. idalia*, this year, like last year, I saw none. The on-site staff at that location assured me that there were some to be seen nearby but in fact, I saw none in July or August.

Heraclides cresphontes, abundant in August at Burnidge forest preserve near Elgin in Kane County from 2014 to

2021, was entirely absent. Its host plants, prickly ash, and wafer ash, both grow in this forest preserve, and both were bulldozed and destroyed in the course of the “natural enhancement” program going on there. The plants have returned this summer, and *P. glaucus* larvae fed on them but there were no Giant Swallowtails to be seen.

Although I attracted wild males to caged female *Cecropia* and *Polyphemus*, *C. promethea* females attracted no males at all in 2023. When I think of how common they once were, this is catastrophic enough.

My impression was Monarch numbers down from the last two years but there were always around. Fritillaries have been basically eradicated from this area.

David MacLean sent this report from Minnesota:

2023 LEPIDOPTERA SUMMARY INCLUDING COOK, PINE, ST LOUIS, LAKE AND BLUE EARTH COUNTIES, MINNESOTA
Snow depth maps in March 2023 showed elevated areas of the Minnesota Arrowhead had at least four feet of snow and the final snow depth map of April 27 showed that 20 inches or more of heavy snow remained along the higher elevations north of Lake Superior (<https://www.dnr.state.mn.us/climate/snowmap/snow-depth-map-april-27-2023.html>). Drifts several feet deep were still present in mid-May throughout the higher elevations of Cook County. After one of the snowiest winters in Minnesota history (Duluth set a record of 140”) and spring run-off, much of Minnesota entered a statewide drought by late May. By early September, the U. S. Drought Monitor map showed 15% of the state in the abnormally dry category, 30% in the moderate drought category, 39% in the severe drought category, 15% in the extreme drought category and 1% in the exceptional drought category.

How much if anything these weather conditions had on the 2023 butterfly/moth season is debatable, but area contributors reported seeing fewer butterflies and moths than in recent years. Skippers were generally less common except for large numbers of *Thymelicus lineola* recorded at the Cook County and Plouff Creek butterfly counts. Bonnie Schudy reported seeing large numbers of Canadian Tigers along the upper Gunflint Trail (CR 12) on June 2. David MacLean recorded *Papilio canadensis* at 9 Cook County sites on 28 dates from June 1 to July 21. On May 2, Scott MacLean recorded *Papilio glaucus* in Mankato (Blue Earth County).

For the sixth year in a row, the Large Marble, *Euchloe ausonides*, and its host plant Tower Mustard, *Arabis glabra*, were scarce or absent from the upper Gunflint Trail (CR 12) where both had previously been observed in mid to late May from 2000 to 2017. The decline of *E. ausonides* along the Upper Gunflint Trail is directly related to the decline of Tower Mustard, the cause of which is not clear. David MacLean recorded a total of 13 sightings of *Pontia occidentalis*, the Western White, on August 1, 4 and 8 from five different Cook County sites. Dan Bauman photographed two Western Whites near Aspen Lake on August 11 and Marilyn and Kerry Carter photographed one from West Duluth on August 12 and another at Island Lake, north of Duluth, St. Louis Co. on August 13. Whites were common in Cook County during August, some of which likely were *occidentalis* as in flight they are difficult to differentiate from *Pieris rapae* and *P. napi*. 2023 was the first year since 2011 that *Pontia occidentalis* has been reported from northeast Minnesota. *Colias interior* was locally common but *Colias eurytheme* was not recorded in 2023 and *Colias philodice* only once near Lutsen (Cook County) in mid-September.

The few Elfins reported in 2023 was likely due to the presence on snow after mid-May along roadside habitats frequented by *Callophrys augustinus*, *polios*, *eryphon* and *niphon*. *Tharsalea dorcas* and *T. helloides* were both recorded at the McNair Butterfly count in Lake County and *dorcas* at the Plouff Creek count in Cook County. *Celastrina ladon* was recorded at seven sites from early May to mid-July but numbers were lower than most years. David Grosshuesch, Jim and Pat Sanders and others recorded 67 Northern Blues, *Lycaeides idas nabokovi*, at the Cook County butterfly count and 771 at the Plouff Creek count, site of the USFS Dwarf Bilberry and Northern Blues restoration project.

Euptoieta claudia, a rare stray in northeast Minnesota, was photographed and recorded at the Plouff Creek butterfly count, the first Cook County record of the Variegated Fritillary. For the second year in a row, Greater Fritillaries were uncommon with *Argynnis atlantis* the only species recorded. David MacLean recorded a similar

population decline from 2005 – 2008 when the population of *A. atlantis*, common to abundant in the late 1990s and early 2000s, dropped to very low numbers before recovering. It will be interesting to see if the *Argynnis* population rebounds as it did in the late 2000s. *Polygonia faunus* was recorded from early May to mid-August but was generally uncommon. A single *P. progne* was photographed and recorded at the McNair butterfly count. *Nymphalis antiopa* and *N. l-album* were recorded at many sites but most populations were lower than previous years. *Vanessa atalanta* was recorded in June at two sites and also in late July. *Vanessa virginiensis* was recorded from late May to July 21 and a single *V. cardui* was recorded at Plouff Creek on July 10. Pat Thomas of Duluth reported seeing Red Admirals plus American and Painted Ladies up to September 10. *Phyciodes coccyta* was widely recorded but numbers were low. A single *P. batesi* was recorded at the McNair count. *Limenitis arthemis arthemis* was common and recorded at many sites. Scott MacLean reported on June 17 that *Asterocampa celtis* was common at Whitewater State Park in Winona County. On July 19, Jim and Pat Sanders, David Grosshuesch and five others recorded two very local and uncommon butterflies at the McNair site (Lake County), the eyed-Brown, *Lethe eurydice* and the *L. appalachia*. *L. appalachia* was also recorded at McNair in 2022. *Lethe anthedon* was locally common in 2023, more so than in recent years.

Monarchs were reported more often in 2023 than in 2022. Jim and Pat Sanders of Duluth reported *Danaus plexippus* on May 23 and throughout the summer plus numerous late instar larvae on *Asclepias syriaca*. David MacLean recorded Monarchs at nine Cook County sites on 25 dates from May 27 to September 14. Dan Baumann reported large numbers of mature Monarch larvae on common milkweed on July 15 and emerging adults on August 5, at his home at Aspen Lake, Cook County.

In 2022, More than 100,000 male spongy moths, *Lymantria dispar*, were caught in pheromone traps, eight times the number in 2021. Most were from Lake and Cook counties https://www.fs.usda.gov/foresthealth/docs/fhh/MN_FHH_2022.pdf. In 2023 David MacLean noted an increased number of *L. dispar* attracted to black light and seen flying during the day in August and early September. Increased numbers of Spruce Budworm, *Choristoneura fumiferana* were reported due to the current outbreak of spruce budworm in northern St. Louis, Lake, and Cook counties. The outbreak will, no doubt be higher in 2024.

Betty Hemstad reported seeing fewer moths in 2023 than 2022. Giant silk moths were scarce in 2023 with observers reporting only four lunas and two Polyphemus from Cook County. David MacLean recorded eight species of Sphingidae including two *Hyles galli* and a third specimen of *Acronicta quadrata*, an uncommon species that occurs in a narrow band across the Upper Midwest. A noctuid collected at the East end of Devil Track Lake and tentatively identified as *Euxoa scandens* could be a new Cook County record and a photo taken by Scott MacLean of *Eurois occulta* is likely a new Blue Earth County record.



Euptoieta claudia, Cook Co., MI, Plouff Creek, County record, Jim & Pat Sanders, David Grossshuesch



Pontia occidentalis, Cook Co, MN, Walter Rd., David MacLean

RECORDS:

Illinois:

Erebidae:

Zale galbanata, **Winnebago Co**, Mary Sackett Prairie, 9 May 2023, KEJ

Eriocraniidae:

Dyseriocrania griseocapitella, **Winnebago Co**, Mary Sackett Prairie, 9 May 2023, KEJ

Geometridae:

Nemoria bistriaria, **Winnebago Co**, Mary Sackett Prairie, 9 May 2023, KEJ

Plagodis fervedaria, **Winnebago Co**, Mary Sackett Prairie, 9 May 2023, KEJ

Gracillariidae:

Caloptilia belfragella, **Winnebago Co**, Mary Sackett Prairie, 9 May 2023, KEJ

Noctuidae:

Anteraetria teratophora, **Winnebago Co**, Mary Sackett Prairie, 9 May 2023, KEJ

Chrysanympa formosa, **Carroll Co**, 7 mi N of Savanna, Airhart Rd, 42.194N 90.196W, 12 Jul 2023, EBR, collected at MV/UV sheet, reported on iNaturalist, **STATE RECORD**

Elaphria grata, **Winnebago Co**, Mary Sackett Prairie, 9 May 2023, KEJ

Leucania amygdalina, **Winnebago Co**, Mary Sackett Prairie, 9 May 2023, KEJ

Notodontidae:

Furcula borealis, **Winnebago Co**, Mary Sackett Prairie, 9 May 2023, KEJ

Pyalidae:

Zophodia grossulariella, **Winnebago Co**, Mary Sackett Prairie, 9 May 2023, KEJ

Sesiidae:

Paranthrene tabaniformis, **Lake Co**, Mollys Pond, Grayslake, 28 Jun 2023, SCB

Pennisetia marginatum, **Lake Co**, Mollys Pond, Grayslake, 3 Jul 2023, SCB

Synanthedon fatifera, **Lake Co**, Mollys Pond, Grayslake, 28 Jun-3 Jul 2023, SCB

Synanthedon pictipes, **Lake Co**, Mollys Pond, Grayslake, 21-30 Jun 2023, SCB

Synanthedon scitula, **Lake Co**, Mollys Pond, Grayslake, 28 Jun-3 Jul 2023, SCB

Tortricidae:

Endothenia hebesana, **Winnebago Co**, Mary Sackett Prairie, 9 May 2023, KEJ

Grapholita eclipsana, **Winnebago Co**, Mary Sackett Prairie, 9 May 2023, KEJ

Indiana:

Drepanidae:

Pseudothyatira cymatophoroides, **Porter Co**, Sunset Hill Farm County Park, Valparaiso, 9 Sep 2023, SCB

Erebidae:

Catocala obscura, **Porter Co**, Sunset Hill Farm County Park, Valparaiso, 9 Sep 2023, SCB

Sesiidae:

Synanthedon pictipes, **Porter Co**, Sunset Hill Farm County Park, Valparaiso, 28 Jul 2023, SCB

Synanthedon rileyana, **Porter Co**, Sunset Hill Farm County Park, Valparaiso, 26 Jul 2023, SCB

Michigan:

Crambidae:

Elophila gyralis, **Berrien Co**, Grand Mere SP, Stevensville, 27 Jul 2023, SCB

Herpetogramma bipunctalis, **Mason Co**, Ludington SP, 15 Sep 2023, KEJ

Herpetogramma bipunctalis, **Mason Co**, Ludington SP, 15 Sep 2023, SCB

Herpetogramma bipunctalis, **Ontonagon Co**, Ontonagon, 4 Oct 2023, KEJ

Hymenia perspectalis, **Ontonagon Co**, Ontonagon, 3 Oct 2023, KEJ

Loxocrambus awemensis, **Berrien Co**, Grand Mere SP, Stevensville, 27 Jul 2023, SCB, few records in state

Paraponyx maculalis, **Berrien Co**, Grand Mere SP, Stevensville, 27 Jul 2023, SCB

Patania silicalis, **Ontonagon Co**, Ontonagon, 4 Oct 2023, KEJ

Pilocrocis ramentalis, **Ontonagon Co**, Ontonagon, 2-4 Oct 2023, KEJ

Stiochroa palealis, **Berrien Co**, Grand Mere SP, Stevensville, 23 Jul 2023, SCB

Spoladea recurvalis, **Ontonagon Co**, Porcupine Mountains, Union Bay, 3 Oct 2023, KEJ

Thaumatopsis pectinifer, **Berrien Co**, Grand Mere SP, Stevensville, 23-27 Jul 2023, SCB

Thaumatopsis pectinifer, **Mason Co**, Ludington SP, 15 Sep 2023, KEJ, on dunes

Erebidae:

Catocala alabamiae, **Berrien Co**, Grand Mere SP, Stevensville, 27 Jul 2023, SCB

Catocala briseis, **Mason Co**, Ludington SP, 15 Sep 2023, SCB

Catocala ilia, **Berrien Co**, Grand Mere SP, Stevensville, 23 Jul 2023, SCB
Catocala parta, **Ontonagon Co**, Ontonagon, 2 Oct 2023, KEJ
Catocala similis, **Berrien Co**, Grand Mere SP, Stevensville, 23 Jul 2023, SCB
Hypena eductalis, **Berrien Co**, Grand Mere SP, Stevensville, 23 Jul 2023, SCB
Palthis asopialis, **Newaygo Co**, Manistee NF at 8mi Rd & Croswell Ave, 18 Sep 2023, SCB
Panopoda rufimargo, **Berrien Co**, Grand Mere SP, Stevensville, 23 Jul 2023, SCB
Zale lunata, **Ontonagon Co**, Ontonagon, 4 Oct 2023, KEJ

Gelechiidae:

Aristotelia roseosuffusella, **Ontonagon Co**, Porcupine Mountains, Union Bay, 3 Oct 2023, KEJ
Chionodes franclemonti, **Mason Co**, Ludington SP, 15 Sep 2023, KEJ, on dunes

Geometridae:

Cinglia catenaria, **Newaygo Co**, Manistee NF at 8mi Rd & Croswell Ave, 18 Sep 2023, SCB
Epimecis hortaria, **Berrien Co**, Grand Mere SP, Stevensville, 23 Jul 2023, SCB, late record
Heliomata cycladata, **Mason Co**, Ludington SP, 15 Sep 2023, SCB
Macaria masquerata, **Berrien Co**, Grand Mere SP, Stevensville, 23 Jul 2023, SCB
Plagodis fervidaria, **Berrien Co**, Grand Mere SP, Stevensville, 23 Jul 2023, SCB
Rheumaptera prunivorata, **Berrien Co**, Grand Mere SP, Stevensville, 27 Jul 2023, SCB
Scopula ancillata, **Mason Co**, Ludington SP, 15 Sep 2023, KEJ, on dunes

Gracillariidae:

Cremastobombycia solidaginis, **Mason Co**, Ludington SP, 15 Sep 2023, KEJ

Limacodidae:

Isa textula, **Berrien Co**, Grand Mere SP, Stevensville, 27 Jul 2023, SCB

Lycaenidae:

Lycaena hypophlaeas, **Ontonagon Co**, Ontonagon, 3 Oct 2023, KEJ, unusually late date

Noctuidae:

Abagrotis alternata, **Berrien Co**, Grand Mere SP, Stevensville, 23 Jul 2023, SCB
Abagrotis alternata, **Newaygo Co**, Manistee NF at 8mi Rd & Croswell Ave, 18 Sep 2023, SCB
Abagrotis orbis, **Mason Co**, Ludington SP, 15 Sep 2023, KEJ, on dunes
Acronicta afflicta, **Mason Co**, Ludington SP, 15 Sep 2023, KEJ, unusually late record
Acronicta ovata, **Berrien Co**, Grand Mere SP, Stevensville, 23-27 Jul 2023, SCB
Amyna stricta, **Berrien Co**, Grand Mere SP, Stevensville, 27 Jul 2023, SCB
Autographa californica, **Mason Co**, Ludington SP, 16 Sep 2023, KEJ
Autographa californica, **Mason Co**, Ludington SP, 15 Sep 2023, SCB
Autographa californica, **Ontonagon Co**, Ontonagon, 4 Oct 2023, KEJ
Cosmia calami, **Berrien Co**, Grand Mere SP, Stevensville, 23 Jul 2023, SCB
Ctenoplusia oxygramma, **Ontonagon Co**, Porcupine Mountains, Union Bay, 3 Oct 2023, KEJ
Dargida rubripennis, **Berrien Co**, Grand Mere SP, Stevensville, 27 Jul 2023, SCB
Elaphria grata, **Berrien Co**, Grand Mere SP, Stevensville, 27 Jul 2023, SCB
Eucirroedia pampina, **Newaygo Co**, Manistee NF at 8mi Rd & Croswell Ave, 18 Sep 2023, SCB
Eucirroedia pampina, **Ontonagon Co**, Ontonagon, 3 Oct 2023, KEJ
Eucrotopocnemis fimbriaris, **Mason Co**, Ludington SP, 15 Sep 2023, KEJ, on dunes
Eucrotopocnemis fimbriaris, **Mason Co**, Ludington SP, 15 Sep 2023, SCB
Euxoa albipennis, **Mason Co**, Ludington SP, 15 Sep 2023, KEJ, on dunes
Euxoa manitobana, **Berrien Co**, Grand Mere SP, Stevensville, 27 Jul 2023, SCB
Euxoa perpolita, **Mason Co**, Ludington SP, 15 Sep 2023, KEJ, on dunes
Euxoa perpolita, **Mason Co**, Ludington SP, 15 Sep 2023, SCB
Globia oblonga, **Berrien Co**, Grand Mere SP, Stevensville, 23 Jul 2023, SCB
Harrisimemna trisignata, **Berrien Co**, Grand Mere SP, Stevensville, 23 Jul 2023, SCB
Helotropha reniformis, **Newaygo Co**, Manistee NF at 8mi Rd & Croswell Ave, 18 Sep 2023, SCB
Homophoberia apicosa, **Berrien Co**, Grand Mere SP, Stevensville, 27 Jul 2023, SCB
Homophoberia cristata, **Berrien Co**, Grand Mere SP, Stevensville, 27 Jul 2023, SCB
Laterologia ophiogramma, **Berrien Co**, Grand Mere SP, Stevensville, 23 Jul 2023, SCB
Lemmeria digitalis, **Ontonagon Co**, Porcupine Mountains, Lost Creek, 28 Sep 2023, KEJ
Leucania phragmitidicola, **Ontonagon Co**, Ontonagon, 2 Oct 2023, KEJ, unusually late date
Lithophane bethunei, **Mason Co**, Ludington SP, 16 Sep 2023, KEJ
Lithophane laticinerea, **Ontonagon Co**, Ontonagon, 3 Oct 2023, KEJ
Macronoctua onusta, **Ontonagon Co**, Ontonagon, 2 Oct 2023, KEJ
Oligia modica, **Ontonagon Co**, Porcupine Mountains, Union Bay, 3 Oct 2023, KEJ
Papaipema eupatorii, **Mason Co**, Ludington SP, 15 Sep 2023, SCB
Papaipema inquaesita, **Ontonagon Co**, Porcupine Mountains, Union Bay, 3 Oct 2023, KEJ
Papaipema nebris, **Mason Co**, Ludington SP, 16 Sep 2023, KEJ
Papaipema pterisii, **Newaygo Co**, Manistee NF at 8mi Rd & Croswell Ave, 18 Sep 2023, SCB
Papaipema pterisii, **Ontonagon Co**, Ontonagon, 2 Oct 2023, KEJ
Papaipema speciosissima, **Newaygo Co**, Benton Lake, 17 Sep 2023, KEJ
Platypolia mactata, **Ontonagon Co**, Porcupine Mountains, Lost Creek, 28 Sep 2023, KEJ
Rachiplusia ou, **Ontonagon Co**, Porcupine Mountains, Union Bay, 3 Oct 2023, KEJ

Nolidae:

Nycteola metaspilella, **Mason Co**, Ludington SP, 15 Sep 2023, KEJ

Notodontidae:

Macrurocampa marthesia, **Berrien Co**, Grand Mere SP, Stevensville, 27 Jul 2023, SCB

Pterophoridae:

Platyptilia carduidactylus, **Mason Co**, Ludington SP, 15 Sep 2023, KEJ

Pyalidae:

Arta statalis, **Berrien Co**, Grand Mere SP, Stevensville, 27 Jul 2023, SCB

Hypsopygia binodulalis, **Berrien Co**, Grand Mere SP, Stevensville, 23 Jul 2023, SCB

Moodna pallidostrinella, **Mason Co**, Ludington SP, 15 Sep 2023, KEJ

Peoria bipartitella, **Mason Co**, Ludington SP, 15 Sep 2023, KEJ, on dunes

Pyla araneola, **Mason Co**, Ludington SP, 15 Sep 2023, KEJ, on dunes

Pyalis farinalis, **Mason Co**, Ludington SP, 15 Sep 2023, KEJ

Saturniidae:

Eacles imperialis, **Berrien Co**, Grand Mere SP, Stevensville, 23 Jul 2023, SCB

Sphingidae:

Darapsa versicolor, **Berrien Co**, Grand Mere SP, Stevensville, 23 Jul 2023, SCB

Manduca sexta, **Berrien Co**, Grand Mere SP, Stevensville, 23 Jul 2023, SCB

Tineidae:

Monopis marginistrigella, **Ontonagon Co**, Ontonagon, 2 Oct 2023, KEJ

Niditinea fuscella, **Berrien Co**, Grand Mere SP, Stevensville, 27 Jul 2023, SCB

Tortricidae:

Acleris bowmanana, **Cass Co**, Dowagiac Woods, 1 Mar 2023, KEJ

Acleris fragariana, **Ontonagon Co**, Ontonagon, 4 Oct 2023, KEJ, few records for state

Acleris nivisellana, **Cass Co**, Dowagiac Woods, 1 Mar 2023, KEJ

Acleris oxycoccana, **Mason Co**, Ludington SP, 15 Sep 2023, KEJ, on dunes

Acleris oxycoccana, **Menominee Co**, Cedar River Bog, 12 Feb 2023, KEJ, actively flying, patchy snow cover

Celypha cespitana, **Mason Co**, Ludington SP, 15 Sep 2023, KEJ

Cenopsis directana, **Berrien Co**, Grand Mere SP, Stevensville, 27 Jul 2023, SCB

Clepsis clemensiana, **Berrien Co**, Grand Mere SP, Stevensville, 23 Jul 2023, SCB

Cydia latiferreana, **Berrien Co**, Grand Mere SP, Stevensville, 27 Jul 2023, SCB

Epinotia radicana, **Mason Co**, Ludington SP, 15 Sep 2023, KEJ

Eucopina tocullionana, **Mason Co**, Ludington SP, 15 Sep 2023, KEJ, unusually late date

Eumarozia malachitana, **Ontonagon Co**, Porcupine Mountains, Union Bay, 3 Oct 2023, KEJ

Olethreutes lacunatum, **Berrien Co**, Grand Mere SP, Stevensville, 23 Jul 2023, SCB

Pelochrista matutina, **Berrien Co**, Grand Mere SP, Stevensville, 27 Jul 2023, SCB

Proteoteras aesculana, **Ontonagon Co**, Porcupine Mountains, Union Bay, 3 Oct 2023, KEJ

Minnesota:

Crambidae:

Chilo plejadellus, **Rock Co**, Blue Mounds SP, 20 Aug 2023, KEJ

Crambus bidens, **Pipestone Co**, Altona WMA, 22 Aug 2023, KEJ

Crambus praefectellus, **Dodge Co**, Hythecker Prairie, 18 Aug 2023, KEJ

Disemiodia janassialis, **Pipestone Co**, Altona WMA, 22 Aug 2023, KEJ, few records in state

Eoreuma crawfordi, **Brown Co**, Cottonwood River Prairie, 19 Aug 2023, KEJ

Eoreuma crawfordi, **Pipestone Co**, Altona WMA, 22 Aug 2023, KEJ

Eoreuma crawfordi, **Rock Co**, Blue Mounds SP, 20 Aug 2023, KEJ

Hahncappia pergivalis, **Lincoln Co**, Hole-in-the-Mountain Prairie, 22 Aug 2023, KEJ

Hahncappia pergivalis, **Pipestone Co**, Altona WMA, 22 Aug 2023, KEJ

Mimoschinia rufofascialis, **Brown Co**, Cottonwood River Prairie, 19 Aug 2023, KEJ

Mimoschinia rufofascialis, **Lincoln Co**, Hole-in-the-Mountain Prairie, 22 Aug 2023, KEJ

Occidentalia comptulatalis, **Brown Co**, Cottonwood River Prairie, 19 Aug 2023, KEJ

Raphiptera argillaceellus, **Pipestone Co**, Altona WMA, 22 Aug 2023, KEJ

Depressariidae:

Depressaria depressana, **Pipestone Co**, Altona WMA, 22 Aug 2023, KEJ

Depressaria depressana, **Rock Co**, Blue Mounds SP, 20 Aug 2023, KEJ

Drepanidae:

Euthyatira pudens, **Winona Co**, Whitewater WMA, 13 Apr 2023, KEJ

Elachistidae:

Elachista orestella, **Pipestone Co**, Altona WMA, 22 Aug 2023, KEJ

Erebidae:

Arctia caja, **Cook Co**, Walter Rd, E end of Devil Track Lake, 21 Jun 2023, DBM

Arctia parthenos, **Cook Co**, Walter Rd, E end of Devil Track Lake, 12 Jul 2023, DBM

Catocala concumbens, **Brown Co**, Cottonwood River Prairie, 19 Aug 2023, KEJ

Catocala nuptialis, **Lincoln Co**, Hole-in-the-Mountain Prairie, 22 Aug 2023, KEJ
Catocala parta, **Brown Co**, Cottonwood River Prairie, 19 Aug 2023, KEJ
Hypena atomaria, **Brown Co**, Cottonwood River Prairie, 19 Aug 2023, KEJ
Orgyia antiqua, Cook Co, Walter Rd, E end of Devil Track Lake, 4 Sep 2023, DBM
Phoberia ingenua, Winona Co, Whitewater WMA, 13 Apr 2023, KEJ, locally common, previously known in MN from single specimen

Eriocraniidae:
Dyseriocrania griseocapitella, **Winona Co**, Whitewater WMA, 13 Apr 2023, KEJ

Gelechiidae:
Aristotelia fungivorella, **Lincoln Co**, Hole-in-the-Mountain Prairie, 22 Aug 2023, KEJ
Polyhymno luteostrigella, **Lincoln Co**, Hole-in-the-Mountain Prairie, 22 Aug 2023, KEJ

Geometridae:
Cleora sublunaria, **Winona Co**, Whitewater WMA, 14 Apr 2023, KEJ, few records in state
Digrammia gnophosaria, **Brown Co**, Cottonwood River Prairie, 19 Aug 2023, KEJ
Digrammia ordinata, **Brown Co**, Cottonwood River Prairie, 19 Aug 2023, KEJ
Eupithecia ravocostaliata, **Winona Co**, Whitewater WMA, 13 Apr 2023, KEJ, few records in state
Macaria pustularia, Cass Co, Oak Point, 9 Jul 2022, ASB, on milkweed blossoms
Palaeocrita merriccata, **Winona Co**, Whitewater WMA, 12 Apr 2023, KEJ
Pero honestaria, **Brown Co**, Cottonwood River Prairie, 19 Aug 2023, KEJ
Scopula junctaria, Cass Co, Oak Point, 3 Jul 2022, ASB, on dogbane

Gracillariidae:
Caloptilia violacella, **Brown Co**, Cottonwood River Prairie, 19 Aug 2023, KEJ
Caloptilia violacella, **Lincoln Co**, Hole-in-the-Mountain Prairie, 21-22 Aug 2023, KEJ
Caloptilia violacella, **Rock Co**, Blue Mounds SP, 20 Aug 2023, KEJ

Heliodinidae:
Embola ionis, **Lincoln Co**, Hole-in-the-Mountain Prairie, 22 Aug 2023, KEJ

Hesperiidae:
Epargyreus clarus, **Waseca Co**, Waseca WMA, 18 Aug 2023, KEJ
Hesperia sassacus, Cass Co, Oak Point, 19 Jun-1 Jul 2022, ASB, feeding on bastard toadflax blossoms
Hylephila phyleus, Waseca Co, Waseca WMA, 18 Aug 2023, KEJ
Thymelicus lineola, Cass Co, Oak Point, 22 Jun-14 Jul 2022, ASB, on any wildflower, hundreds on 6-7 Jul
Thymelicus lineola, Cook Co, FR 304 off CR 12, 21 Jul 2023, DBM, abundant, 100+ seen
Thymelicus lineola, Cook Co, Junco Creek Rd (SFR 665) off Pine Mt Rd (FR 154), 22 Jun-20 Jul 2023, DBM, hundreds estimated on 20 Jul

Lycaenidae:
Celastrina ladon, Cass Co, Oak Point, 15 May-3 Jun 2023, ASB, late flight and very low numbers
Feniseca tarquinius, Cass Co, Oak Point, 13 Aug 2022, ASB, only sighting all year
Feniseca tarquinius, Cass Co, Oak Point, on dead fish, 23 May-12 Jul 2023, ASB, record 12 sightings
Glaucopteryx lygdamus, Cass Co, Oak Point, 28 May-8 Jun 2022, ASB, latest seen in 12 years
Plebejus samuelis, Cass Co, Oak Point, in yard, 25 Jun 2022, ASB, very far north
Satyrus calanus, Hubbard Co, country rd in N part of Co., 15-23 Jul 2022, ASB, huge numbers, counted 80 in 1/4mi stretch
Satyrus liparops, Hubbard Co, Nary Rd, 12 Jul 2022, ASB, on thistle in swamp, 1st seen in 10 years
Tharsalea epixanthe, Cass Co, Oak Point, on edge of swamp, 12 Jul 2022, ASB, 1st sighting in 9 years

Noctuidae:
Acronicta afflicta, **Rock Co**, Blue Mounds SP, 20 Aug 2023, KEJ
Acronicta clarescens, **Brown Co**, Cottonwood River Prairie, 19 Aug 2023, KEJ
Acronicta connecta, **Brown Co**, Joseph A Tauer Prairie, 18 Aug 2023, KEJ
Acronicta quadrata, Cook Co, Walter Rd, E end of Devil Track Lake, 3 Jul 2023, DBM, *quadrata* occurs in a narrow N/S zone across the Upper Midwest, 3rd record from this site
Agnorisma bugrai, **Pipestone Co**, Altona WMA, 22 Aug 2023, KEJ
Agrotis vetusta, **Cook Co**, 76 Walter Rd, E end of Devil Track Lake, 19 Aug 2023, DBM, possible Co record
Anicla tenuescens, **Pipestone Co**, Altona WMA, 22 Aug 2023, KEJ
Apamea burgessi, **Lincoln Co**, Hole-in-the-Mountain Prairie, 21 Aug 2023, KEJ, few records in state
Apamea burgessi, **Rock Co**, Blue Mounds SP, 20 Aug 2023, KEJ, few records in state
Autographa californica, **Brown Co**, Joseph A Tauer Prairie, 18 Aug 2023, KEJ
Autographa californica, **Waseca Co**, Waseca WMA, 18 Aug 2023, KEJ
Chloridea subflexa, **Pipestone Co**, Altona WMA, 22 Aug 2023, KEJ
Chloridea subflexa, **Rock Co**, Blue Mounds SP, 20 Aug 2023, KEJ
Cucullia laetifica, **Pipestone Co**, Altona WMA, 22 Aug 2023, KEJ, **STATE RECORD**
Cucullia speyeri, Cook Co, Walter Rd, E end of Devil Track Lake, 21 Jun 2023, DBM
Cucullia speyeri, **Rock Co**, Blue Mounds SP, 20 Aug 2023, KEJ
Dichagyris grotei, **Lincoln Co**, Hole-in-the-Mountain Prairie, 22 Aug 2023, KEJ
Enargia infumata, **Rock Co**, Blue Mounds SP, 20 Aug 2023, KEJ
Eremobina claudens, Cook Co, Walter Rd, E end of Devil Track Lake, 21 Sep 2023, DBM, few records in state
Eupsilia schweitzeri, **Winona Co**, Whitewater WMA, 13 Apr 2023, KEJ
Euxoa auxiliaris, Winona Co, Whitewater WMA, 12 Apr 2023, KEJ, unusually early record
Euxoa scandens, **Blue Earth Co**, Haynes St. Mankato, 30 Jul 2023, SM4, photo, possible county record
Feralia major, **Winona Co**, Whitewater WMA, 12 Apr 2023, KEJ

Globia oblonga, **Brown Co**, Cottonwood River Prairie, 19 Aug 2023, KEJ
Globia subflava, **Brown Co**, Cottonwood River Prairie, 19 Aug 2023, KEJ
Hemieuxoa rudens, **Winona Co**, Whitewater WMA, 12 Apr 2023, KEJ, **STATE RECORD**
Hydraecia immanis, **Brown Co**, Cottonwood River Prairie, 19 Aug 2023, KEJ
Hydraecia perobliqua, **Brown Co**, Cottonwood River Prairie, 19 Aug 2023, KEJ
Hydraecia perobliqua, **Lincoln Co**, Hole-in-the-Mountain Prairie, 22 Aug 2023, KEJ
Hydraecia stramentosa, **Brown Co**, Cottonwood River Prairie, 19 Aug 2023, KEJ
Hydraecia stramentosa, **Rock Co**, Blue Mounds SP, 20 Aug 2023, KEJ
Lithomoia germana, Cook Co, Walter Rd, E end of Devil Track Lake, 12 May 2023, DBM
Lithophane franclemonti, **Winona Co**, Whitewater WMA, 12 Apr 2023, KEJ
Megalographa biloba, **Winona Co**, Whitewater WMA, 12 Apr 2023, KEJ
Melanchra picta, **Pipestone Co**, Altona WMA, 22 Aug 2023, KEJ
Meropleon ambifusca, **Brown Co**, Cottonwood River Prairie, 19 Aug 2023, KEJ
Meropleon ambifusca, **Rock Co**, Blue Mounds SP, 20 Aug 2023, KEJ
Meropleon diversicolor, **Brown Co**, Joseph A Tauer Prairie, 18 Aug 2023, KEJ
Papaipema lysimachiae, **Lincoln Co**, Hole-in-the-Mountain Prairie, 21-22 Aug 2023, KEJ
Papaipema lysimachiae, **Pipestone Co**, Altona WMA, 22 Aug 2023, KEJ
Papaipema lysimachiae, **Rock Co**, Blue Mounds SP, 20 Aug 2023, KEJ
Papaipema nelita, **Brown Co**, Cottonwood River Prairie, 19 Aug 2023, KEJ
Papaipema rigida, **Pipestone Co**, Altona WMA, 22 Aug 2023, KEJ
Plagiomimicus heitzmani, **Brown Co**, Cottonwood River Prairie, 19 Aug 2023, KEJ, **STATE RECORD**
Plagiomimicus heitzmani, **Rock Co**, Blue Mounds SP, 20 Aug 2023, KEJ, 2nd state record
Plagiomimicus spumosum, **Lincoln Co**, Hole-in-the-Mountain Prairie, 22 Aug 2023, KEJ
Plagiomimicus spumosum, **Pipestone Co**, Altona WMA, 22 Aug 2023, KEJ
Polia purpurissata, **Pipestone Co**, Altona WMA, 22 Aug 2023, KEJ
Proxenus mendosa, **Lincoln Co**, Hole-in-the-Mountain Prairie, 22 Aug 2023, KEJ
Proxenus mendosa, **Pipestone Co**, Altona WMA, 22 Aug 2023, KEJ
Psaphida styracis, **Winona Co**, Whitewater WMA, 13 Apr 2023, KEJ, **STATE RECORD**
Resapamea stipata, **Brown Co**, Joseph A Tauer Prairie, 18 Aug 2023, KEJ
Resapamea stipata, **Pipestone Co**, Altona WMA, 22 Aug 2023, KEJ
Schinia arcigera, **Brown Co**, Joseph A Tauer Prairie, 18 Aug 2023, KEJ
Schinia gracilentia, **Pipestone Co**, Altona WMA, 22 Aug 2023, KEJ, few state records
Schinia grandimedia, **Lincoln Co**, Hole-in-the-Mountain Prairie, 22 Aug 2023, KEJ
Schinia grandimedia, **Pipestone Co**, Altona WMA, 22 Aug 2023, KEJ
Schinia hultia, **Pipestone Co**, Altona WMA, 22 Aug 2023, KEJ
Schinia hultia, **Rock Co**, Blue Mounds SP, 20 Aug 2023, KEJ
Schinia mortua, **Brown Co**, Cottonwood River Prairie, 19 Aug 2023, KEJ
Schinia mortua, **Lincoln Co**, Hole-in-the-Mountain Prairie, 22 Aug 2023, KEJ
Schinia mortua, **Rock Co**, Blue Mounds SP, 20 Aug 2023, KEJ
Schinia nubia, **Pipestone Co**, Altona WMA, 22 Aug 2023, KEJ, **STATE RECORD**
Schinia nundina, **Rock Co**, Blue Mounds SP, 20 Aug 2023, KEJ
Schinia rivulosa, **Lincoln Co**, Hole-in-the-Mountain Prairie, 22 Aug 2023, KEJ
Schinia rivulosa, **Pipestone Co**, Altona WMA, 22 Aug 2023, KEJ
Schinia rivulosa, **Rock Co**, Blue Mounds SP, 20 Aug 2023, KEJ
Stiria rugifrons, **Rock Co**, Blue Mounds SP, 20 Aug 2023, KEJ
Tricholita notata, **Pipestone Co**, Altona WMA, 22 Aug 2023, KEJ
Tricholita notata, **Rock Co**, Blue Mounds SP, 20 Aug 2023, KEJ

Nolidae:

Nola cilicoides, **Brown Co**, Joseph A Tauer Prairie, 18 Aug 2023, KEJ

Nymphalidae:

Argynnis cybele krautwurmi, Cass Co, Oak Point, 12 Jul-4 Aug 2022, ASB, rare in area, on thistle and dogbane
Boloria selene, Cass Co, Oak Point, 23 Jun-8 Sep 2022, ASB, last date is late in season
Coenonympha californica inornata, Cass Co, Oak Point, 28 Jun 2022, ASB, more uncommon than usual
Euphydryas phaeton, Beltrami Co, Nary Rd, 3-23 Jul 2022, ASB, on oxeye daisy and thistle, later than usual
Euptoieta claudia, Cass Co, Oak Point, 22 Jun-14 Jul 2022, ASB, several sites, rare to see this far north
Euptoieta claudia, **Cook Co**, Plouff Creek, wetlands along CR 3, 10 Jul 2023, JPS, DG1 & 8 others, good photo, 1st county record of this southern migrant, Plouff Creek USFS Butterfly Count
Lethe appalachia, Lake Co, McNair, CR 2 & Langley River Rd, 19 Jul 2023, JPS, DG1, MC3 & 3 others, 3rd year recorded, McNair Butterfly Count
Limenitis archippus, Cass Co, Oak Point, 1-8 Aug 2022, ASB, low numbers this year
Megisto cymela, Cass Co, Oak Point, 22-30 Jun 2022, ASB, 2 weeks later than usual
Nymphalis l-album, Cass Co, Oak Point, 23 Jul-26 Aug 2022, ASB, fewer than any year in the last 12
Polygonia progne, Cass Co, Oak Point, 17-20 Sep 2022, ASB, only seen 2 times all season
Polygonia progne, Cass Co, Oak Point, our yard & driveway ends, 12 May-1 Oct 2023, ASB
Polygonia progne, Lake Co, McNair, CR 2 & Langley River Rd, 19 Jul 2023, JPS, DG1, MC3 & 3 others, photo, McNair Butterfly Count
Vanessa atalanta, Cass Co, Oak Point, 7 Jul-4 Sep 2022, ASB, only 5 sightings this year

Papilionidae:

Pterourus glaucus, **Cass Co**, Oak Point, 23 Aug 2022, ASB, far north of normal range, feeding on zinnias
Pterourus glaucus, **Cass Co**, Oak Point, feeding on zinnias, 30 Jul 2023, ASB, male

Pieridae:

Colias interior, **Cass Co**, Oak Point, 3 Jun 2022, ASB, low numbers this year
Pontia occidentalis, **Brown Co**, Cottonwood River Prairie, 19 Aug 2023, KEJ
Pontia occidentalis, **Cottonwood Co**, Rock Ridge Prairie, 20 Aug 2023, KEJ
Pontia occidentalis, **Pipestone Co**, Altona WMA, 22 Aug 2023, KEJ

Pterophoridae:

Platyptilia carduidactylus, **Lincoln Co**, Hole-in-the-Mountain Prairie, 22 Aug 2023, KEJ
Platyptilia carduidactylus, **Winona Co**, Whitewater WMA, 13 Apr 2023, KEJ

Pyalidae:

Arta statalis, **Brown Co**, Cottonwood River Prairie, 19 Aug 2023, KEJ
Melitara dentata, **Rock Co**, Blue Mounds SP, 20 Aug 2023, KEJ, **STATE RECORD**
Peoria bipartitella, **Lincoln Co**, Hole-in-the-Mountain Prairie, 22 Aug 2023, KEJ, few state records
Peoria gemmatella, **Pipestone Co**, Altona WMA, 22 Aug 2023, KEJ

Saturniidae:

Automeris io, **Cass Co**, Oak Point, 21-25 Jun 2022, ASB, on garage door

Sesiidae:

Carmenta anthracipennis, **Brown Co**, Cottonwood River Prairie, 19 Aug 2023, KEJ
Synanthedon exitiosa, **Cottonwood Co**, Rock Ridge Prairie, 20 Aug 2023, KEJ

Sphingidae:

Aellopus titan, **Cass Co**, Oak Point, 3 Jul 2022, ASB, feeding on dogbane, rare migrant
Hemaris gracilis, **Cass Co**, Oak Point, 19 Jun 2022, ASB, flying around flower garden
Hemaris thysbe, **Cass Co**, Oak Point, 13 Jun-22 Jul 2022, ASB, on several blooming flowers
Hyles euphorbiae, **Rock Co**, Blue Mounds SP, 20 Aug 2023, KEJ
Hyles gallii, **Cook Co**, Walter Rd, E end of Devil Track Lake, 4 Sep-3 Oct 2023, DBM
Hyles lineata, **Cass Co**, Oak Point, 31 Aug-11 Oct 2022, ASB, seen every day for 42 days
Manduca quinquemaculatus, **Lincoln Co**, Hole-in-the-Mountain Prairie, 22 Aug 2023, KEJ
Smerinthus jamaicensis, **Brown Co**, Cottonwood River Prairie, 19 Aug 2023, KEJ

Tortricidae:

Acleris bowmanana, **Winona Co**, Whitewater WMA, 12-13 Apr 2023, KEJ
Acleris placidana, **Winona Co**, Whitewater WMA, 12 Apr 2023, KEJ
Acleris subnivana, **Winona Co**, Whitewater WMA, 12 Apr 2023, KEJ
Aethes angustana, **Rock Co**, Blue Mounds SP, 20 Aug 2023, KEJ
Aethes atomosana, **Brown Co**, Cottonwood River Prairie, 19 Aug 2023, KEJ
Aethes sexdentata, **Brown Co**, Cottonwood River Prairie, 19 Aug 2023, KEJ
Aethes sexdentata, **Olmsted Co**, Quarry Hill Nature Center, 17 Aug 2023, KEJ
Bactra maiorina, **Brown Co**, Cottonwood River Prairie, 19 Aug 2023, KEJ
Bactra maiorina, **Pipestone Co**, Altona WMA, 22 Aug 2023, KEJ
Celypha cespitana, **Brown Co**, Cottonwood River Prairie, 19 Aug 2023, KEJ
Clepsis flavidana, **Brown Co**, Cottonwood River Prairie, 19 Aug 2023, KEJ
Cochylichroa arthuri, **Lincoln Co**, Hole-in-the-Mountain Prairie, 22 Aug 2023, KEJ, few records in the state
Cochylichroa hospes, **Lincoln Co**, Hole-in-the-Mountain Prairie, 22 Aug 2023, KEJ
Cochylichroa hospes, **Rock Co**, Blue Mounds SP, 20 Aug 2023, KEJ
Endothenia hebesana, **Pipestone Co**, Altona WMA, 22 Aug 2023, KEJ
Endothenia nubilana, **Pipestone Co**, Altona WMA, 22 Aug 2023, KEJ
Epinotia celtisana, **Winona Co**, Whitewater WMA, 13 Apr 2023, KEJ, **STATE RECORD**
Epinotia sotipena, **Winona Co**, Whitewater WMA, 12-14 Apr 2023, KEJ
Epinotia zandana, **Winona Co**, Whitewater WMA, 12-14 Apr 2023, KEJ
Eucosma glomerana, **Dodge Co**, Hythecker Prairie, 18 Aug 2023, KEJ
Eucosma indagatrica, **Lincoln Co**, Hole-in-the-Mountain Prairie, 22 Aug 2023, KEJ
Eucosma raracana, **Rock Co**, Blue Mounds SP, 20 Aug 2023, KEJ
Eucosma sombreana, **Brown Co**, Joseph A Tauer Prairie, 18 Aug 2023, KEJ
Eucosma sombreana, **Rock Co**, Blue Mounds SP, 20 Aug 2023, KEJ
Gynindomorpha romonana, **Brown Co**, Cottonwood River Prairie, 19 Aug 2023, KEJ
Gynindomorpha romonana, **Lincoln Co**, Hole-in-the-Mountain Prairie, 22 Aug 2023, KEJ
Olethreutes bipartitana, **Pipestone Co**, Altona WMA, 22 Aug 2023, KEJ
Pelochrista cataclystiana, **Rock Co**, Blue Mounds SP, 20 Aug 2023, KEJ
Pelochrista comatulana, **Lincoln Co**, Hole-in-the-Mountain Prairie, 22 Aug 2023, KEJ
Pelochrista consobrinana, **Brown Co**, Cottonwood River Prairie, 19 Aug 2023, KEJ
Pelochrista consobrinana, **Rock Co**, Blue Mounds SP, 20 Aug 2023, KEJ
Pelochrista corosana, **Pipestone Co**, Altona WMA, 22 Aug 2023, KEJ
Pelochrista costastriata, **Brown Co**, Cottonwood River Prairie, 19 Aug 2023, KEJ
Pelochrista fiskeana, **Brown Co**, Cottonwood River Prairie, 19 Aug 2023, KEJ, few records in state
Pelochrista heathiana, **Lincoln Co**, Hole-in-the-Mountain Prairie, 21 Aug 2023, KEJ

Pelochrista heathiana, **Pipestone Co**, Altona WMA, 22 Aug 2023, KEJ
Pelochrista nandana, **Lincoln Co**, Hole-in-the-Mountain Prairie, 22 Aug 2023, KEJ
Pelochrista nandana, **Rock Co**, Blue Mounds SP, 20 Aug 2023, KEJ
Pelochrista ridingsana, **Rock Co**, Blue Mounds SP, 20 Aug 2023, KEJ
Pelochrista scintillana, **Pipestone Co**, Altona WMA, 22 Aug 2023, KEJ
Pseudexentera cressoniana, **Winona Co**, Whitewater WMA, 12-14 Apr 2023, KEJ, few records in state
Pseudexentera hodsoni, **Winona Co**, Whitewater WMA, 13 Apr 2023, KEJ, few records in state
Pseudexentera mali, **Winona Co**, Whitewater WMA, 12-13 Apr 2023, KEJ
Sereda tautana, **Winona Co**, Whitewater WMA, 12-13 Apr 2023, KEJ, few records in state
Sonia canadana, **Brown Co**, Joseph A Tauer Prairie, 18 Aug 2023, KEJ, few records in state
Suleima cinerodorsana, **Brown Co**, Joseph A Tauer Prairie, 18 Aug 2023, KEJ
Suleima cinerodorsana, **Rock Co**, Blue Mounds SP, 20 Aug 2023, KEJ
Xenotemna pallorana, **Brown Co**, Joseph A Tauer Prairie, 18 Aug 2023, KEJ
Xenotemna pallorana, **Rock Co**, Blue Mounds SP, 20 Aug 2023, KEJ

Ypsolophidae:

Ypsolopha falciferlla, **Winona Co**, Whitewater WMA, 12 Apr 2023, KEJ, few records in state

Wisconsin:

Argyresthiidae:

Argyresthia conjugella, **Oconto Co**, Jack Pine Camp Rd, 29 Jun 2023, KEJ, few records for state
Argyresthia subreticulata, **Brown Co**, Baird Creek, 9 Sep 2023, KEJ, few records for state

Attevidae:

Atteva aurea, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB

Blastobasidae:

Holococera immaculella, **Door Co**, Ridges Sanctuary, 24 Jun 2023, KEJ

Coleophoridae:

Coleophora ledi, **Door Co**, Ridges Sanctuary, 24 Jun 2023, KEJ, few records for state

Cossidae:

Acossus centerensis, **Door Co**, Ridges Sanctuary, 24 Jun 2023, KEJ
Acossus centerensis, **Door Co**, Ridges Sanctuary-Baileys Harbor, 24 Jun 2023, SCB

Crambidae:

Anania tertialis, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Arequipa turbatella, **Brown Co**, Barkhausen Waterfowl Preserve, 14 Jul 2023, KEJ
Chrysoteuchia topiarius, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Crambus lyonsellus, **Chippewa Co**, O'Neil Creek Peatlands, 20 Jun 2023, KEJ
Crambus saltuellus, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Crocidophora tubercularis, **Door Co**, Ridges Sanctuary, 24 Jun 2023, KEJ
Desmia maculalis, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Desmia maculalis, **Kenosha Co**, Kenosha Dunes SNA, Pleasant Prairie, 21 Aug 2023, SCB
Desmia maculalis, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Elophila gyralis, **Ozaukee Co**, Huiras Lake SNA, Random Lake, 19 Aug 2023, SCB
Elophila icciusalis, **Ozaukee Co**, Huiras Lake SNA, Random Lake, 19 Aug 2023, SCB
Eustixia pupula, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Evergestis pallidata, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Fumibotys fumalis, **Kenosha Co**, Kenosha Dunes SNA, Pleasant Prairie, 21 Aug 2023, SCB
Herpetogramma aquilonalis, **Brown Co**, Baird Creek, 9 Sep 2023, KEJ
Herpetogramma bipunctalis, **Brown Co**, Baird Creek, 9 Sep 2023, KEJ
Herpetogramma bipunctalis, **Door Co**, Ridges Sanctuary, 22 Sep 2023, KEJ
Herpetogramma thestealis, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Lygropia rivulalis, **Oconto Co**, Jack Pine Camp Rd, 29 Jun 2023, KEJ
Ostrinia nubilalis, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Ostrinia penitalis, **Ozaukee Co**, Huiras Lake SNA, Random Lake, 19 Aug 2023, SCB
Palpita magniferalis, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Parapoynx obscuralis, **Oconto Co**, Twin Pines Barrens, 5 Aug 2023, KEJ
Pediasia trisecta, **Green Co**, Three Waters Reserve, Brodhead, 8-10 Jun 2023, SCB
Petrophila canadensis, **Oconto Co**, Jack Pine Camp Rd, 29 Jun 2023, KEJ
Pilocrocis ramentalis, **Kenosha Co**, Kenosha Dunes SNA, Pleasant Prairie, 21 Aug 2023, SCB
Prionapteryx nebulifera, **Manitowoc Co**, Point Beach SF, Two Rivers, 10 Aug 2023, SCB
Pyrausta acronalis, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Pyrausta bicoloralis, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Pyrausta bicoloralis, **Ozaukee Co**, Huiras Lake SNA, Random Lake, 19 Aug 2023, SCB
Pyrausta fodinalis, **Oconto Co**, Thunder Mountain Barrens, 28 Aug 2023, KEJ
Pyrausta laticlavata, **Kenosha Co**, Kenosha Dunes SNA, Pleasant Prairie, 21 Aug 2023, SCB
Raphiptera argillaceus, **Brown Co**, Barkhausen Waterfowl Preserve, 5 Sep 2023, KEJ

Udea rubigalis, **Kenosha Co**, Kenosha Dunes SNA, Pleasant Prairie, 21 Aug 2023, SCB

Depressariidae:

Antaeotricha schlaegeri, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB

Agonopterix nigrinotella, **Waupaca Co**, Skunk and Foster Lakes SNA, 1 Jan 2023, KEJ

Agonopterix robiniella, **Brown Co**, Baird Creek, 9 Sep 2023, KEJ

Agonopterix thelmae, **Brown Co**, Baird Creek, 9 Sep 2023, KEJ

Drepanidae:

Drepana arcuata, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB

Drepana bilineata, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB

Pseudothyatira cymatophoroides, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB

Pseudothyatira cymatophoroides, **Ozaukee Co**, Huiras Lake SNA, Random Lake, 19 Aug 2023, SCB

Elachistidae:

Elachista orestella, **Oconto Co**, Glocke Lake Bog, 28 Aug 2023, KEJ

Epermeniidae:

Epermenia alba punctella, **Jackson Co**, Clear Creek Barrens, 3 Sep 2023, KEJ

Erebidae:

Apantesis phyllira, **Manitowoc Co**, Point Beach SF, Two Rivers, 10 Aug 2023, SCB

Bleptina caradrinalis, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB

Caenurgina crassiuscula, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB

Caenurgina crassiuscula, **Manitowoc Co**, Point Beach SF, Two Rivers, 10 Aug 2023, SCB

Catocala alabamiae, **Oconto Co**, Waupee Lake Swamp, 5 Aug 2023, KEJ, few records in state

Catocala cara, **Rock Co**, Kessler Railroad Prairie SNA, 10 Sep 2023, SCB

Catocala cerogama, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB

Catocala concumbens, **Kenosha Co**, Kenosha Dunes SNA, Pleasant Prairie, 21 Aug 2023, SCB

Catocala grynea, **Kenosha Co**, Kenosha Dunes SNA, Pleasant Prairie, 21 Aug 2023, SCB

Catocala innubens, **Kenosha Co**, Kenosha Dunes SNA, Pleasant Prairie, 21 Aug 2023, SCB

Catocala meskei, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB

Catocala meskei, **Ozaukee Co**, Huiras Lake SNA, Random Lake, 19 Aug 2023, SCB

Catocala obscura, **Brown Co**, Baird Creek, 9 Sep 2023, KEJ, new site, highly localized this far north

Catocala parta, **Rock Co**, Kessler Railroad Prairie SNA, 10 Sep 2023, SCB

Catocala resecta, **Brown Co**, Baird Creek, 9 Sep 2023, KEJ, new site, highly localized this far north

Catocala sordida, **Oconto Co**, Waupee Lake Swamp, 5 Aug 2023, KEJ

Catocala ultronia, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB

Catocala whitneyi, **Richland Co**, Lower Wisconsin River SWA (Lone Rock Unit), 29 Jul 2022, LAF

Chytolita morbidalis, **Green Co**, Three Waters Reserve, Brodhead, 8 Jun 2023, SCB

Clemensia albata, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB

Crambidia casta, **Oconto Co**, Thunder Mountain Barrens, 28 Aug 2023, KEJ

Crambidia pallida, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB

Crambidia pura, **Oconto Co**, Thunder Mountain Barrens, 28 Aug 2023, KEJ

Dasychira basiflava, **Oconto Co**, Twin Pines Barrens, 5 Aug 2023, KEJ

Dasychira cinnamomea, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB

Dasychira plagiata, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB

Haploa clymene, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB

Hypena baltimoralis, **Kenosha Co**, Kenosha Dunes SNA, Pleasant Prairie, 21 Aug 2023, SCB

Hypena baltimoralis, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB

Hypena bijugalis, **Brown Co**, Baird Creek, 9 Sep 2023, KEJ

Hypena bijugalis, **Kenosha Co**, Kenosha Dunes SNA, Pleasant Prairie, 21 Aug 2023, SCB

Hypena manalis, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB

Hypena manalis, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB

Hypernodes franclemonti, **Door Co**, Ridges Sanctuary, 22 Sep 2023, KEJ

Hypernodes franclemonti, **Oconto Co**, Waupee Lake Swamp, 5 Aug 2023, KEJ

Hypercompe scribonia, **Douglas Co**, Wisconsin Point, 23 Jun 2022, LAF

Hyperstrotia nana, **Oconto Co**, Jack Pine Camp Rd, 29 Jun 2023, KEJ

Hypocala andremona, **Richland Co**, Lower Wisconsin River SWA (Lone Rock Unit), 23 Oct 2022, LAF

Hypoprepia miniata, **Manitowoc Co**, Point Beach SF, Two Rivers, 10 Aug 2023, SCB

Idia aemula, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB

Idia americanalis, **Kenosha Co**, Kenosha Dunes SNA, Pleasant Prairie, 21 Aug 2023, SCB

Idia americanalis, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB

Idia concisa, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB

Idia diminuendis, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB

Idia lubricalis, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB

Lesmone detrahens, **Oconto Co**, Little Suamico, 9 Sep 2023, KEJ

Macrochilo bivittata, **Bayfield Co**, Bark Bay Slough SNA, 13 Jul 2023, LAF

Macrochilo hypocritalis, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB

Macrochilo orciferalis, **Manitowoc Co**, Point Beach SF, Two Rivers, 10 Aug 2023, SCB

Melanomma auricinctaria, **Sauk Co**, Lower Wisconsin River SWA (Bakken's Pond Unit), 29 Jul 2022, LAF

Mocis texana, **Douglas Co**, Wisconsin Point, 26 Sep 2023, LAF
Mycterophora inexplicata, **Oconto Co**, Waupee Lake Swamp, 5 Aug 2023, KEJ
Oruza albocostaliata, **Oconto Co**, Little Suamico, 13 Aug 2023, KEJ
Palthis angulalis, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Parallelia bistriaris, **Ozaukee Co**, Huiras Lake SNA, Random Lake, 19 Aug 2023, SCB
Phalaenophana pyramusalis, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Phalaenostola larentioides, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Phalaenostola larentioides, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Phragmatobia fuliginosa, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Renia discoloralis, **Rock Co**, Magnolia Bluff County Park, 26 Jul 2022, LAF
Renia flavipunctalis, **Kenosha Co**, Kenosha Dunes SNA, Pleasant Prairie, 21 Aug 2023, SCB
Spargalomia sexpunctata, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Tetanolita floridana, **Iowa Co**, Clyde Twp, 2 Jun 2022, LAF, unusually early date, all other WI records are late season
Virbia lamae, **Chippewa Co**, O'Neill Creek Peatlands, 20 Jun 2023, KEJ
Virbia lamae, **Oconto Co**, Glocke Lake Bog, 29 Jun 2023, KEJ
Virbia opella, **Richland Co**, Lower Wisconsin River SWA (Lone Rock Unit), 29 Jul 2022, LAF
Zale lunata, **Kenosha Co**, Kenosha Dunes SNA, Pleasant Prairie, 21 Aug 2023, SCB
Zale lunata, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Zale obliqua, **Door Co**, Ridges Sanctuary, 24 Jun 2023, KEJ
Zanclognatha jaccusalis, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Zanclognatha lituralis, **Oconto Co**, Jack Pine Camp Rd, 29 Jun 2023, KEJ
Zanclognatha marcidilinea, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Zanclognatha marcidilinea, **Ozaukee Co**, Huiras Lake SNA, Random Lake, 19 Aug 2023, SCB
Zanclognatha martha, **Brown Co**, Barkhausen Waterfowl Preserve, 14 Jul 2023, KEJ
Zanclognatha martha, **Iron Co**, Sandrock Rd Conifer Swamp, 13 Jul 2023, LAF
Zanclognatha theralis, **Bayfield Co**, Bark Bay Slough SNA, 13 Jul 2023, LAF

Euteliidae:

Marathyssa inficita, **Green Co**, Three Waters Reserve, Brodhead, 8 Jun 2023, SCB
Paectes oculatrix, **Douglas Co**, Wisconsin Point, 22 Jun 2023, LAF
Paectes oculatrix, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Paectes oculatrix, **Iowa Co**, Clyde Twp, 2 Jun 2022, LAF

Gelechiidae:

Aristotelia fungivorella, **Brown Co**, Barkhausen Waterfowl Preserve, 5 Sep 2023, KEJ, few records in state
Athrips mouffetella, **Oconto Co**, Little Suamico, 15 Jul 2023, KEJ
Chionodes continuella, **Jackson Co**, Clear Creek Barrens, 3 Sep 2023, KEJ, few records in state
Chionodes discoecellella, **Door Co**, Ridges Sanctuary, 22 Sep 2023, KEJ
Chionodes sattleri, **Oconto Co**, Waupee Lake Swamp, 5 Aug 2023, KEJ, few records in state
Dichomeris copa, **Brown Co**, Barkhausen Waterfowl Preserve, 24 Sep 2023, KEJ
Gelechia lynceella, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Helcystogramma hystricella, **Oconto Co**, Machickanee Flowage, 11 Sep 2023, KEJ
Prolita variabilis, **Oconto Co**, Thunder Mountain Barrens, 28 Aug 2023, KEJ, **STATE RECORD**

Geometridae:

Alsophila pometaria, **Bayfield Co**, Bark Bay Slough SNA, 26 Sep 2023, LAF, earliest known date
Archiearis infans, **Forest Co**, Atkins Lake Peatland, 16 May 2023, KEJ, unusually late record
Besma quericoraria, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Biston betularia, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Caripeta angustiorata, **Oconto Co**, Twin Pines Barrens, 5 Aug 2023, KEJ
Cyclophora packardii, **Brown Co**, Barkhausen Waterfowl Preserve, 14 Jul 2023, KEJ
Digrammia denticulata, **Douglas Co**, Wisconsin Point, 13 Jul 2023, LAF
Digrammia mellistrigata, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Dysstroma walkerata, **Douglas Co**, Wisconsin Point, 22 Jun-13 Jul 2023, LAF
Euchlaena irraria, **Oconto Co**, Jack Pine Camp Rd, 29 Jun 2023, KEJ
Eufidonia discospilata, **Chippewa Co**, O'Neill Creek Peatlands, 20 Jun 2023, KEJ
Eulithis testata, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Eulithis testata, **Ozaukee Co**, Huiras Lake SNA, Random Lake, 19 Aug 2023, SCB
Euphyia intermediata, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Eupithecia mutata, **Door Co**, Ridges Sanctuary, 24 Jun 2023, KEJ, common at MV sheet
Eupithecia mutata, **Oconto Co**, Jack Pine Camp Rd, 29 Jun 2023, KEJ, few records in state
Heterophleps triguttaria, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Hydriomena divisaria, **Door Co**, Ridges Sanctuary, 24 Jun 2023, KEJ
Hypagyrtis unipunctata, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Idaea dimidiata, **Bayfield Co**, Bark Bay Slough SNA, 13 Jul 2023, LAF, few records in state
Iridopsis larvaria, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Macaria aemulataria, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Macaria argillacearia, **Chippewa Co**, O'Neill Creek Peatlands, 20 Jun 2023, KEJ
Macaria argillacearia, **Oconto Co**, Glocke Lake Bog, 29 Jun 2023, KEJ

Macaria bisignata, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Macaria bitactata, **Douglas Co**, Wisconsin Point, 13 Jul 2023, LAF
Macaria brunneata, **Chippewa Co**, O'Neill Creek Peatlands, 20 Jun 2023, KEJ
Macaria exauspicata, **Oconto Co**, Jack Pine Camp Rd, 29 Jun 2023, KEJ
Macaria loricaria, **Oconto Co**, Jack Pine Camp Rd, 29 Jun 2023, KEJ
Macaria masquerata, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Macaria minorata, **Green Co**, Three Waters Reserve, Brodhead, 8 Jun 2023, SCB
Macaria oweni, **Oconto Co**, Waupee Lake Swamp, 5 Aug 2023, KEJ
Macaria sexmaculata, **Oconto Co**, Waupee Lake Swamp, 5 Aug 2023, KEJ
Macaria sulphurea, **Oconto Co**, Glocke Lake Bog, 29 Jun 2023, KEJ
Mellilla xanthometata, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Metanema inatormaria, **Ozaukee Co**, Huiras Lake SNA, Random Lake, 19 Aug 2023, SCB
Nepytia canosaria, **Iowa Co**, Clyde Twp, 29 Jul 2022, LAF
Pero anctetaria, **Kenosha Co**, Kenosha Dunes SNA, Pleasant Prairie, 21 Aug 2023, SCB
Pero honestaria, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Scopula frigidaria, Door Co, Ridges Sanctuary, 24 Jun 2023, KEJ, seldom reported in WI
Sphacelodes vulneraria, **Iowa Co**, Clyde Twp, 2 Jun 2022, LAF, northernmost locality for this tropical stray, **STATE RECORD**
Tacparia atropunctata, Bayfield Co, Bark Bay Slough SNA, 13 Jul 2023, LAF
Tacparia atropunctata, Door Co, Ridges Sanctuary, 24 Jun 2023, KEJ, seldom reported in WI
Tacparia atropunctata, Douglas Co, Wisconsin Point, 23 Jun 2022, LAF
Xanthorhoe decolorata, **Iron Co**, Sandrock Rd Conifer Swamp, 13 Jul 2023, LAF, few records in state
Xanthorhoe ferrugata, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Xanthorhoe packardata, **Oconto Co**, Little Suamico, 12 Aug 2023, KEJ
Xanthotype urticaria, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB

Gracillariidae:

Acrocercops astericola, **Forest Co**, Knowles Creek Impoundment, 18 Oct 2023, KEJ
Caloptilia alnivorella, **Waupaca Co**, Skunk and Foster Lakes SNA, 1 Jan 2023, KEJ, few records in state
Caloptilia hypericella, **Forest Co**, Knowles Creek Impoundment, 18 Oct 2023, KEJ
Caloptilia serotinella, **Forest Co**, Knowles Creek Impoundment, 18 Oct 2023, KEJ, few records in state
Caloptilia vacciniella, **Oconto Co**, Waupee Lake Swamp, 5 Aug 2023, KEJ
Caloptilia violacella, **Jackson Co**, Clear Creek Barrens, 3 Sep 2023, KEJ
Cremastobombycia solidaginis, **Brown Co**, Barkhausen Waterfowl Preserve, 5-24 Sep 2023, KEJ
Cremastobombycia solidaginis, **Forest Co**, Knowles Creek Impoundment, 18 Oct 2023, KEJ, few records in state

Hepialidae:

Sthenopis argenteomaculatus, **Door Co**, Ridges Sanctuary, Baileys Harbor, 24 Jun 2023, SCB

Hesperiidae:

Burnsius communis, Pepin Co, farm W of Mondovi, 27 Sep 2022, ASB, defending habitat with thousands of *Colias philodice*
Erynnis brizo, Oconto Co, Twin Pines Barrens, 16 May 2023, KEJ
Hylephila phyleus, Dane Co, Middleton, 9 Sep 2023, LAF, on New England asters
Hylephila phyleus, Pepin Co, farm W of Mondovi, 21 Jul 2022, ASB, migrant from south

Limacodidae:

Apoda y-inversum, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Lithacodes fasciola, **Brown Co**, Barkhausen Waterfowl Preserve, 14 Jul 2023, KEJ
Packardia elegans, **Oconto Co**, Jack Pine Camp Rd, 29 Jun 2023, KEJ
Packardia geminata, **Oconto Co**, Jack Pine Camp Rd, 29 Jun 2023, KEJ

Lycaenidae:

Callophrys augustinus, **Door Co**, Ridges Sanctuary, 11 May 2023, KEJ

Lyonetiidae:

Paraleucoptera albella, **Brown Co**, Barkhausen Waterfowl Preserve, 14 Jul 2023, KEJ, few records in state

Momphidae:

Mompha passerella, **Jackson Co**, Clear Creek Barrens, 3 Sep 2023, KEJ

Noctuidae:

Abagrotis alternata, **Kenosha Co**, Kenosha Dunes SNA, Pleasant Prairie, 21 Aug 2023, SCB
Abagrotis alternata, **Manitowoc Co**, Point Beach SF, Two Rivers, 10 Aug 2023, SCB
Abagrotis brunneipennis, **Oconto Co**, Thunder Mountain Barrens, 28 Aug 2023, KEJ, few records in state
Abrostola urentis, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Abrostola urentis, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Achatodes zeae, **Green Co**, Liberty Creek Wildlife Area, 26 Jul 2022, LAF
Acronicta connecta, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Acronicta exilis, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Acronicta grisea, **Brown Co**, Barkhausen Waterfowl Preserve, 14 Jul 2023, KEJ
Acronicta hasta, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Acronicta immodica, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB, **STATE RECORD**
Acronicta impressa, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Acronicta increta, **Ozaukee Co**, Huiras Lake SNA, Random Lake, 19 Aug 2023, SCB
Acronicta interrupta, **Ozaukee Co**, Huiras Lake SNA, Random Lake, 19 Aug 2023, SCB

Acronicta morula, **Oconto Co**, Little Suamico, 15 Jul 2023, KEJ
Acronicta ovata, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Acronicta tristis, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Agnorisma badinodis, **Oconto Co**, Little Suamico, 24 Sep 2023, KEJ
Agrotis stigmata, **Douglas Co**, Wisconsin Point, 22 Jun 2023, LAF
Amphipoea americana, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Amphipoea americana, **Ozaukee Co**, Huiras Lake SNA, Random Lake, 19 Aug 2023, SCB
Amphipyra pyramidoides, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Amphipyra tragopoginis, **Ozaukee Co**, Huiras Lake SNA, Random Lake, 19 Aug 2023, SCB
Anarta trifolii, **Kenosha Co**, Kenosha Dunes SNA, Pleasant Prairie, 21 Aug 2023, SCB
Anathix ralla, **Kenosha Co**, Kenosha Dunes SNA, Pleasant Prairie, 21 Aug 2023, SCB
Anicla illapsa, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Anicla illapsa, **Ozaukee Co**, Huiras Lake SNA, Random Lake, 19 Aug 2023, SCB
Anterastria teratophora, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Apamea alia, **Oconto Co**, Jack Pine Camp Rd, 29 Jun 2023, KEJ
Apamea dubitans, **Kenosha Co**, Kenosha Dunes SNA, Pleasant Prairie, 21 Aug 2023, SCB
Apamea dubitans, **Manitowoc Co**, Point Beach SF, Two Rivers, 10 Aug 2023, SCB
Apamea dubitans, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Apamea dubitans, **Ozaukee Co**, Huiras Lake SNA, Random Lake, 19 Aug 2023, SCB
Apamea helva, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Apamea indocilis, **Douglas Co**, Wisconsin Point, 13 Jul 2023, LAF
Apamea nigrior, **Door Co**, Ridges Sanctuary, 24 Jun 2023, KEJ, seldom reported in WI
Apamea plutonia, **Oconto Co**, Jack Pine Camp Rd, 29 Jun 2023, KEJ
Apamea relicina, **Jackson Co**, Clear Creek Barrens, 3 Sep 2023, KEJ, barrens with prairie elements
Apamea vulgaris, **Douglas Co**, Wisconsin Point, 22 Jun 2023, LAF
Apamea vultuosa, **Door Co**, Ridges Sanctuary, 24 Jun 2023, KEJ, seldom reported in WI
Apamea vultuosa, **Douglas Co**, Wisconsin Point, 13 Jul 2023, LAF
Athetis tarda, **Kenosha Co**, Kenosha Dunes SNA, Pleasant Prairie, 21 Aug 2023, SCB
Autographa mappa, **Douglas Co**, Wisconsin Point, 13 Jul 2023, LAF
Autographa rubidus, **Douglas Co**, Wisconsin Point, 22 Jun 2023, LAF
Azenia obtusa, **Rock Co**, Avon Bottoms Wildlife Area (W St. Lawrence Rd), 26 Jul 2022, LAF
Azenia obtusa, **Sauk Co**, Lower Wisconsin River SWA (Bakken's Pond Unit), 29 Jul 2022, LAF
Bellura brehmei, **Iron Co**, Sandrock Rd Conifer Swamp, 22 Jun 2023, LAF
Bellura densa, **Douglas Co**, Wisconsin Point, 23 Jun 2022, LAF
Bellura densa, **Sauk Co**, Lower Wisconsin River SWA (Bakken's Pond Unit), 29 Jul 2022, LAF
Bellura obliqua, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Bleptina caradrinalis, **Kenosha Co**, Kenosha Dunes SNA, Pleasant Prairie, 21 Aug 2023, SCB
Callopietria mollissima, **Brown Co**, Barkhausen Waterfowl Preserve, 14 Jul 2023, KEJ
Capis curvata, **Brown Co**, Barkhausen Waterfowl Preserve, 14 Jul 2023, KEJ
Caradrina meralis, **Jackson Co**, Clear Creek Barrens, 3 Sep 2023, KEJ
Cerastis fishii, **Door Co**, Ridges Sanctuary, 11 May 2023, KEJ
Cerma cora, **Douglas Co**, Summit Twp (Bear Creek Bog), 23 Jun 2022, LAF
Cerma cora, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Cerma cora, **Iowa Co**, Clyde Twp, 2 Jun 2022, LAF
Chrysodeixis includens, **Bayfield Co**, Bark Bay Slough SNA, 26 Sep 2023, LAF
Chytonix palliatricula, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Chytonix sensilis, **Oconto Co**, Twin Pines Barrens, 5 Aug 2023, KEJ, few records in state
Coenophila opacifrons, **Green Co**, Liberty Creek Wildlife Area, 9 Sep 2023, LAF
Coenophila opacifrons, **Oconto Co**, Waupee Lake Swamp, 5 Aug 2023, KEJ
Condica vecors, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Crambodes talidiformis, **Green Co**, Three Waters Reserve, Brodhead, 8 Jun 2023, SCB
Cucullia intermedia, **Douglas Co**, Wisconsin Point, 23 Jun 2022, LAF
Dargida diffusa, **Kenosha Co**, Kenosha Dunes SNA, Pleasant Prairie, 21 Aug 2023, SCB
Dargida diffusa, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Diarsia rosaria, **Douglas Co**, Summit Twp (Bear Creek Bog), 23 Jun 2022, LAF
Diarsia rubifera, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Elaphria grata, **Green Co**, Three Waters Reserve, Brodhead, 8 Jun 2023, SCB
Enargia decolor, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Epiglaea apiata, **Oconto Co**, Glocke Lake Bog, 28 Aug 2023, KEJ
Eremobina leucoscelis, **Rock Co**, Avon Bottoms Wildlife Area (W St. Lawrence Rd), 26 Jul 2022, LAF
Euretagrotis sigmoides, **Oconto Co**, Little Suamico, 15 Jul 2023, KEJ
Euplexia benesimilis, **Manitowoc Co**, Point Beach SF, Two Rivers, 10 Aug 2023, SCB
Euplexia benesimilis, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Eupsilia devia, **Iowa Co**, Clyde Twp, 23 Oct 2022, LAF
Eupsilia morrisoni, **Oconto Co**, Little Suamico, 4 Jan-13 Feb 2023, KEJ, at bait and MV sheet
Eurois stricta, **Oconto Co**, Waupee Lake Swamp, 5 Aug 2023, KEJ

Euxoa declarata, **Oconto Co**, Thunder Mountain Barrens, 28 Aug 2023, KEJ, few records in state
Euxoa pleuritica, **Kenosha Co**, Kenosha Dunes SNA, Pleasant Prairie, 21 Aug 2023, SCB
Euxoa scandens, **Manitowoc Co**, Point Beach SF, Two Rivers, 10 Aug 2023, SCB
Euxoa sinelinea, **Iron Co**, Sandrock Rd Conifer Swamp, 13 Jul 2023, LAF, few records in state
Euxoa velleripennis, **Rock Co**, Kessler Railroad Prairie SNA, 10 Sep 2023, SCB
Feltia herilis, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Feltia jaculifera, **Kenosha Co**, Kenosha Dunes SNA, Pleasant Prairie, 21 Aug 2023, SCB
Feltia subgothica, **Kenosha Co**, Kenosha Dunes SNA, Pleasant Prairie, 21 Aug 2023, SCB
Feltia tricoso, **Ozaukee Co**, Huiras Lake SNA, Random Lake, 19 Aug 2023, SCB
Feralia jocosu, **Door Co**, Ridges Sanctuary, 11 May 2023, KEJ
Galgula partita, **Green Co**, Three Waters Reserve, Brodhead, 8-10 Jun 2023, SCB
Galgula partita, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Globia oblonga, **Ozaukee Co**, Huiras Lake SNA, Random Lake, 19 Aug 2023, SCB
Graphiphora augur, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Helotropha reniformis, **Kenosha Co**, Kenosha Dunes SNA, Pleasant Prairie, 21 Aug 2023, SCB
Helotropha reniformis, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Helotropha reniformis, **Ozaukee Co**, Huiras Lake SNA, Random Lake, 19 Aug 2023, SCB
Hemipachnobia monochromatea, **Door Co**, Ridges Sanctuary, 24 Jun 2023, KEJ
Homoglaea hircina, **Door Co**, Gustave's Getaway, 19 Feb 2023, KEJ, hibernating in door jamb
Homoglaea hircina, **Oconto Co**, Little Suamico, 13-20 Feb 2023, KEJ, early record, at MV sheet
Hydraecia immanis, **Brown Co**, Barkhausen Waterfowl Preserve, 5-24 Sep 2023, KEJ
Hydraecia stramentosa, **Oconto Co**, Glocke Lake Bog, 28 Aug 2023, KEJ
Hypocoena inquinata, **Brown Co**, Barkhausen Waterfowl Preserve, 14 Jul 2023, KEJ
Hyppa xylinoides, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Hyppa xylinoides, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Lacanobia subjuncta, **Kenosha Co**, Kenosha Dunes SNA, Pleasant Prairie, 21 Aug 2023, SCB
Lacinipolia implicata, **Rock Co**, Magnolia Bluff County Park, 23 Aug 2022, LAF
Lacinipolia meditata, **Ozaukee Co**, Huiras Lake SNA, Random Lake, 19 Aug 2023, SCB
Lacinipolia renigera, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Leucania amygdalina, **Bayfield Co**, Bark Bay Slough SNA, 13 Jul 2023, LAF
Leucania amygdalina, **Douglas Co**, Wisconsin Point, 13 Jul 2023, LAF
Leucania amygdalina, **Oconto Co**, Jack Pine Camp Rd, 29 Jun 2023, KEJ
Leucania commoides, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Leucania lapidaria, **Brown Co**, Barkhausen Waterfowl Preserve, 5 Sep 2023, KEJ
Leucania lapidaria, **Kenosha Co**, Kenosha Dunes SNA, Pleasant Prairie, 21 Aug 2023, SCB
Leucania lapidaria, **Ozaukee Co**, Huiras Lake SNA, Random Lake, 19 Aug 2023, SCB
Leucania linda, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Leucania linda, **Kenosha Co**, Kenosha Dunes SNA, Pleasant Prairie, 21 Aug 2023, SCB
Leucania multilinea, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Leucania multilinea, **Ozaukee Co**, Huiras Lake SNA, Random Lake, 19 Aug 2023, SCB
Leucania phragmitidicola, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Leucania ursula, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Leucania ursula, **Kenosha Co**, Kenosha Dunes SNA, Pleasant Prairie, 21 Aug 2023, SCB
Leucania ursula, **Ozaukee Co**, Huiras Lake SNA, Random Lake, 19 Aug 2023, SCB
Leuconycta diptheroides, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Lithophane amanda, **Brown Co**, Red Bank Alvar SNA, 11 Apr 2023, SCB
Lithophane antennata, **Brown Co**, Red Bank Alvar SNA, 11 Apr 2023, SCB
Lithophane franclemonti, **Sauk Co**, Devils Lake SP, 11 Oct 2023, KEJ, new site
Lithophane grotei, **Brown Co**, Red Bank Alvar SNA, 11 Apr 2023, SCB
Lithophane innominata, **Sauk Co**, Devils Lake SP, 11 Oct 2023, KEJ, new site, highly localized this far south
Lithophane lanei, **Brown Co**, Red Bank Alvar SNA, 11 Apr 2023, SCB
Lithophane laticinerea, **Oconto Co**, Little Suamico, 10 Jan 2023, KEJ, at bait, 1st Jan *Lithophane* sp for county
Lithophane unimoda, **Brown Co**, Red Bank Alvar SNA, 11 Apr 2023, SCB
Macronoctua onusta, **Brown Co**, Barkhausen Waterfowl Preserve, 24 Sep 2023, KEJ
Megalographa biloba, **Douglas Co**, Wisconsin Point, 22 Jun 2023, LAF
Melanchra picta, **Kenosha Co**, Bristol Woods County Park, 10 Jun 2022, LAF
Melanchra picta, **Rock Co**, Magnolia Bluff County Park, 3 Jun 2022, LAF
Melanchra pulverulenta, **Door Co**, Ridges Sanctuary, 24 Jun 2023, KEJ
Melanapamea mixta, **Oconto Co**, Waupee Lake Swamp, 5 Aug 2023, KEJ, few records in state
Meropleon ambifusca, **Brown Co**, Barkhausen Waterfowl Preserve, 5 Sep 2023, KEJ
Neoligia crytora, **Oconto Co**, Jack Pine Camp Rd, 29 Jun 2023, KEJ
Nephelodes minians, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Ochropleura implecta, **Manitowoc Co**, Point Beach SF, Two Rivers, 10 Aug 2023, SCB
Ochropleura implecta, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Oligia minuscula, **Oconto Co**, Glocke Lake Bog, 28 Aug 2023, KEJ
Oligia modica, **Kenosha Co**, Kenosha Dunes SNA, Pleasant Prairie, 21 Aug 2023, SCB

Oligia modica, **Ozaukee Co**, Huiras Lake SNA, Random Lake, 19 Aug 2023, SCB
Orthodes goodelli, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Orthosia hibisci, **Brown Co**, Red Bank Alvar SNA, 11 Apr 2023, SCB
Panthea furcilla, **Manitowoc Co**, Point Beach SF, Two Rivers, 10 Aug 2023, SCB
Papaipema appassionata, **Oconto Co**, Glocke Lake Bog, 28 Aug 2023, KEJ
Papaipema arctivorens, **Rock Co**, Kessler Railroad Prairie SNA, 10 Sep 2023, SCB
Papaipema beeriana, **Rock Co**, Avon Bottoms Wildlife Area, 9 Sep 2023, LAF
Papaipema cerina, **Rock Co**, Avon Bottoms Wildlife Area, 9 Sep 2023, LAF
Papaipema cerussata, **Sauk Co**, Lower Wisconsin River SWA (Bakken's Pond Unit), 23 Oct 2022, LAF, 2nd WI record, verified by Eric Quinter
Papaipema furcata, **Rock Co**, Kessler Railroad Prairie SNA, 10 Sep 2023, SCB
Papaipema impecuniosa, **Douglas Co**, Wisconsin Point, 26 Sep 2023, LAF
Papaipema impecuniosa, **Forest Co**, Knowles Creek Impoundment, 18 Oct 2023, KEJ
Papaipema insulidens, **Ozaukee Co**, Huiras Lake SNA, Random Lake, 19 Aug 2023, SCB
Papaipema insulidens, **Rock Co**, Kessler Railroad Prairie SNA, 10 Sep 2023, SCB
Papaipema leucostigma, **Douglas Co**, Wisconsin Point, 26 Sep 2023, LAF
Papaipema leucostigma, **Oconto Co**, Thunder Mountain Barrens, 28 Aug 2023, KEJ
Papaipema lysimachiae, **Bayfield Co**, Bark Bay Slough SNA, 26 Sep 2023, LAF
Papaipema lysimachiae, **Oconto Co**, Glocke Lake Bog, 28 Aug 2023, KEJ
Papaipema maritima, **Bayfield Co**, Bark Bay Slough SNA, 26 Sep 2023, LAF
Papaipema necopina, **Brown Co**, Barkhausen Waterfowl Preserve, 5-24 Sep 2023, KEJ
Papaipema nepheleptena, **Bayfield Co**, Bark Bay Slough SNA, 26 Sep 2023, LAF
Papaipema nepheleptena, **Douglas Co**, Wisconsin Point, 26 Sep 2023, LAF
Papaipema sciata, **Brown Co**, Barkhausen Waterfowl Preserve, 24 Sep 2023, KEJ
Papaipema silphii, **Brown Co**, Barkhausen Waterfowl Preserve, 5-24 Sep 2023, KEJ, northern range extension, prairie restoration
Papaipema speciosissima, **Oconto Co**, Machickanee Flowage, 11 Sep 2023, KEJ
Papaipema unimoda, **Rock Co**, Kessler Railroad Prairie SNA, 10 Sep 2023, SCB
Parastichtis suspecta, **Douglas Co**, Wisconsin Point, 13 Jul 2023, LAF, few records in state
Phlogophora periculosa, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Photodes panatela, **Bayfield Co**, Bark Bay Slough SNA, 13 Jul 2023, LAF
Photodes panatela, **Douglas Co**, Summit Twp (Bear Creek Bog), 23 Jun 2022, LAF
Photodes panatela, **Douglas Co**, Wisconsin Point, 22 Jun-13 Jul 2023, LAF
Plusia contexta, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Plusia magnimacula, **Brown Co**, Barkhausen Waterfowl Preserve, 5-24 Sep 2023, KEJ
Protolampra brunneicollis, **Ozaukee Co**, Huiras Lake SNA, Random Lake, 19 Aug 2023, SCB
Protolampra brunneicollis, **Rock Co**, Kessler Railroad Prairie SNA, 10 Sep 2023, SCB
Proxenus miranda, **Green Co**, Three Waters Reserve, Brodhead, 8 Jun 2023, SCB
Proxenus miranda, **Kenosha Co**, Kenosha Dunes SNA, Pleasant Prairie, 21 Aug 2023, SCB
Proxenus miranda, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Proxenus miranda, **Ozaukee Co**, Huiras Lake SNA, Random Lake, 19 Aug 2023, SCB
Psaphida resumens, **Brown Co**, Red Bank Alvar SNA, 11 Apr 2023, SCB
Pseudeustrotia carneola, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Pseudohermonassa bicarnea, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Pseudohermonassa tenuicula, **Rock Co**, Kessler Railroad Prairie SNA, 10 Sep 2023, SCB
Reapamea passer, **Douglas Co**, Wisconsin Point, 13 Jul 2023, LAF
Rhizedra lutosa, **Door Co**, Ridges Sanctuary, 22 Sep 2023, KEJ
Schinia florida, **Oconto Co**, Twin Pines Barrens, 5 Aug 2023, KEJ
Schinia rivulosa, **Ozaukee Co**, Huiras Lake SNA, Random Lake, 19 Aug 2023, SCB
Sideridis rosea, **Douglas Co**, Wisconsin Point, 22 Jun 2023, LAF
Spodoptera exigua, **Richland Co**, Lower Wisconsin River SWA (Lone Rock Unit), 23 Oct 2022, LAF
Syngrapha epigaea, **Oconto Co**, Waupee Lake Swamp, 5 Aug 2023, KEJ
Syngrapha octoscripta, **Douglas Co**, Wisconsin Point, 22 Jun 2023, LAF
Syngrapha octoscripta, **Oconto Co**, Waupee Lake Swamp, 5 Aug 2023, KEJ
Tricholita signata, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Trichoplusia ni, **Rock Co**, Kessler Railroad Prairie SNA, 10 Sep 2023, SCB, very few WI records
Trichopolia oviduca, **Green Co**, Three Waters Reserve, Brodhead, 8 Jun 2023, SCB
Xanthia tatago, **Brown Co**, Barkhausen Waterfowl Preserve, 24 Sep 2023, KEJ
Xestia c-nigrum, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Xestia c-nigrum, **Kenosha Co**, Kenosha Dunes SNA, Pleasant Prairie, 21 Aug 2023, SCB
Xestia dolosa, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Xestia normanianus, **Manitowoc Co**, Point Beach SF, Two Rivers, 10 Aug 2023, SCB
Xestia normanianus, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Xestia normanianus, **Ozaukee Co**, Huiras Lake SNA, Random Lake, 19 Aug 2023, SCB
Xestia smithii, **Kenosha Co**, Kenosha Dunes SNA, Pleasant Prairie, 21 Aug 2023, SCB
Xestia smithii, **Ozaukee Co**, Huiras Lake SNA, Random Lake, 19 Aug 2023, SCB
Xestia smithii, **Rock Co**, Kessler Railroad Prairie SNA, 10 Sep 2023, SCB

Nolidae:

Baileya levitans, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Garella nilotica, **Brown Co**, Barkhausen Waterfowl Preserve, 24 Sep 2023, KEJ

Notodontidae:

Coelodasys unicoloris, **Door Co**, Ridges Sanctuary, Baileys Harbor, 24 Jun 2023, SCB
Nerice bidentata, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Schizura badia, **Douglas Co**, Wisconsin Point, 13 Jul 2023, LAF
Schizura ipomoeae, **Door Co**, Ridges Sanctuary, Baileys Harbor, 24 Jun 2023, SCB
Tecmessa scitiscrita, **Douglas Co**, Wisconsin Point, 22 Jun 2023, LAF

Nymphalidae:

Libytheana carinenta, **Pepin Co**, farm W of Mondovi, 20-21 Jul 2022, ASB, in swampy area, 1st time in 12 years
Megisto cymela, **Milwaukee Co**, Havenwoods SF, 9 Jun 2023, LAF, unusually abundant

Pieridae:

Colias philodice, **Pepin Co**, farm, W of Mondovi, 20 Jul-27 Sep 2022, ASB, thousands on the farm

Papilionidae:

Papilio glaucus, **Pepin Co.**, 8 Jun 2023, “dusky female, ASB (photo courtesy of Michael Wright)

Pterophoridae:

Stenoptilia coloradensis, **Door Co**, Ridges Sanctuary, 24 Jun-22 Sep 2023, KEJ, **STATE RECORD**

Pyralidae:

Acrobasis demotella, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Acrobasis vaccinii, **Door Co**, Ridges Sanctuary, 24 Jun 2023, KEJ
Dioryctria banksiella, **Oconto Co**, Thunder Mountain Barrens, 28 Aug 2023, KEJ, few records in state
Euzophera semifuneralis, **Door Co**, Ridges Sanctuary, 24 Jun 2023, KEJ
Galasa nigrinodis, **Oconto Co**, Little Suamico, 16 Jul 2023, KEJ
Glyptocera consobrinella, **Oconto Co**, Jack Pine Camp Rd, 29 Jun 2023, KEJ
Hypsopygia alinalis, **Kenosha Co**, Kenosha Dunes SNA, Pleasant Prairie, 21 Aug 2023, SCB
Immyrta nigrovittella, **Door Co**, Ridges Sanctuary, 24 Jun 2023, KEJ
Moodna pallidostrinella, **Door Co**, Ridges Sanctuary, 24 Jun 2023, KEJ
Ortholepis baloghi, **Door Co**, Ridges Sanctuary, 24 Jun 2023, KEJ, few records in state
Ortholepis pasadamia, **Brown Co**, Barkhausen Waterfowl Preserve, 14 Jul 2023, KEJ
Peoria approximella, **Oconto Co**, Twin Pines Barrens, 5 Aug 2023, KEJ
Peoria roseotinctella, **Jackson Co**, Clear Creek Barrens, 3 Sep 2023, KEJ
Pococera aplastella, **Door Co**, Ridges Sanctuary, 24 Jun 2023, KEJ, few records in state
Sciota basilaris, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Tulsa finitella, **Oconto Co**, Sleeping Bear Barrens, 28 May 2023, KEJ
Zophodia grassulariella, **Door Co**, Logan Creek Woods, 11 May 2023, KEJ

Scythrididae:

Landryia impositella, **Brown Co**, Barkhausen Waterfowl Preserve, 14 Jul 2023, KEJ

Sesiidae:

Albuna fraxini, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Paranthrene simulans, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB, few records in state
Paranthrene simulans, **Oconto Co**, Jack Pine Camp Rd, 29 Jun 2023, KEJ, few records in state
Paranthrene tabaniformis, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Paranthrene tabaniformis, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Podosesia syringae, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Synanthedon exitiosa, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Synanthedon pictipes, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB

Sphingidae:

Eumorpha pandorus, **Manitowoc Co**, Woodland Dunes SNA, Two Rivers, 10 Aug 2023, SCB
Lintneria eremitus, **Ozaukee Co**, Huiras Lake SNA, Random Lake, 19 Aug 2023, SCB
Sphinx drupiferarum, **Door Co**, Ridges Sanctuary, Baileys Harbor, 24 Jun 2023, SCB

Tineidae:

Monopis dorsistrigella, **Oconto Co**, Jack Pine Camp Rd, 29 Jun 2023, KEJ

Tortricidae:

Acleris bowmanana, **Brown Co**, Barkhausen Waterfowl Preserve, 27 Apr 2023, KEJ
Acleris caliginosana, **Forest Co**, Knowles Creek Impoundment, 18 Oct 2023, KEJ
Acleris flavivittana, **Forest Co**, Knowles Creek Impoundment, 18 Oct 2023, KEJ
Acleris fragariana, **Brown Co**, Barkhausen Waterfowl Preserve, 24 Sep 2023, KEJ, few records in state
Acleris hudsoniana, **Forest Co**, Knowles Creek Impoundment, 18 Oct 2023, KEJ
Acleris oxycoccana, **Waupaca Co**, Myklebust Lake, 1 Jan 2023, KEJ, actively flying, patchy snow cover
Acleris pulverosana, **Door Co**, Ridges Sanctuary, 11 May 2023, KEJ, few records in state
Acleris angulatana, **Brown Co**, Baird Creek, 9 Sep 2023, KEJ
Aethes baloghi, **Jackson Co**, Clear Creek Barrens, 3 Sep 2023, KEJ
Amorbia humerosana, **Door Co**, Ridges Sanctuary, 24 Jun 2023, KEJ
Amorbia humerosana, **Oconto Co**, Jack Pine Camp Rd, 29 Jun 2023, KEJ
Ancylis brauni, **Oconto Co**, Jack Pine Camp Rd, 29 Jun 2023, KEJ

Aphelia alleniana, **Oconto Co**, Glocke Lake Bog, 29 Jun 2023, KEJ, few records in state
Archips argyrospila, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Archips mortuana, **Oconto Co**, Jack Pine Camp Rd, 29 Jun 2023, KEJ
Archips strianus, **Door Co**, Ridges Sanctuary, 24 Jun 2023, KEJ
Archips strianus, **Oconto Co**, Jack Pine Camp Rd, 29 Jun 2023, KEJ
Argyrotaenia alisellana, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Argyrotaenia alisellana, **Oconto Co**, Jack Pine Camp Rd, 29 Jun 2023, KEJ
Argyrotaenia juglandana, **Brown Co**, Baird Creek, 9 Sep 2023, KEJ
Argyrotaenia juglandana, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Argyrotaenia quercifolia, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Aspila prunivora, **Oconto Co**, Jack Pine Camp Rd, 29 Jun 2023, KEJ
Celypha cespitana, **Brown Co**, Barkhausen Waterfowl Preserve, 5-24 Sep 2023, KEJ
Cenopis diluticostana, **Brown Co**, Barkhausen Waterfowl Preserve, 14 Jul 2023, KEJ
Cenopis pettitana, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Choristoneura fumiferana, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Choristoneura rosaceana, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Clepsis melaleucanus, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Cochylidichroa hospes, **Brown Co**, Barkhausen Waterfowl Preserve, 14 Jul 2023, KEJ
Cydia garacana, **Brown Co**, Barkhausen Waterfowl Preserve, 14 Jul 2023, KEJ
Decodes basiplagana, **Oconto Co**, Little Suamico, 24 Aug 2023, KEJ
Dichrorampha bittana, **Oconto Co**, Thunder Mountain Barrens, 28 Aug 2023, KEJ
Endothenia nubilana, **Jackson Co**, Clear Creek Barrens, 3 Sep 2023, KEJ
Epinotia momonana, **Oconto Co**, Glocke Lake Bog, 28 Aug 2023, KEJ, few records in state
Epinotia nonana, **Brown Co**, Baird Creek, 9 Sep 2023, KEJ
Epinotia nonana, **Door Co**, Ridges Sanctuary, 22 Sep 2023, KEJ
Epinotia radicans, **Door Co**, Ridges Sanctuary, 22 Sep 2023, KEJ
Epinotia septemnerana, **Door Co**, Ridges Sanctuary, 22 Sep 2023, KEJ
Epinotia septemnerana, **Oconto Co**, Glocke Lake Bog, 28 Aug 2023, KEJ
Epinotia transmissana, **Brown Co**, Barkhausen Waterfowl Preserve, 14 Jul 2023, KEJ
Episimus argutana, **Oconto Co**, Jack Pine Camp Rd, 29 Jun 2023, KEJ
Eucosma autumnana, **Oconto Co**, Thunder Mountain Barrens, 28 Aug 2023, KEJ, few records in state
Eucosma clavana, **Kenosha Co**, Kenosha Dunes SNA, Pleasant Prairie, 21 Aug 2023, SCB
Eucosma ornata, **Oconto Co**, Twin Pines Barrens, 5 Aug 2023, KEJ
Gynnidomorpha romonana, **Oconto Co**, Glocke Lake Bog, 28 Aug 2023, KEJ
Gypsonoma haimbachiana, **Brown Co**, Barkhausen Waterfowl Preserve, 14 Jul 2023, KEJ
Gypsonoma salicicola, **Oconto Co**, Jack Pine Camp Rd, 29 Jun 2023, KEJ
Hedya ochroleucana, **Brown Co**, Baird Creek, 9 Sep 2023, KEJ
Hedya impudens, **Door Co**, Ridges Sanctuary, 24 Jun 2023, KEJ
Lozotaenia costinotana, **Oconto Co**, Waupee Lake Swamp, 5 Aug 2023, KEJ
Notocelia rosaecolana, **Door Co**, Ridges Sanctuary, 24 Jun 2023, KEJ
Notocelia rosaecolana, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Olethreutes concinnana, **Brown Co**, Barkhausen Waterfowl Preserve, 14 Jul 2023, KEJ
Olethreutes corylana, **Oconto Co**, Jack Pine Camp Rd, 29 Jun 2023, KEJ, few records in state
Olethreutes exoletum, **Brown Co**, Barkhausen Waterfowl Preserve, 14 Jul 2023, KEJ
Olethreutes fasciata, **Brown Co**, Barkhausen Waterfowl Preserve, 14 Jul 2023, KEJ
Olethreutes osmundana, **Brown Co**, Barkhausen Waterfowl Preserve, 14 Jul 2023, KEJ
Olethreutes permundana, **Oconto Co**, Jack Pine Camp Rd, 29 Jun 2023, KEJ, few records in state
Pandemis limitata, **Green Co**, Three Waters Reserve, Brodhead, 10 Jun 2023, SCB
Pelochrista cataclystiana, **Oconto Co**, Twin Pines Barrens, 5 Aug 2023, KEJ
Pelochrista palabundana, **Oconto Co**, Twin Pines Barrens, 5 Aug 2023, KEJ
Phalonidia memoranda, **Oconto Co**, Jack Pine Camp Rd, 29 Jun 2023, KEJ, few records in state
Phiaris metallica, **Door Co**, Ridges Sanctuary, 24 Jun 2023, KEJ, few records in state
Pseudexentera cressoniana, **Brown Co**, Red Banks Alvar, 11 Apr 2023, KEJ
Pseudexentera mali, **Door Co**, Ridges Sanctuary, 11 May 2023, KEJ
Pseudexentera virginiana, **Door Co**, Logan Creek Woods, 11 May 2023, KEJ
Rhopobota dietziana, **Oconto Co**, Waupee Lake Swamp, 5 Aug 2023, KEJ
Rhopobota naevana, **Oconto Co**, Glocke Lake Bog, 28 Aug 2023, KEJ
Rhyacionia busckana, **Brown Co**, Barkhausen Waterfowl Preserve, 27 Apr 2023, KEJ
Rhyacionia busckana, **Door Co**, Ridges Sanctuary, 11 May 2023, KEJ
Sparganothis flavibasana, **Oconto Co**, Jack Pine Camp Rd, 29 Jun 2023, KEJ, few records in state
Sparganothis tristriata, **Oconto Co**, Thunder Mountain Barrens, 28 Aug 2023, KEJ
Suleima cinerodorsana, **Oconto Co**, Twin Pines Barrens, 5 Aug 2023, KEJ
Zomaria interruptolineana, **Oconto Co**, Waupee Lake Swamp, 5 Aug 2023, KEJ

Uranidae:

Callizia amorata, **Oconto Co**, Jack Pine Camp Rd, 29 Jun 2023, KEJ

Ypsolophidae:

Ypsolopha canariella, **Oconto Co**, Waupee Lake Swamp, 5 Aug 2023, KEJ

Ypsolopha falciferella, **Waupaca Co**, Skunk and Foster Lakes SNA, 1 Jan 2023, KEJ

Zygaenidae:

Harrisina americana, **Brown Co**, Barkhausen Waterfowl Preserve, 14 Jul 2023, KEJ

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

Coordinator: Brian G. Scholtens

Contributors: James K. Adams (JKA), Giff Beaton (GIB), Anna Bennett (AB), Mike Chapman (MC), Joe Culin (JC2), Lance Durden (LAD), David Caldwell George (DCG), John Hyatt (JAH), Lukas Keras (LK), Rick Kergosien (RKE), Stuart Marcus (SM3), Craig W. Marks (CWM), Hugh McGuinness (HMG), Bill Murphy (BM5), iNaturalist (IN), Ricky Patterson (RLP), Jeffrey R. Slotten (JRS), Brian G. Scholtens (BGS), Tom Smith (TOS), John A. Snyder (JS4), William J. Taft, Jr. (WHT), Richard Teper (RT), Theresa Thom (THT), Paul Thompson (PT1)

Over the entire region temperatures were slightly above average with Florida and Louisiana with significantly higher temperatures than the long-term average. Severe drought centered on Louisiana in the second half of year, with much of SC, GA and southern FL having above normal precipitation for the year. Hurricane Idalia hit the Big Bend area of Florida in late August causing significant damage with high winds and heavy rains.

Surveys in the sandhills of Georgia (James Adams, Lance Durden, Brian Scholtens) continue to provide many interesting records. Eric LoPresti, Scholtens and Adams continued a survey of the Santee Coastal Reserve in SC to resample the area near the Wedge Plantation, which was originally sampled in the 1960s and 1970s (now privately owned and not accessible). These surveys have resulted in many state and county records reported here. Other major reports are from Stuart Marcus while at SLS meeting in October, Craig Marks in Louisiana, and Richard Teper in North Carolina.

RECORDS:

Alabama:

Hesperiidae:

Euphyes dion, Baldwin Co, Bon Secor NWR, 19 May 2023, CWM

Vernia vera, Baldwin Co, Bon Secor NWR, 16 May 2023, CWM

Florida:

Crambidae:

Argyrestis drumalis, Alachua Co, SW 65 Drive, 13 Oct 2023, SM3, <https://www.inaturalist.org/observations/188211487>

Erebidae:

Ephyrodes cacata, Alachua Co, SW 65 Drive, 13 Oct 2023, SM3, <https://www.inaturalist.org/observations/188211508>

Gelechiidae:

Mesophleps adustipennis, Alachua Co, SW 65 Drive, 13 Oct 2023, SM3, <https://www.inaturalist.org/observations/188211528>

Georgia:

Autostichidae:

Glyphidocera septentrionella, **Long Co.**, Townsend North WMA, 16-18 May 2023, JKA & BGS, very few in state

Crambidae:

Donacaula unipunctellus, **Bulloch Co.**, Canoochee Sandhills WMA, 20-21 Sep 2023, LAD, few in state

Elophila faulalis, **Long Co**, Townsend WMA, N tract, cypress wetland, 6 Mar 2022, LAD

Helvibotys helvialis, **Long Co.**, Townsend North WMA, 16-18 May 2023, JKA & BGS, few in state

Helvibotys helvialis, **Wheeler Co**, Alligator Creek WMA, cypress/shrub edge habitat, 21-24 Jun 2020, JKA & LAD

Microcrambus minor, **Long Co**, Townsend WMA, N tract, cypress woods, 6 Mar 2022, LAD

Parapaynx maculalis, **Ware Co**, Dixon Memorial WMA, Laura Walker Rd, 13 Apr 2022, LAD

Pyrausta generosa, **Fannin Co.**, Cooper's Creek Red Area, 10 Jun 2023, LAD, few in state
Pyrausta laticlavata, **Wheeler Co.**, Alligator Creek WMA, Rd 2, cypress, 24 Feb 2022, LAD
Scoparia dominicki, **Bulloch Co.**, Canoochee Sandhills WMA, E Rd 3, cypress wetland, 3 Feb 2022, LAD
Stegia eripalis, **Walker Co.**, Taylor's Ridgeline, 5mi W of Villanow, 18-20 Jun 2022, HMG, few in state

Erebidae:

Antiblemma perva, Glynn Co., Brunswick, 5 Nov 2022, MC, 2nd time from this location and in state
Apantesis doris, Bulloch Co., Canoochee Sandhills WMA, 13-14 May 2023, JKA & LAD, uncommon anywhere in state
Catocala carissima, Bulloch Co., Statesboro, 26 Sep 2023, LAD, uncommon, often one of the latest flying *Catocala*
Catocala grisatra, Wheeler Co., Alligator Creek WMA, 18-19 May 2023, JKA, repeats record from previous year
Catocala sappho, Whitfield Co., Rocky Face Ridgeline, just SW of Dalton, 28-29 Jun 2023, LK, one of few reliable place for this moth in GA
Catocala lincolnana, Telfair Co., Horse Creek WMA, 19-20 May 2023, JKA, few records for GA, all in south
Catocala marmorata, Towns/Union Co., Brasstown Bald area above 4100', 29 Jun-19 Jul 2023, LK & LAD, 1st record Lukas Keras, 2nd Lance Durden
Catocala mira, Walker Co., Taylor's Ridgeline, 5mi W of Villanow, 6-7 Jun 2023, JKA, 1st N GA record in many years
Catocala miranda, Walker Co., Taylor's Ridgeline, 5mi W of Villanow, 18-28 Jun 2023, JKA & LK, 4 years in a row with 4 or more individuals
Catocala sappho, Whitfield Co., Rocky Face Ridgeline, just SW of Dalton, 28-29 Jun 2023, LK, one of few reliable place for this moth in GA
Catocala serena, Walker Co., Taylor's Ridgeline, 5mi W of Villanow, 27 Jun-7 Sep 2023, JKA & LK, very uncommon in NW GA, 2nd date is late for state
Cisthene kentuckiensis, Walker Co., Taylor's Ridgeline, 5mi W of Villanow, 27 Jun-23 Sep 2023, JKA & LK, uncommon in state, 2nd date is latest for state
Euerythra phasma, Telfair Co., Horse Creek WMA, 19-20 May 2023, JKA, uncommon anywhere in state
Gondysia consobrina, **Telfair Co.**, Horse Creek WMA, 19-20 May 2023, JKA, very few in state
Haploa colona, **Long Co.**, Townsend North WMA, 16-18 May 2023, JKA & BGS, very few in state
Haploa colona, **Telfair Co.**, Horse Creek WMA, 19-20 May 2023, JKA, very few in state
Idia gopheri, Bulloch Co., Canoochee Sandhills WMA, 13-14 May 2023, JKA & LAD, uncommon, only in S GA
Idia gopheri, Wheeler Co., Alligator Creek WMA, 18-19 May 2023, JKA, uncommon, only in S GA
Metalectra albilinea, **Long Co.**, Townsend North WMA, 16-18 May 2023, JKA & BGS, uncommon
Neoplynes eudora, **Bulloch Co.**, Canoochee Sandhills WMA, 20-21 Sep 2023, LAD, very few in state
Oxycilla malaca, **Long Co.**, Townsend North WMA, 2-3 Sep 2022, JKA & BGS, very few in state
Oxycilla malaca, **Walker Co.**, Taylor's Ridgeline, 5mi W of Villanow, 10-11 May 2023, JKA, uncommon everywhere in state
Oxycilla mitographa, Telfair Co., Horse Creek WMA, 19-20 May 2023, JKA, uncommon anywhere in state
Sigela rosea, **Ware Co.**, Dixon Memorial Forest WMA, 4 Apr 2023, LAD, few in state
Sigela sordes, **Glynn Co.**, Brunswick, 6 Dec 2022, MC, 2nd in state

Gelechiidae:

Aristotelia monilella, **Long Co.**, Townsend North WMA, 16-18 May 2023, JKA & BGS, very few in state
Chionodes cacula, **Long Co.**, Townsend North WMA, 16-18 May 2023, JKA & BGS, few in state
Dichomeris glenni, **Long Co.**, Townsend North WMA, 16-18 May 2023, JKA & BGS, very few in state
Dichomeris punctidiscellus, **Long Co.**, Townsend North WMA, 16-18 May 2023, JKA & BGS, very few in state
Dichomeris vacciniella, **Long Co.**, Townsend North WMA, 16-18 May 2023, JKA & BGS, very few in state
Dichomeris ventrella, **Long Co.**, Townsend North WMA, 16-18 May 2023, JKA & BGS
Filatima pseudacaciella, **Long Co.**, Townsend North WMA, 16-18 May 2023, JKA, very few in state
Numata bipunctella, **Long Co.**, Townsend North WMA, 16-18 May 2023, JKA, possible **STATE RECORD**
Symmetrischema striatella, **Walker Co.**, Taylor's Ridgeline, 5mi W of Villanow, 18-20 Jun 2022, HMG, possible **STATE RECORD**
Telphusa perspicua, **Long Co.**, Townsend North WMA, 16-18 May 2023, JKA

Geometridae:

Cladara limitaria, **Bulloch Co.**, Canoochee Sandhills WMA, 15-24 Feb 2023, LAD, uncommon in S GA
Cyclophora culicaria, Bulloch Co., Canoochee Sandhills WMA, 13-14 May 2023, JKA & LAD, uncommon, only in S GA
Dysstroma truncata, **Towns Co.**, Brasstown Bald area above 4100', 9-11 Jun 2023, JKA, LAD, & JRS, uncommon in N GA
Eugonobapta nivosaria, **Union/Fannin Co.**, Cooper's Creek Red Area, 19-20 Apr 2023, JKA & BMS, few in state
Idaea ostentaria, **Bulloch Co.**, Canoochee Sandhills WMA, 20-21 Sep 2023, LAD, uncommon in S GA
Idaea scintillularia, **Long Co.**, Townsend North WMA, 16-18 May 2023, JKA & BGS, quite local in state
Lytrosis permagnaria, Towns Co., Brasstown Bald area above 4100', 9-11 Jun 2023, JKA, LAD, & JRS, highest elevation record for species in state
Nemoria catachloa, Bulloch Co., Canoochee Sandhills WMA, 13-14 May 2023, JKA & LAD, uncommon in S GA
Nemoria outina, Bulloch Co., Canoochee Sandhills WMA, 13-14 May 2023, JKA & LAD, very uncommon in S GA
Palaeocrita merriccata, **Bulloch Co.**, Canoochee Sandhills WMA, 15-16 Feb 2023, LAD, local in state
Synchlora cupedinaria, **Glynn Co.**, Brunswick, 17 Aug 2023, MC, 3rd or 4th in state
Timandra amaturaria, **Telfair Co.**, Horse Creek WMA, 19-20 May 2023, JKA, uncommon in state

Glyphipterigidae:

Diploschizia lanista, **Long Co.**, Townsend North WMA, 16-18 May 2023, JKA & BGS

Gracillariidae:

Caloptilia belfragella, **Long Co.**, Townsend North WMA, 16-18 May 2023, JKA & BGS, very few records in state
Caloptilia hypericella, **Long Co.**, Townsend North WMA, 16-18 May 2023, JKA & BGS, very few records in state
Phyllonorycter mandarinella, **Walker Co.**, Taylor's Ridgeline, 5mi W of Villanow, 18-20 Jun 2022, HMG

Hepialidae:

Gazoryctra sciophanes, Towns/Union Co., Brasstown Bald area above 4100', 9-11 Jun 2023, JKA, LAD, & JRS, repeats records from previous year

Noctuidae:

Abrastola ovalis, Walker Co., Taylor's Ridgeline, 5mi W of Villanow, 20 Apr-8 May 2023, JKA, 2nd and 3rd record from site in past two years
Acherdoa ferraria, **Long Co.**, Townsend North WMA, 16-18 May 2023, JKA & BGS, restricted to coastal areas
Acrapex relicta, **Long Co.**, Townsend North WMA, 16-18 May 2023, JKA & BGS, 4th location in state
Acronicta morula, **Long Co.**, Townsend North WMA, 16-18 May 2023, JKA & BGS, uncommon on coastal plain
Argillophora furcilla, **Telfair Co.**, Horse Creek WMA, 19-20 May 2023, JKA, uncommon this far south
Bagisara brouana, Bulloch Co., Canoochee Sandhills WMA, 20-21 Sep 2023, LAD, uncommon in GA
Feralia comstocki, Union Co., Cooper's Creek Rec Area, 19-20 Apr 2023, JKA & BM5, uncommon, only in N GA mts
Feralia jocosus, **Gordon Co.**, Calhoun (Adams residence), 26 Mar 2023, JKA, farthest SW in state
Heliocheilus paradoxus, **Evans Co.**, Ft. Stewart area, 29 Mar 2023, GIB, 2nd or 3rd in state
Lithophane hemina, **Union/Fannin Co.**, Cooper's Creek Red Area, 19-20 Apr 2023, JKA & BM5
Lithophane innominata, **Union/Fannin Co.**, Cooper's Creek Red Area, 19-20 Apr 2023, JKA & BM5
Lithophane lanei, **Union/Fannin Co.**, Cooper's Creek Red Area, 19-20 Apr 2023, JKA & BM5
Lithophane querquera, **Union/Fannin Co.**, Cooper's Creek Red Area, 19-20 Apr 2023, JKA & BM5
Malliatha concinnimacula, Towns/Union Co., Brasstown Bald area above 4100', 9-11 Jun 2023, JKA, LAD, & JRS, one of few places this species is found in GA
Mouralia tinctorides, Bulloch Co., Statesboro, 24 Sep 2023, LAD, at bait, this very uncommon species seems common here
Papaipema arctivorens, **Walker Co.**, Taylor's Ridgeline, 5mi W of Villanow, 6-7 Sep 2023, JKA
Papaipema duovata, **Glynn Co.**, Brunswick, 22 Nov 2022, MC, very few in state
Papaipema inquaesita, **Fulton Co.**, Serenbe, 21 Sep 2022, GIB
Ponomotia parvula, Bulloch Co., Canoochee Sandhills WMA, 24-25 Mar 2023, LAD, uncommon, only in S GA
Pseudeustrotia indeterminata, Long Co., Townsend North WMA, 16-18 May 2023, JKA & BGS, local on coastal plain
Pyreferra citrombra, **Union/Fannin Co.**, Cooper's Creek Red Area, 19-20 Apr 2023, JKA & BM5, farthest SW in state
Schinia rufipenna, **Bulloch Co.**, Canoochee Sandhills WMA, 6-7 Oct 2023, JKA & LaD, **STATE RECORD**
Sympistis badistriga, Wheeler Co., Alligator Creek WMA, 18-19 May 2023, JKA, uncommon and far S in state
Tarache terminimaculata, **Glynn Co.**, Brunswick, 24 Feb 2023, MC, few in state
Trichordestra beanii, **Bulloch Co.**, Canoochee Sandhills WMA, 20-21 Sep 2023, LAD, 2nd known from state
Xanthopastis regnatrix, **McIntosh Co.**, Eulonia, lights at Motel 6, 16-18 May 2023, JKA & BGS

Notodontidae:

Heterocampa pulverea, Gordon Co., Calhoun (Adams residence), 16 Nov 2023, JKA, very late date

Oecophoridae:

Fabiola edithella, **Walker Co.**, Taylor's Ridgeline, 5mi W of Villanow, 18-20 Jun 2022, HMG, possible **STATE RECORD**

Prodoxidae:

Lampronia russatella, **Walker Co.**, Taylor's Ridgeline, 5mi W of Villanow, 18-20 Jun 2022, HMG, **STATE RECORD**

Pyalidae:

Acrobasis amplexella, **Long Co.**, Townsend North WMA, 16-18 May 2023, JKA & BGS, few in state
Acrobasis caryalbella, **Walker Co.**, Taylor's Ridgeline, 5mi W of Villanow, 18-20 Jun 2022, HMG, possible **STATE RECORD**
Acrobasis cunulae, **Walker Co.**, Taylor's Ridgeline, 5mi W of Villanow, 18-20 Jun 2022, HMG, few in state
Acrobasis elyi, **Walker Co.**, Taylor's Ridgeline, 5mi W of Villanow, 18-20 Jun 2022, HMG, possible **STATE RECORD**
Acrobasis exsulella, **Walker Co.**, Taylor's Ridgeline, 5mi W of Villanow, 18-20 Jun 2022, HMG
Acrobasis indigenella, **Long Co.**, Townsend North WMA, 16-18 May 2023, JKA & BGS, few in state
Acrobasis minimella, **Walker Co.**, Taylor's Ridgeline, 5mi W of Villanow, 18-20 Jun 2022, HMG, few in state
Acrobasis palliolella, **Walker Co.**, Taylor's Ridgeline, 5mi W of Villanow, 18-20 Jun 2022, HMG, possible **STATE RECORD**
Acrobasis tumidulella, **Walker Co.**, Taylor's Ridgeline, 5mi W of Villanow, 18-20 Jun 2022, HMG, few in state
Aphomia fulminalis, **Walker Co.**, Taylor's Ridgeline, 5mi W of Villanow, 18-20 Jun 2022, HMG, few in state
Baphala pallida, **Walker Co.**, Taylor's Ridgeline, 5mi W of Villanow, 18-20 Jun 2022, HMG, few in state
Cacotherapia unicoloralis, **Long Co.**, Townsend North WMA, 16-18 May 2023, JKA & BGS, very few in state
Eurythmia hospitella, **Long Co.**, Townsend North WMA, 16-18 May 2023, JKA & BGS, few in state
Galleria mellonella, **Bulloch Co.**, Canoochee Sandhills WMA, S connector off Rd 2, 25 Nov 2020, LAD
Goya stictella, **Walker Co.**, Taylor's Ridgeline, 5mi W of Villanow, 18-20 Jun 2022, HMG, few in state
Immyrta nigrovittella, **Walker Co.**, Taylor's Ridgeline, 5mi W of Villanow, 18-20 Jun 2022, HMG, possible **STATE RECORD**
Pococera aplastella, **Walker Co.**, Taylor's Ridgeline, 5mi W of Villanow, 18-20 Jun 2022, HMG, few in state

Saturniidae:

Hemileuca sandra, Gordon Co., Adairsville (1314 Plainview Rd), 19 Nov-3 Dec 2023, JKA, recorded on several dates, only the second time it has been taken in December in NW GA

Sesiidae:

Synanthedon exitiosa, Walker Co., Taylor's Ridgeline, 5mi W of Villanow, 20-21 Aug 2023, JKA, female (not often seen), and unusual in light trap

Sphingidae:

Sphinx franckii, Walker Co., Taylor's Ridgeline, 5mi W of Villanow, 20-21 Aug 2023, JKA, one of two rather reliable sites in N GA

Thyrididae:

Dysodia oculatana, **Walker Co.**, Taylor's Ridgeline, 5mi W of Villanow, 20-21 Aug 2023, JKA, few in state, 1st in many years

Tineidae:

Acrolophus spilotus, **Long Co.**, Townsend North WMA, 16-18 May 2023, JKA & BGS, very few in state
Amydria dyarella, **Long Co.**, Townsend North WMA, 16-18 May 2023, JKA & BGS, few in state
Scardia anatomella, **Towns Co.**, Brasstown Bald area above 4100', 9-11 Jun 2023, JKA, LAD, & JRS, few in state

Tischeriidae:

Coptotriche zelleriella, **Walker Co.**, Taylor's Ridgeline, 5mi W of Villanow, 18-20 Jun 2022, HMG, few in state

Tortricidae:

Aethes bomonana, **Long Co.**, Townsend North WMA, 16-18 May 2023, JKA & BGS, very few in state

Aethes razowskii, **Walker Co.**, Taylor's Ridgeline, 5mi W of Villanow, 18-20 Jun 2022, HMG

Atroposia oenotherana, **Long Co.**, Townsend North WMA, 16-18 May 2023, JKA & BGS, few in state

Cenopis chambersana, **Walker Co.**, Taylor's Ridgeline, 5mi W of Villanow, 18-20 Jun 2022, HMG, few in state

Cenopis diluticostana, **Long Co.**, Townsend North WMA, 16-18 May 2023, JKA & BGS, few in state

Cochylischroa glaucofusca, **Glynn Co.**, Brunswick, 20 Apr 2023, MC, 2nd in state

Cydia anaranjada, **Long Co.**, Townsend North WMA, 16-18 May 2023, JKA & BGS, few in state

Dichrorampha broui, **Bulloch Co.**, Canoochee Sandhills WMA, E Rd 3, cypress/sandhill, 4 Apr 2022, LAD

Dichrorampha broui, **Ware Co.**, Dixon Memorial WMA, wetland on rd 138, 13 Apr 2022, LAD

Epiblema discretivana, **Ware Co.**, Dixon Memorial WMA, wetland on rd 138, 13 Apr 2022, LAD

Epiblema exacerbatricana, **Long Co.**, Townsend North WMA, 16-18 May 2023, JKA & BGS, very few in state

Epiblema glaseri, **McIntosh Co.**, Sapelo Island, Miller Pump Rd, 26 Apr 2019, JKA, LAD, JAH, newly described, **STATE RECORD**

Epiblema minutana, **Ware Co.**, Dixon Memorial WMA, Laura Walker Rd, 13 Apr 2022, LAD

Eucosma grindeliana, **Long Co.**, Townsend North WMA, 16-18 May 2023, JKA & BGS, very few in state

Grapholita packardii, **Ware Co.**, Dixon Memorial WMA, wetland on rd 138, 13 Apr 2022, LAD

Gretchena concitatricana, **Walker Co.**, Taylor's Ridgeline, 5mi W of Villanow, 18-20 Jun 2022, HMG, few in state

Olethreutes griseoalbana, **Ware Co.**, Dixon Memorial WMA, wetland on rd 138, 13 Apr 2022, LAD

Pelochrista adamantana, **Bulloch Co.**, Canoochee Sandhills WMA, 20-21 Sep 2023, LAD, quite local in state

Phaenocarpa niveiguttana, **Ware Co.**, Dixon Memorial WMA, wetland on rd 138, 13 Apr 2022, LAD

Phtheochroa birdana, **Towns Co.**, Brasstown Bald area above 4100', 11-12 Sep 2023, LAD, few in state

Pseudexentera faracana, **Bulloch Co.**, Canoochee Sandhills WMA, E Rd 3, sandhill, 22 Mar 2022, LAD

Pseudexentera faracana, **Long Co.**, Townsend WMA, N tract, cypress woods, 6 Mar 2022, LAD

Pseudexentera faracana, **Wheeler Co.**, Alligator Creek WMA, Rd 2, cypress, 24 Feb 2022, LAD

Pseudexentera hodsoni, **Long Co.**, Townsend WMA, N tract, cypress wetland, 6 Mar 2022, LAD

Rhopobota naevana, **Long Co.**, Townsend North WMA, 16-18 May 2023, JKA & BGS, very few in state

Zomaria andromedana, **Long Co.**, Townsend North WMA, 16-18 May 2023, JKA & BGS, very few in state

Zomaria rosaochreana, **Ware Co.**, Dixon Memorial WMA, wetland on rd 138, 13 Apr 2022, LAD

Louisiana:

Hesperiidae:

Euphyes dukesi, **Pointe Coupee Parish**, Sherburne WMA, 16 Apr 2023, CWM

Euphyes dukesi, St Martin Parish, Indian Bayou WMA, 3 Jul 2023, CWM, 163 seen in multiple locations

Nymphalidae:

Phyciodes phaon, St. Martin Parish, Indian Bayou WMA, 15 Jun 2023, CWM, 218 seen in multiple locations

Sesiidae:

Carmenta odda, **Calcasieu Parish**, Niblets Cemetery along Sabine River, 31 May-2 Jun 2023, WHT

Paranthrene dollii, **Calcasieu Parish**, E of Vinton at stream crossing, 30.2103N 93.5466W, 31 May-2 Jun 2023, WHT

Mississippi:

Erebidae:

Doryodes bistrialis, Jackson Co., Grand Bay NWR, 4 Sep 2023, RLP, 2nd record for state

Eudocima apta, **Amite Co.**, Gloster Arboretum, 27 Jun 2003, unknown collector, **STATE RECORD**

Eudocima apta, Jackson Co., Grand Bay NWR, 15 Jun 2023, RLP, at banana bait

Noctuidae:

Schinia sanguinea, **Jackson Co.**, Grand Bay NWR, 20 Sep 2023, RLP

Saturniidae:

Automeris louisiana, Harrison Co., Long Beach, 25 Mar 2023, RKE, at UV light

Sesiidae:

Synanthedon sapygaeformis, **Forest Co.**, Hattiesburg, 11 Oct 2021, IN, photo, **STATE RECORD**

North Carolina:

Apatelodidae:

Apatelodes torrefacta, **Caswell Co.**, Caswell Game Lands, 25 Sep 2023, RT & DCG

Argyresthiidae:

Argyresthia calliphanes, **Swain Co.**, Bryson City, 29-30 Jul 2023, RT & DCG

Autostichidae:

Gerdana caritella, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Glyphidocera democratica, **New Hanover Co.**, Carolina Beach SP, 21-22 May 2023, RT & DCG
Glyphidocera dimorphella, **Swain Co.**, Bryson City, 29 Jul 2023, RT & DCG
Glyphidocera lactiflosella, **New Hanover Co.**, Carolina Beach SP, 22 May 2023, RT & DCG
Glyphidocera lactiflosella, **Swain Co.**, Bryson City, 29-30 Jul 2023, RT & DCG
Taygete gallaegenitella, **New Hanover Co.**, Carolina Beach SP, 21-22 May 2023, RT & DCG

Blastobasidae:

Holcocera chalcofrontella, **Swain Co.**, Bryson City, 31 Jul 2023, RT & DCG
Holcocera immaculella, **New Hanover Co.**, Carolina Beach SP, 21-22 May 2023, RT & DCG
Pigritia murtfeldtella, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG

Bucculatricidae:

Bucculatrix coronatella, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG

Choreutidae:

Brenthia pavonacella, **Swain Co.**, Bryson City, 29-30 Jul 2023, RT & DCG

Cosmopterigidae:

Melanoclinis lineigera, **New Hanover Co.**, Carolina Beach SP, 21-22 May 2023, RT & DCG

Cossidae:

Cossula magnifica, **New Hanover Co.**, Carolina Beach SP, 21 May 2023, RT & DCG

Crambidae:

Agriphila ruricolellus, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Agriphila vulgigagellus, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Anageshna primordialis, **Swain Co.**, Bryson City, 29-30 Jul 2023, RT & DCG
Chrysandeton medicinalis, **Swain Co.**, Bryson City, 29-30 Jul 2023, RT & DCG
Crocidophora serrattissimalis, **Orange Co.**, Parker Preserve, 22 Jul 2023, RT & DCG
Desmia funeralis, **New Hanover Co.**, Carolina Beach SP, 21 May 2023, RT & DCG
Diacme adipaloides, **New Hanover Co.**, Carolina Beach SP, 21 May 2023, RT & DCG
Ecpyrhorrhoe puralis, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Elophila oblitalis, **New Hanover Co.**, Carolina Beach SP, 21-22 May 2023, RT & DCG
Elophila tinealis, **New Hanover Co.**, Carolina Beach SP, 21 May 2023, RT & DCG
Eoparargyractis irroratalis, **New Hanover Co.**, Carolina Beach SP, 21 May 2023, RT & DCG
Eoreuma densellus, **New Hanover Co.**, Carolina Beach SP, 21-22 May 2023, RT & DCG
Eudonia heterosalis, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Eustixia pupula, **New Hanover Co.**, Carolina Beach SP, 21-22 May 2023, RT & DCG
Glaphyria sesquialis, **New Hanover Co.**, Carolina Beach SP, 21-22 May 2023, RT & DCG
Haimbachia albescens, **New Hanover Co.**, Carolina Beach SP, 21 May 2023, RT & DCG
Herpetogramma fluctuosalis, **New Hanover Co.**, Carolina Beach SP, 21 May 2023, RT & DCG
Herpetogramma sphingialis, **Swain Co.**, Bryson City, 29-30 Jul 2023, RT & DCG
Microcrambus minor, **New Hanover Co.**, Carolina Beach SP, 22 May 2023, RT & DCG
Microtheoris ophionalis, **New Hanover Co.**, Carolina Beach SP, 22 May 2023, RT & DCG
Patania silicalis, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Prionapteryx serpentella, **New Hanover Co.**, Carolina Beach SP, 21 May 2023, RT & DCG
Thaumatopsis floridella, **New Hanover Co.**, Carolina Beach SP, 21 May 2023, RT & DCG
Vaxi critica, **Caswell Co.**, Caswell Game Lands, 25 Sep 2023, RT & DCG

Depressariidae:

Agonopterix robinella, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Agonopterix thelmae, **Swain Co.**, Bryson City, 29-30 Jul 2023, RT & DCG
Antaeotricha decorosella, **New Hanover Co.**, Carolina Beach SP, 22 May 2023, RT & DCG
Antaeotricha humilis, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Antaeotricha osseella, **Swain Co.**, Bryson City, 29-30 Jul 2023, RT & DCG
Menesta melanella, **Swain Co.**, Bryson City, 29 Jul 2023, RT & DCG
Psilocorsis quercicella, **Swain Co.**, Bryson City, 29-30 Jul 2023, RT & DCG
Rectiostoma xanthobasis, **Swain Co.**, Bryson City, 29 Jul 2023, RT & DCG
Scythriodes issikii, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG

Drepanidae:

Oreta rosea, **Caswell Co.**, Caswell Game Lands, 25 Sep 2023, RT & DCG

Dryadulidae:

Doleromorpha porphyria, **Swain Co.**, Bryson City, 29-30 Jul 2023, RT & DCG
Dryadula visaliella, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG, 1st record from NC mountains

Erebidae:

Allotria elonympha, **Caswell Co.**, Caswell Game Lands, 25 Sep 2023, RT & DCG
Apantesis parthenice, **Caswell Co.**, Caswell Game Lands, 25 Sep 2023, RT & DCG
Apantesis phalerata, **Caswell Co.**, Caswell Game Lands, 25 Sep 2023, RT & DCG
Catocala messalina, **New Hanover Co.**, Carolina Beach SP, 21-22 May 2023, RT & DCG
Catocala umbrosa, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Celiptera frustulum, **Caswell Co.**, Caswell Game Lands, 25 Sep 2023, RT & DCG

Cisthene packardii, **Caswell Co.**, Caswell Game Lands, 25 Sep 2023, RT & DCG
Clemensia albata, **Caswell Co.**, Caswell Game Lands, 25 Sep 2023, RT & DCG
Clemensia umbrata, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Crambidia xanthocarpa, **Caswell Co.**, Caswell Game Lands, 25 Sep 2023, RT & DCG
Hypena palparia, **New Hanover Co.**, Carolina Beach SP, 22 May 2023, RT & DCG
Macrochilo hypocritalis, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Metalectra albilinea, **New Hanover Co.**, Carolina Beach SP, 21 May 2023, RT & DCG
Panopoda carneicosta, **Caswell Co.**, Caswell Game Lands, 25 Sep 2023, RT & DCG
Pseudanthracia coracias, **New Hanover Co.**, Carolina Beach SP, 22 May 2023, RT & DCG
Zale nov. sp., **New Hanover Co.**, Carolina Beach SP, 22 May 2023, RT & DCG

Gelechiidae:

Anacampsis conclusella, **New Hanover Co.**, Carolina Beach SP, 22 May 2023, RT & DCG
Anacampsis conclusella, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Anacampsis coverdalella, **New Hanover Co.**, Carolina Beach SP, 21 May 2023, RT & DCG
Anacampsis coverdalella, **Orange Co.**, Parker Preserve, 22 Jul 2023, RT & DCG
Aristotelia rubidella, **New Hanover Co.**, Carolina Beach SP, 22 May 2023, RT & DCG
Aroga compositella, **New Hanover Co.**, Carolina Beach SP, 21 May 2023, RT & DCG
Arogalea cristifasciella, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Chionodes mediofasciella, **Caswell Co.**, Caswell Game Lands, 25 Sep 2023, RT & DCG
Coleotechnites albicostata, **Orange Co.**, Parker Preserve, 22 Jul 2023, RT & DCG
Coleotechnites florum, **New Hanover Co.**, Carolina Beach SP, 21-22 May 2023, RT & DCG
Dichomeris georgiella, **Swain Co.**, Bryson City, 29 Jul 2023, RT & DCG
Dichomeris inversella, **Swain Co.**, Bryson City, 29-30 Jul 2023, RT & DCG
Dichomeris punctipennella, **Swain Co.**, Bryson City, 29 Jul 2023, RT & DCG
Exoteleia pinifoliella, **New Hanover Co.**, Carolina Beach SP, 21-22 May 2023, RT & DCG
Exoteleia pinifoliella, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Pseudochelaria pennsylvanica, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Pseudotelphusa quercinigracella, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Pubitelphusa latifasciella, **New Hanover Co.**, Carolina Beach SP, 22 May 2023, RT & DCG
Pubitelphusa latifasciella, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Sinac robinella, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Telphusa perspicua, **New Hanover Co.**, Carolina Beach SP, 21 May 2023, RT & DCG
Theisoa constrictella, **Orange Co.**, Parker Preserve, 22 Jul 2023, RT & DCG

Geometridae:

Euchlaena deductaria, **Swain Co.**, Bryson City, 29-30 Jul 2023, RT & DCG
Eupithecia regina, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Eusarca confusaria, **Caswell Co.**, Caswell Game Lands, 25 Sep 2023, RT & DCG

Glyphipterigidae:

Diploschizia impigritella, **New Hanover Co.**, Carolina Beach SP, 21 May 2023, RT & DCG

Gracillariidae:

Caloptilia invariabilis, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Caloptilia superbifrontella, **New Hanover Co.**, Carolina Beach SP, 21 May 2023, RT & DCG
Cameraria ostryarella, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Cryptotelecta strigosa, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Leucanthiza amphicarpaefoliella, **Swain Co.**, Bryson City, 29-30 Jul 2023, RT & DCG
Parectopa lespedezaefoliella, **Caswell Co.**, Caswell Game Lands, 25 Sep 2023, RT & DCG
Phyllocnistis liriodendronella, **Swain Co.**, Bryson City, 29 Jul 2023, RT & DCG

Limacodidae:

Adoneta spinuloides, **Swain Co.**, Bryson City, 29-30 Jul 2023, RT & DCG
Apoda biguttata, **Swain Co.**, Bryson City, 29-30 Jul 2023, RT & DCG
Apoda y-inversa, **Caswell Co.**, Caswell Game Lands, 25 Sep 2023, RT & DCG
Isa textula, **Caswell Co.**, Caswell Game Lands, 25 Sep 2023, RT & DCG
Isa textula, **Swain Co.**, Bryson City, 29-30 Jul 2023, RT & DCG
Prolimacodes badia, **Swain Co.**, Bryson City, 29-30 Jul 2023, RT & DCG
Tortricidia flexuosa, **Swain Co.**, Bryson City, 29 Jul 2023, RT & DCG

Noctuidae:

Acronicta funeralis, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Acronicta hasta, **Caswell Co.**, Caswell Game Lands, 25 Sep 2023, RT & DCG
Acronicta immodica, **Orange Co.**, Parker Preserve, 22 Jul 2023, RT & DCG
Anathix ralla, **Caswell Co.**, Caswell Game Lands, 25 Sep 2023, RT & DCG
Athetis tarda, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Autographa precationis, **Caswell Co.**, Caswell Game Lands, 25 Sep 2023, RT & DCG
Callopietria cordata, **Caswell Co.**, Caswell Game Lands, 25 Sep 2023, RT & DCG
Callopietria mollissima, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Chrysodeixis includens, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Cosmia calami, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG

Elaphria versicolor, **New Hanover Co.**, Carolina Beach SP, 21-22 May 2023, RT & DCG
Feltia herilis, **Caswell Co.**, Caswell Game Lands, 25 Sep 2023, RT & DCG
Homorthodes lindseyi, **Caswell Co.**, Caswell Game Lands, 25 Sep 2023, RT & DCG
Leucania scirpicola, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Oligia modica, **Caswell Co.**, Caswell Game Lands, 25 Sep 2023, RT & DCG
Papaipema furcata, **Caswell Co.**, Caswell Game Lands, 25 Sep 2023, RT & DCG
Phlogophora periculosa, **Caswell Co.**, Caswell Game Lands, 25 Sep 2023, RT & DCG
Protolampra brunneicollis, **Caswell Co.**, Caswell Game Lands, 25 Sep 2023, RT & DCG
Pseudeustrotia carneola, **Caswell Co.**, Caswell Game Lands, 25 Sep 2023, RT & DCG
Schinia arcigera, **Caswell Co.**, Caswell Game Lands, 25 Sep 2023, RT & DCG
Xestia dolosa complex, **Caswell Co.**, Caswell Game Lands, 25 Sep 2023, RT & DCG
Xestia dolosa complex, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG

Notodontidae:
Heterocampa obliqua, **Caswell Co.**, Caswell Game Lands, 25 Sep 2023, RT & DCG
Peridea angulosa, **Caswell Co.**, Caswell Game Lands, 25 Sep 2023, RT & DCG

Oecophoridae:
Besciva cf. *longitudinella*, **New Hanover Co.**, Carolina Beach SP, 21-22 May 2023, RT & DCG, **STATE RECORD**
Callima argenticinctella, **Swain Co.**, Bryson City, 29-30 Jul 2023, RT & DCG
Decantha stecia, **New Hanover Co.**, Carolina Beach SP, 21-22 May 2023, RT & DCG
Inga sparsiciliella, **New Hanover Co.**, Carolina Beach SP, 21 May 2023, RT & DCG
Promalactis suzukiella, **Caswell Co.**, Caswell Game Lands, 25 Sep 2023, RT

Psychidae:
Kearfottia albifasciella, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG

Pterolonchidae:
Homaledra knudsoni, **New Hanover Co.**, Carolina Beach SP, 21 May 2023, RT & DCG, **STATE RECORD**

Pterophoridae:
Geina buscki, **New Hanover Co.**, Carolina Beach SP, 21 May 2023, RT & DCG

Pyralidae:
Achroia grisella, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Acrobasis caryae, **Caswell Co.**, Caswell Game Lands, 25-29 Sep 2023, RT
Aphomia sociella, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Cacotherapia unipuncta, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG, 1st record from NC mountains
Clydonopteron sacculana, **New Hanover Co.**, Carolina Beach SP, 21 May 2023, RT & DCG
Eulogia ochrifrontella, **New Hanover Co.**, Carolina Beach SP, 22 May 2023, RT & DCG
Eulogia ochrifrontella, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Heliades mulleolella, **New Hanover Co.**, Carolina Beach SP, 21-22 May 2023, RT & DCG
Homosassa ella, **New Hanover Co.**, Carolina Beach SP, 21 May 2023, RT & DCG
Laetilia myersella, **New Hanover Co.**, Carolina Beach SP, 21 May 2023, RT & DCG
Phycitodes mucidellum, **Caswell Co.**, Caswell Game Lands, 30 Jul 2023, RT & DCG
Pococera asperatella, **New Hanover Co.**, Carolina Beach SP, 21 May 2023, RT & DCG
Pococera robustella, **New Hanover Co.**, Carolina Beach SP, 21-22 May 2023, RT & DCG
Salebriaria engeli, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Salebriaria squamopalpiella, **New Hanover Co.**, Carolina Beach SP, 21 May 2023, RT & DCG
Sciota uvinella, **New Hanover Co.**, Carolina Beach SP, 21 May 2023, RT & DCG
Tallula atrifascialis, **New Hanover Co.**, Carolina Beach SP, 21 May 2023, RT & DCG
Tampa dimediatella, **New Hanover Co.**, Carolina Beach SP, 21-22 May 2023, RT & DCG
Tlascala reductella, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Varneria postremella, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG

Sphingidae:
Ceratomia amyntor, **Orange Co.**, Hillsborough, 15 Jul 2023, RT
Manduca jasminearum, **Orange Co.**, Parker Preserve, 22 Jul 2023, RT & DCG
Paonias astylus, **Swain Co.**, Bryson City, 29 Jul 2023, RT & DCG

Tineidae:
Acrolophus arcanella, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Acrolophus panamae, **New Hanover Co.**, Carolina Beach SP, 21 May 2023, RT & DCG
Acrolophus popeanella, **New Hanover Co.**, Carolina Beach SP, 21 May 2023, RT & DCG
Acrolophus spilotus, **New Hanover Co.**, Carolina Beach SP, 21-22 May 2023, RT & DCG
Diachorisia velatella, **Swain Co.**, Bryson City, 29 Jul 2023, RT & DCG
Hybroma servulella, **Swain Co.**, Bryson City, 29 Jul 2023, RT & DCG
Mea bipunctella, **New Hanover Co.**, Carolina Beach SP, 21-22 May 2023, RT & DCG
Oenoe hybromella, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Philonome clemensella, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Tinea apicimaculella, **New Hanover Co.**, Carolina Beach SP, 21-22 May 2023, RT & DCG
Tinea mandarinella, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Xylesthia pruniramiella, **New Hanover Co.**, Carolina Beach SP, 21 May 2023, RT & DCG

Tischeriidae:

Coptotriche purinosella, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG, 1st record from NC mountains

Tortricidae:

Acleris placidana, **Swain Co.**, Bryson City, 29 Jul 2023, RT & DCG
Aethes argentilimitana, **Swain Co.**, Bryson City, 29 Jul 2023, RT & DCG
Ancylis divisana, **Swain Co.**, Bryson City, 29-30 Jul 2023, RT & DCG
Archips argyrospila, **New Hanover Co.**, Carolina Beach SP, 21-22 May 2023, RT & DCG
Archips georgiana, **New Hanover Co.**, Carolina Beach SP, 21-22 May 2023, RT & DCG
Archips magnoliana, **New Hanover Co.**, Carolina Beach SP, 22 May 2023, RT & DCG
Argyrotaenia juglandana, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Argyrotaenia kimballi, **New Hanover Co.**, Carolina Beach SP, 21 May 2023, RT & DCG
Argyrotaenia pinatubana, **Swain Co.**, Bryson City, 29-30 Jul 2023, RT & DCG
Argyrotaenia quercifolia, **New Hanover Co.**, Carolina Beach SP, 21-22 May 2023, RT & DCG
Argyrotaenia quercifolia, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Argyrotaenia tabulana, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Atroposia oenotherana, **New Hanover Co.**, Carolina Beach SP, 21 May 2023, RT & DCG
Cenopsis directana, **New Hanover Co.**, Carolina Beach SP, 21-22 May 2023, RT & DCG
Cenopsis directana, **Swain Co.**, Bryson City, 29-30 Jul 2023, RT & DCG
Cenopsis reticulatana, **Swain Co.**, Bryson City, 29 Jul 2023, RT & DCG
Choristonerua pinus, **New Hanover Co.**, Carolina Beach SP, 22 May 2023, RT & DCG
Choristonerua rosaceana, **New Hanover Co.**, Carolina Beach SP, 21-22 May 2023, RT & DCG
Clepsis virescens, **Swain Co.**, Bryson City, 29-30 Jul 2023, RT & DCG
Coelostathma discopunctana, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Cydia ingens, **New Hanover Co.**, Carolina Beach SP, 21 May 2023, RT & DCG
Cydia latiferreana, **Caswell Co.**, Caswell Game Lands, 25 Sep 2023, RT & DCG
Ecdytolopha mana, **New Hanover Co.**, Carolina Beach SP, 21 May 2023, RT & DCG
Endothenia hebesana, **Swain Co.**, Bryson City, 29 Jul 2023, RT & DCG
Epiblema brightonana, **Swain Co.**, Bryson City, 29-30 Jul 2023, RT & DCG
Epiblema gibsoni, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Epinotia transmissana, **Orange Co.**, Parker Preserve, 22 Jul 2023, RT & DCG
Epinotia transmissana, **Swain Co.**, Bryson City, 29-30 Jul 2023, RT & DCG
Eucosma grindeliana, **New Hanover Co.**, Carolina Beach SP, 21 May 2023, RT & DCG
Eucosma parmatana, **Caswell Co.**, Caswell Game Lands, 25 Sep 2023, RT & DCG
Eucosma parmatana, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Eucosma sombreana, **Swain Co.**, Bryson City, 29-30 Jul 2023, RT & DCG
Eucosma tomonana, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Eugnosta erigeronana, **New Hanover Co.**, Carolina Beach SP, 21 May 2023, RT & DCG
Eumaroza malachitana, **Caswell Co.**, Caswell Game Lands, 25 Sep 2023, RT & DCG
Gymnandrosoma punctidiscanum, **New Hanover Co.**, Carolina Beach SP, 21-22 May 2023, RT & DCG
Gymnandrosoma punctidiscanum, **Swain Co.**, Bryson City, 29 Jul 2023, RT & DCG
Larisa subsolana, **New Hanover Co.**, Carolina Beach SP, 21-22 May 2023, RT & DCG
Olethreutes inornatana, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Olethreutes lacunatum, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Olethreutes osmundana, **Swain Co.**, Bryson City, 29 Jul 2023, RT & DCG
Pandemis lamprosa, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Phaenocarpa confixana, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Platynota exasperatana, **New Hanover Co.**, Carolina Beach SP, 21 May 2023, RT & DCG
Platynota exasperatana, **Swain Co.**, Bryson City, 29-30 Jul 2023, RT & DCG
Platynota flavedana, **New Hanover Co.**, Carolina Beach SP, 21-22 May 2023, RT & DCG
Platynota idaeusalis, **Swain Co.**, Bryson City, 29-30 Jul 2023, RT & DCG
Pseudogalleria inimicella, **New Hanover Co.**, Carolina Beach SP, 21 May 2023, RT & DCG
Retinia gemistrigulana, **New Hanover Co.**, Carolina Beach SP, 21-22 May 2023, RT & DCG
Rhyacionia rigidana, **New Hanover Co.**, Carolina Beach SP, 22 May 2023, RT & DCG
Sonia constrictana, **New Hanover Co.**, Carolina Beach SP, 21-22 May 2023, RT & DCG
Sparganothis caryae, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Sparganothis sulfureana, **New Hanover Co.**, Carolina Beach SP, 21 May 2023, RT & DCG
Zomaria interruptolineana, **New Hanover Co.**, Carolina Beach SP, 21 May 2023, RT & DCG

Yponomeutidae:

Euhypnomomeutoides graciliariella, **Swain Co.**, Bryson City, 29 Jul 2023, RT & DCG
Swammerdamia caesiella, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG
Zelleria retiniella, **New Hanover Co.**, Carolina Beach SP, 21-22 May 2023, RT & DCG
Zelleria retiniella, **Swain Co.**, Bryson City, 30 Jul 2023, RT & DCG

South Carolina:

Bucculatricidae:

- Bucculatrix ambrosiaefoliella*, **Beaufort Co.**, Spring Island, 14 May 2021, BGS, dissected male, **STATE RECORD**
Bucculatrix angustata, **Beaufort Co.**, Spring Island, 27 Feb 2021, BGS, dissected male
Bucculatrix copeuta, **Beaufort Co.**, Spring Island, 13 Mar-11 Dec 2021, BGS, dissected males, **STATE RECORD**
Bucculatrix coronatella, **Beaufort Co.**, Spring Island, 17 Apr-11 Jun 2021, BGS, dissected male & female
Bucculatrix coronatella, Richland Co., Congaree NP, 17 Apr 2010, JC2, JS4, TOS, confirmed with dissected male
Bucculatrix ivella, **Beaufort Co.**, Spring Island, 13-14 Aug 2021, BGS, dissected male & female, **STATE RECORD**
Bucculatrix magnella, Charleston Co., Francis Marion NF, Halfway Creek Rd, 17 May 2020, BGS, dissected male
Bucculatrix montana, **Berkeley Co.**, Francis Marion NF, Halfway Creek Rd, pitcherplant bog, 17 May 2020, BGS, dissected male, **STATE RECORD**
Bucculatrix recognita/luteella, **Beaufort Co.**, Spring Island, 17 Apr-11 Dec 2021, BGS, dissected male & female
Bucculatrix solidaginiella, **Berkeley Co.**, Francis Marion NF, Halfway Creek Rd, pitcherplant bog, 17 May 2020, BGS, dissected male, **STATE RECORD**
Bucculatrix cf. staintonella, **Charleston Co.**, Santee Coastal Reserve, 31 Mar 2023, BGS, dissected female, **STATE RECORD**

Coleophoridae:

- Coleophora laticornella*, **Charleston Co.**, Francis Marion NF, Halfway Creek Rd, 17 May 2020, BGS, dissected male, **STATE RECORD**
Coleophora laticornella, **Berkeley Co.**, Francis Marion NF, Halfway Creek Rd, pitcherplant bog, 17 May 2020, BGS, dissected male, **STATE RECORD**

Cosmopterigidae:

- Cosmopterix nitens*, Charleston Co., Santee Coastal Reserve, 15 May 2023, BGS
Pyroderces albistrigella, Charleston Co., Santee Coastal Reserve, 7 Oct 2023, JKA

Crambidae:

- Anania leuschneri*, Charleston Co., Santee Coastal Reserve, 31 Mar 2023, BGS
Argyria rufisignella, **Beaufort Co.**, Spring Island, 14 Aug 2021, BGS
Carectocultus dominicki, Charleston Co., Santee Coastal Reserve, 15 May 2023, BGS
Diastictis baccatalis, Charleston Co., Santee Coastal Reserve, 7 Oct 2023, BGS, formerly in *Samea*
Haimbachia placidellus, Charleston Co., Santee Coastal Reserve, 15 May 2023, BGS
Langessa nomophilalis, Charleston Co., Santee Coastal Reserve, 28 Jun 2023, BGS
Lipocosma septa, Charleston Co., Santee Coastal Reserve, 28 Jun 2023, BGS
Parapoynx obscuralis, Lexington Co., Harbison SF, Education Center, 5 Oct 2023, BGS
Pilocrocis ramentalis, Charleston Co., Santee Coastal Reserve, 7 Oct 2023, JKA
Terastia meticulosalis, **Beaufort Co.**, Spring Island, 13 Aug 2021, BGS

Depressariidae:

- Depressaria cinereocostella*, Charleston Co., Santee Coastal Reserve, 28 Jun 2023, BGS

Elachistidae:

- Elachista aristoteliella*, **Beaufort Co.**, Spring Island, 13-14 Aug 2021, BGS, **STATE RECORD**

Erebidae:

- Dyspyralis ocala*, **Charleston Co.**, Francis Marion NF, Ion Swamp homesite, 16 May 2023, BGS, **STATE RECORD**
Hypena degasalis, Charleston Co., Santee Coastal Reserve, 7 Oct 2023, JKA
Hypena ramstadtii, Charleston Co., Francis Marion NF, Ion Swamp homesite, 16 May 2023, BGS
Metallata absumens, **Beaufort Co.**, Spring Island, 13-14 Aug 2021, BGS
Oxycilla mitographa, Charleston Co., Francis Marion NF, Ion Swamp trail, 16 May 2023, BGS

Gelechiidae:

- Dichomeris costarufiella*, **Beaufort Co.**, Spring Island, 13-14 Aug 2021, BGS
Dichomeris ochripalpella, Charleston Co., Santee Coastal Reserve, 28 Jun 2023, BGS
Frumenta nundinella, Charleston Co., Santee Coastal Reserve, 15 May 2023, BGS
Isophrictis rudbeckiella, Charleston Co., Santee Coastal Reserve, 7-27 Oct 2023, BGS & JKA

Geometridae:

- Iridopsis cypressaria*, Charleston Co., Francis Marion NF, cypress on FS202, 16 May 2023, BGS & JKA

Noctuidae:

- Acrapex relictata*, Charleston Co., Santee Coastal Reserve, 15 May 2023, BGS
Acrapex relictata, Charleston Co., Francis Marion NF, Ion Swamp trail, 16 May 2023, BGS
Acronicta brumosa, Charleston Co., Santee Coastal Reserve, 15 May 2023, BGS

Nolidae:

- Meganola georgei*, **Charleston Co.**, Francis Marion NF, Ion Swamp trail, 16 May 2023, BGS, **STATE RECORD**

Psychidae:

- Basicladus celibatus*, **Beaufort Co.**, Spring Island, 13-14 Aug 2021, BGS

Pyalidae:

- Aphomia terrenella*, Charleston Co., Francis Marion NF, Ion Swamp homesite, 16 May 2023, BGS
Honora mellinella, Charleston Co., Santee Coastal Reserve, 27 Oct 2023, BGS, 2nd state record
Salebriaria integra, **Charleston Co.**, Francis Marion NF, cypress on FS202, 16 May 2023, BGS & JKA, **STATE RECORD**
Varneria atrifasciella, Charleston Co., Santee Coastal Reserve, 18 Aug-27 Oct 2023, BGS

Tischeriidae:

- Astrotischeria* sp., **Beaufort Co.**, Spring Island, 14 Aug 2021, BGS, dissected male
Astrotischeria cf. *solidagonifoliella*, **Berkeley Co.**, Francis Marion NF, Halfway Creek Rd, pitcherplant bog, 17 May 2020, BGS, dissected male, **STATE RECORD**
Coptotriche aenea, **Beaufort Co.**, Spring Island, 15 May 2021, BGS, dissected male, **STATE RECORD**
Coptotriche cf. *agrimoniella*, **Beaufort Co.**, Spring Island, 11 Jun 2021, BGS, dissected female, **STATE RECORD**
Coptotriche castaneaella, **Beaufort Co.**, Spring Island, 16 Apr-10 Dec 2021, BGS, dissected male & female, **STATE RECORD**
Coptotriche clemensella, **Beaufort Co.**, Spring Island, 11 Jun 2021, BGS, dissected male, **STATE RECORD**
Coptotriche cf. *concolor*, **Beaufort Co.**, Spring Island, 11 Jun-14 Aug 2021, BGS, dissected male, **STATE RECORD**
Coptotriche fuscomarginella, **Beaufort Co.**, Spring Island, 14 Aug 2021, BGS, dissected male
Coptotriche fuscomarginella, **Richland Co.**, Congaree NP, 22 Sep 2010, THT, confirmed with dissected male, **STATE RECORD**
Coptotriche cf. *lucida*, **Beaufort Co.**, Spring Island, 16-17 Apr 2021, BGS, dissected male, **STATE RECORD**
Coptotriche simulata, **Beaufort Co.**, Spring Island, 14 Aug-10 Dec 2021, BGS, dissected male
Coptotriche simulata, **Chesterfield Co.**, Cheraw SP, Camp Juniper, 9 Oct 2010, BGS, dissected male, **STATE RECORD**
Tischeria quercitella, **Charleston Co.**, Stono Preserve, 5 Sep 2015, BGS, dissected male

Tortricidae:

- Aethes argentilimitana*, **Charleston Co.**, Santee Coastal Reserve, 15 May 2023, JKA, **STATE RECORD**
Bactra priapea, **Charleston Co.**, Santee Coastal Reserve, 28 Jun 2023, BGS
Cenopis cana, **Charleston Co.**, Francis Marion NF, Ion Swamp homesite, 16 May 2023, BGS
Choristoneura parallela, **Charleston Co.**, Santee Coastal Reserve, 28 Jun & 7 Oct 2023, BGS & JKA
Epiblema glaseri, **Richland Co.**, Congaree NP, Research Learning Center, 17 Sep 2010, JC2, JS4, BGS, & TOS, species newly described, **STATE RECORD**
Epiblema insidiosana, **Charleston Co.**, Santee Coastal Reserve, 15 May 2023, JKA, **STATE RECORD**
Pelochrista womonana, **Charleston Co.**, Francis Marion NF, cypress on FS202, 16 May 2023, BGS & JKA
Phtheochroa modestana, **Charleston Co.**, Santee Coastal Reserve, 7 Oct 2023, BGS
Rhopobotra naevana, **Charleston Co.**, Francis Marion NF, cypress on FS202, 16 May 2023, BGS & JKA

Virginia:

Crambidae:

- Diasemoides janassialis*, **Washington Co.**, Mendota Trail, mi 7.8-9.7, Wolf Run Gorge, 17 Aug 2023, JAH, **STATE RECORD**
Herpetogramma sphingialis, **Washington Co.**, Mendota Trail, mi 7.8-9.7, Wolf Run Gorge, 14 Jul 2023, JAH
Herpetogramma theseusalis, **Washington Co.**, Mendota Trail, mi 7.8-9.7, Wolf Run Gorge, 16 Jun 2023, JAH
Pyrausta homonymalis, **Washington Co.**, Mendota Trail, mi 7.8-9.7, Wolf Run Gorge, 18 May 2023, JAH

Drepanidae:

- Habrosyne gloriosa*, **Washington Co.**, Mendota Trail, mi 7.8-9.7, Wolf Run Gorge, 18 May 2023, JAH

Erebidae:

- Catocala robinsonii*, **Washington Co.**, Mendota Trail, mi 7.8-9.7, Wolf Run Gorge, 13 Oct 2023, JAH
Hypena manalis, **Washington Co.**, Mendota Trail, mi 7.8-9.7, Wolf Run Gorge, 16 Jun 2023, JAH

Geometridae:

- Caripeta divisata*, **Washington Co.**, Mendota Trail, mi 7.8-9.7, Wolf Run Gorge, 14 Sep 2023, JAH
Cepphis armataria, **Washington Co.**, Mendota Trail, mi 7.8-9.7, Wolf Run Gorge, 18 May 2023, JAH
Stamnodes gibbicostata, **Washington Co.**, Mendota Trail, mi 7.8-9.7, Wolf Run Gorge, 13 Oct 2023, JAH, **STATE RECORD**
Xanthorhoe packardata, **Washington Co.**, Mendota Trail, mi 7.8-9.7, Wolf Run Gorge, 13 Oct 2023, JAH, **STATE RECORD**

Limacodidae:

- Adoneta spinuloides*, **Washington Co.**, Mendota Trail, mi 7.8-9.7, Wolf Run Gorge, 14 Jul 2023, JAH
Phobetron pithecium, **Washington Co.**, Mendota Trail, mi 7.8-9.7, Wolf Run Gorge, 14 Jul 2023, JAH

Noctuidae:

- Acronicta increta*, **Washington Co.**, Mendota Trail, mi 7.8-9.7, Wolf Run Gorge, 16 Jun 2023, JAH
Acronicta superans, **Washington Co.**, Mendota Trail, mi 7.8-9.7, Wolf Run Gorge, 17 Aug 2023, JAH
Melanchra adjuncta, **Washington Co.**, Mendota Trail, mi 7.8-9.7, Wolf Run Gorge, 17 Aug 2023, JAH
Noctua pronuba, **Washington Co.**, Mendota Trail, mi 7.8-9.7, Wolf Run Gorge, 17 Aug 2023, JAH
Pachypolia atricornis, **Washington Co.**, Mendota Trail, mi 7.8-9.7, Wolf Run Gorge, 13 Oct 2023, JAH, **STATE RECORD**
Pyrrhia exprimens, **Washington Co.**, Mendota Trail, mi 7.8-9.7, Wolf Run Gorge, 18 May 2023, JAH

Nymphalidae:

- Danaus plexippus*, **Giles Co.**, 1 mi W of Glen Alton, 17 Aug 2020, PT1, about 50 freshly emerged females nectaring on milkweed and thistle
- no males seen, none seen a year later, on 15 Aug 2021

Thyrididae:

- Dysodia oculatana*, **Washington Co.**, Mendota Trail, mi 7.8-9.7, Wolf Run Gorge, 14 Jul 2023, JAH

Tortricidae:

- Phtheochroa birdana*, **Washington Co.**, Mendota Trail, mi 7.8-9.7, Wolf Run Gorge, 18 Apr 2023, JAH, **STATE RECORD**

Uraniidae:

- Calledapteryx dryopterata*, **Washington Co.**, Mendota Trail, mi 7.8-9.7, Wolf Run Gorge, 16 Jun 2023, JAH

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

Coordinator: Mark J. Mello

No report for Zone 10.

Zone 11: Mexico & the Caribbean Islands

Coordinator: Ivonne Garzón

No report for Zone 11.

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Top Row: *Pterourus glaucus*. Left: "Dusky" female, Pipen Co., Wisconsin, June 8, 2023, Michael Wright (pg. 62); Right: Yellow female, Oak Point, Cass Co., Minnesota, June 9, 2023, Allison Snopek-Barta, far north (pg. 54). **Second and Third Rows:** All Cass Co., Minnesota, by Allison Snopek-Barta. **Second Row:** *Pterourus canadensis*, males left and female right, late May-early June, 2023 (pg. 44). **Third Row:** Left: *Pieris oleracea*, May 21, 2023 (pg. 44). Right: *Polygonia progne*, Oak Point, Sep 17, 2022 (pg. 53). **Bottom Row:** Left: *Trichordestra beanii*, Cannonochee Sandhills Wildlife Management Area, Bulloch Co., Georgia, September 20-21, 2023, Lance Durden, 2nd known from the state (pg. 66). Right: *Ectypia clio*, Cheyenne Co, Devil's Gap in the Arikaree Breaks, 16.5mi NW of St. Francis, July 27-28, 2023, James Adams and Brian Scholtens, STATE RECORD (pg. 28); last two images by James Adams.