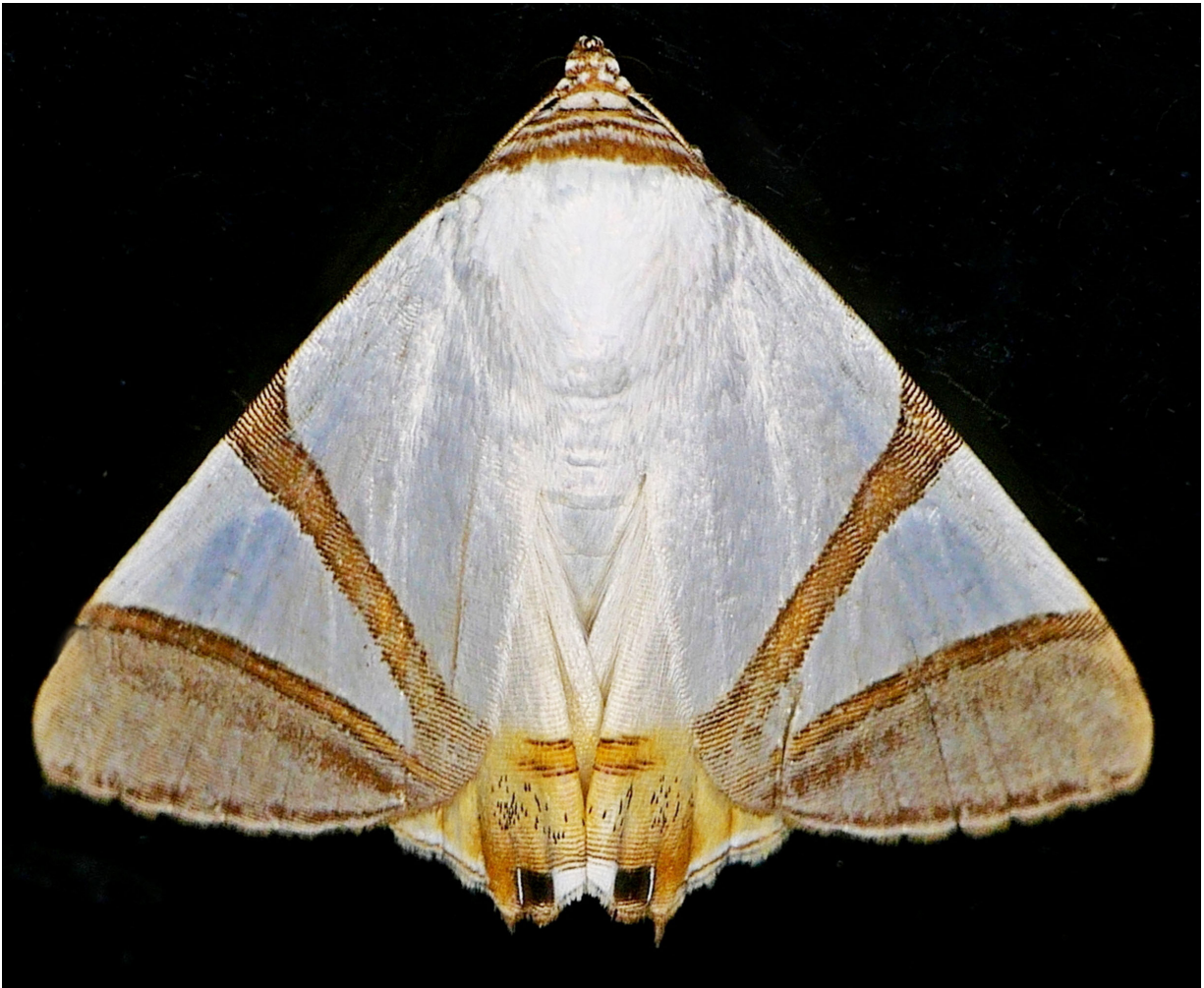


NEWS

OF THE

LEPIDOPTERISTS' SOCIETY



2020 Season Summary

Volume 63, Supplement S1

Index

NEWS OF THE LEPIDOPTERISTS' SOCIETY

Volume 63, Supplement S1

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

The **News of the Lepidopterists' Society** (ISSN 0091-1348) is published quarterly by The Lepidopterists' Society, c/o Chris Grinter, The California Academy of Sciences, 55 Music Concourse Drive, San Francisco, CA 94118, and includes one or two supplements each year. The **Season Summary** is published every year as Supplement S1 and is mailed with issue 1 of the News. In even numbered years a complete **Membership Directory** is published as Supplement S2 and is mailed with issue 4 of that volume of the News. Please see the inside back cover for instructions regarding subscriptions, submissions to, and deadline dates for, the News.

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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: *Eulepidotis persimilis* [Erebidae]. This neotropical beauty appeared in 3 locations in TX in July 2020; the one previous US record was in 2011 in Mission, TX (pg. 19), image by Monica Krancevic.

Season Summary 2020 – Print Edition

We have followed the same pattern for the summary that we used in previous years: 1) We have been somewhat more selective with the records included in the print edition of the Season Summary. We include all National, State and County records, as well as other records that have significance, such as very late or early records, explosions of species, and migrant movements. We still seek to include more text and photos in the introductory material for each zone, and we want to encourage contributors to provide information and photos that zone coordinators can submit with future Season Summaries. 2) In addition to the print edition, we are creating a PDF edition of the Season Summary that includes ALL submitted records. Interested members can download this PDF, either in its entirety or as individual zones on the Lepidopterists' Society website. All records are also submitted to the SCAN database and can be searched using that system (<https://scan-bugs.org/portal/collections/harvestparams.php>).

This year we have 4 new zone coordinators. Our new coordinators are: André Langlois for Zone 1 (Far North), Stuart Marcus for Zone 6 (Texas), Kyle Johnson for Zone 7 (Ontario and Quebec), and Eric Olson for Zone 8 (Midwest). The COVID pandemic severely restricted travel and availability of several zone coordinators resulting in no report for this year. Hopefully the pandemic and these restrictions will ease, and we can get back to normal. We again sincerely thank all the contributors and particularly the zone coordinators for pushing forward to continue the valuable effort that is the Season Summary.

Brian Scholtens and Jeff Pippen

Interpreting the summary:

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

Zone 1: Far North: Alaska, Northwest Territories, Nunavut, and Yukon Territory
Coordinator: André Langlois

No report for Zone 1.

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

No report for Zone 2.

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

Coordinator: Ken Davenport

Contributors: Brett Badeaux (BB7), BAMONA submission (BAM), Brian Banker (BB4), Dave Bartholomew (DB1), William Beck (WB2), Robert Behrstock (RAB), James Brock (JPB), Ray Bruun (RB2), Lori Conrad (LC), Ken Davenport (KD), DeGennero (PDG), Josiah Gilbert (JG1), Robert Gorman (RG4), Gregory Greene (GG2), David Haviland (DH7), Fred Heath (FH), Tom Horton (TH1), iNaturalist (IN), Richard V. Kelson (RVK), Ken Kertell (KK), Mary Klinkel (MK2), Chris Leslie (CL2), Nick Lethaby (NL), Mary Maki (MM4), Patricia Moran-Hodge (PRM), Kristie Nelson (KN), Paul Opler (PAO), John G. Pasko (JGP), Kilian Roeber (KR), Alan Schmierer (AS2), Pete Spino (PS3), Richard D. Ullrich (RDU), Dennis Walker (DW1), Mark Walker (MW), Ian Watkinson (IAW), Jim Wiseman (JW3), Joseph Zarki (JZ), Joseph Zarki & Marilyn Lutz (JZL)

No written summary for zone.

RECORDS:

Arizona:

Hesperiidae:

Agathymus polingi, Pima Co., Tanque Verde Peak, Rincom Mts., Saguaro NP, 11 Sep 2020, GG2
Amblyscirtes arizonae, Santa Cruz Co., Pena Blanca Lake, 29 Aug 2020, MK2, formerly *A. elissa*, late record for state
Amblyscirtes eos, Cochise Co., San Pedro River 1 mi N. of Palominos, 29 Mar 2020, RAB, relatively early
Heliopetes domicella, Pima Co., Sabino Canyon, Santa Catalina Mts., 23 Jan-26 Feb 2020, FH, relatively early for this uncommon skipper
Heliopetes domicella, Pima Co., Rattlesnake Canyon off Sabino Canyon, 20 Feb 2020, PDG, 3 individuals observed
Pyrgus scriptura apertorum, Pima Co., Tucson, Rillito River Park, 4 Apr 2020, PDG, a scarce species found in an urban setting

Lycaenidae:

Arawacus jada, Cochise Co., Chiricahua Mts., Cave Creek Canyon, Sunny Flat Camp, 15 May-2 Jun 2020, LC, seen almost daily, on 18 May 2020 seen by Elaine Halbedel
Arawacus jada, Cochise Co., Guadalupe Canyon, 15 May 2020, KD, photo by Shirley Sekerasingham
Arawacus jada, Pinal Co., Peppersauce Canyon, Santa Catalina Mts., 8 May 2020, GG2
Arawacus jada, Pinal Co., Peppersauce Canyon, Santa Catalina Mts., 9 May 2020, PDG
Arawacus jada, Santa Cruz Co., Sycamore Canyon, 13 May 2020, DH7
Arawacus jada, Santa Cruz Co., Patagonia Lake State Park, 11 Jul 2020, PDG
Arawacus jada, Santa Cruz Co., Patagonia Town Center, 11 Jul 2020, PDG
Arawacus jada, Santa Cruz Co., Sonoita Creek, upstream of Patagonia Lake, 11 Jul 2020, PDG
Arawacus jada, Santa Cruz Co., Patagonia, 11 Sep 2020, BB4
Callophrys fotis, Mohave Co., Limekiln Rd., Virgin Mts., 3 Apr 2020, AS2
Callophrys xami, Pinal Co., Peppersauce Canyon, Santa Catalina Mts., 2-9 May 2020, PDG
Chlorostyrymon simaethis sarita, Cochise Co., Chiricahua Mts., Cave Creek Canyon, 1 Jun 2020, LC
Chlorostyrymon simaethis sarita, Cochise Co., Upper Garden Canyon, Huachuca Mts., 29 May 2020, AS2
Chlorostyrymon simaethis sarita, **Coconino Co.**, below FR 95 bridge over East Clear Creek, 11 Jun 2020, RDU
Chlorostyrymon simaethis sarita, Coconino Co., San Francisco Peaks, Snow Bowl area, 19 Jun 2020, PDG
Chlorostyrymon simaethis sarita, Gila & Maricopa Cos., Mt. Ord, 7000', 22 May 2020, KR
Chlorostyrymon simaethis sarita, Pima Co., Tucson, 5 mi S of Sabino Canyon, Santa Catalina Mts., 6 May 2020, JPB, ovipositing on *Cardiospermum corindum*
Chlorostyrymon simaethis sarita, Pima Co., Santa Catalina Mts., General Hitchcock Camp, 6 Jun 2020, PDG
Chlorostyrymon simaethis sarita, Pinal Co., Green Valley., 17 Mar 2020, MK2, photo by Karen Kluge, early for state
Chlorostyrymon simaethis sarita, Pinal Co., Green Valley., 25 Apr 2020, PDG
Chlorostyrymon simaethis sarita, Pinal Co., Peppersauce Canyon, Santa Catalina Mts., 29 Apr 2020, WB2
Chlorostyrymon simaethis sarita, Pinal Co., Peppersauce Canyon, Santa Catalina Mts., 2-9 May 2020, PDG
Chlorostyrymon simaethis sarita, Pinal Co., Peppersauce Canyon, Santa Catalina Mts., 8-10 May 2020, GG2
Chlorostyrymon simaethis sarita, Santa Cruz Co., Upper Madera Canyon, Santa Rita Mts., 30 May 2020, PDG
Chlorostyrymon simaethis sarita, Yavapai Co., Rt 89, 2 mi SW of Jerome, 23 May 2020, KR
Satyrium alcestis, Pinal Co., Oracle, 15 May 2020, PDG, unusually common
Strymon bebrycia, Cochise Co., Huachuca Mts., Garden Canyon, 19 Jun 2020, KK
Strymon bebrycia, Pima Co., North Roadrunner Ridge Lane, Tucson, Catalina area., 5 May 2020, WB2
Strymon bebrycia, Pima Co., Tucson, 5 mi S of Sabino Canyon, Santa Catalina Mts., 6 May 2020, JPB, ovipositing on *Cardiospermum corindum* in back yard, larva seen 21 May, emerged 4 Jun 2020.
Strymon bebrycia, **Pinal Co.**, Peppersauce Canyon, Santa Catalina Mts., 29 Apr 2020, WB2, very rare stray to SE AZ
Strymon bebrycia, Pinal Co., Peppersauce Canyon, Santa Catalina Mts., 2 May 2020, PDG

Strymon istapa clenchi, Pinal Co., Peppersauce Canyon, Santa Catalina Mts., 2-9 May 2020, PDG

Nymphalidae:

Danaus plexippus, Pima Co., Tucson, 19-20 Jan 2020, JPB, monarchs don't all go to overwintering sites

Danaus plexippus, Yuma Co., Yuma, 18 Jan 2020, IAW

Mestra amymone, Santa Cruz Co., Sycamore Canyon, 7 Oct 2020, TH1, rare stray to SE AZ

Nymphalis californica, Cochise Co., Huachuca Mts., Miller Canyon, 20 May 2020, KD, photo by Jim Hengeveld, scarce in SE AZ

Nymphalis californica, Pima Co., Ajo Mts., Saguaro NM, 28 Feb 2020, MW

Nymphalis californica, Yuma Co., Kofa Mts., near Yuma, 29 Feb 2020, MW

Pieridae:

Anteos clorinde, Cochise Co., Hereford, 27 Aug 2020, RAB, rare stray to AZ

Anteos clorinde, Cochise Co., Huachuca Mts., Garden Canyon, 5 Sep 2020 RAB, rare stray to AZ

Anthocharis thoosa inghami, Maricopa Co., Rackensack Canyon, 28 Jan 2020, TH1, unusually common for so early in season

Phoebis agarithe fisheri, Maricopa Co., Las Sendas Trailhead Recreation Area, Mesa, 25 May-10 Jul 2020, RDU

Riodinidae:

Apodemia mejicana, Santa Cruz Co., Patagonia, 25 Jan 2020, MK2, observed by Jill Johnson, early for the state

Apodemia nais, Cochise, Chiricahua Mts., Pinery Canyon, 12 Jun 2020, KK, very rare in the Chiricahuas

Calephelis nemesis, Pima Co., Tucson, 5 mi S of Sabino Canyon, Santa Catalina Mts., 8 May 2020, JPB, one larva on *Chromolaena odorata*

California:

Hesperiidae:

Agathymus alliae paiute, San Bernardino Co., Mohawk Hill, N of Mountain Pass, 12 Oct 2020, JW3

Amblyscirtes vialis, Calaveras Co., near Arnold, 10 Jun 2020, CT2, few records for county

Cecropterus dorantes, **San Diego Co.**, Palomar Mountain, 21-27 May 2020, BB7, 2 individuals on later date, photo record

Epargyreus clarus californicus, Monterey Co., Junipero Sierra Trail, Santa Lucia Mts., 16-25 Jun 2020, JG1, new locality for this species, best known from Chews Ridge in this county

Epargyreus clarus californicus, San Bernardino Co., San Bernardino Mts., Santa Ana River, Sugarloaf Meadow Rd., 29 May 2020, BB7, seen in numbers, rare in S CA

Epargyreus clarus californicus, Tulare Co., Cherry Hill Rd., 1-2 mi S of Sherman Pass Rd., 6000', 9-25 Jun 2020, KD, southernmost record for southern Sierra Nevada outside the Greenhorn Mts.

Epargyreus clarus californicus, Ventura Co., Thorn Point Trail, Las Padres NF, 29 May 2020, MM4, very few records for this county and none recently

Erynnis brizo lacustra, Monterey Co., Cone Peak, Santa Lucia Range, 5155', 16 May 2020, JG1, not well known for county

Euphyes vestris vestris, Santa Cruz Co., Boulder Creek, Santa Cruz Mts., 14 Jun 2020, AS2, very rare in the Santa Cruz Mts.

Hesperia columbia, Monterey Co., Cone Peak, Santa Lucia Range, 5155', 16 May 2020, JG1, rarely seen in Coast Ranges

Hesperia uncas giuliani, Mono Co., Adobe Hills, R arm of McGee Canyon Rd., 17 Jun 2020, KD, new locality, one female

Hesperopsis libya, Mono Co., White Mts., Coldwater Canyon, 27 May 2020, KD, very rare in county, 2nd published record for county

Ochlodes sylvanoides, Inyo Co., White Mts., Silver Canyon, 3 Sep 2020, MW, first confirmed records for White Mts.

Pholisora catullus, Mono Co., White Mts., Coldwater Canyon, 27 May 2020, KD, first record for White Mts. In CA

Urbanus proteus, Los Angeles Co., Long Beach, 26 Apr 2020, IN, photo on iNaturalist by Sara Medina, reported by Nancy Hamlett, not reported in state for years

Urbanus proteus, Orange Co., Laguna Niguel, 10 May 2020, IN, photo by "Kraftpaper", reported by Nancy Hamlett

Lycaenidae:

Atlides halesus corcorani, **Alpine Co.**, Woodchuck Basin, 7900', 7 Jul 2020, RVK

Callophrys spinetorum, Mendocino Co., N side logging rd Dam, Newman Gulch, 3 Apr 2020, BAM, found by Teresa & Asa Spade

Chlorostrymon simaethis sarita, **Inyo Co.**, McMurray Meadows Rd., 7 rd mi SW of Big Pine, 29 Apr 2020, KR, northern range extension

Chlorostrymon simaethis sarita, Kern Co., few mi NW of Walker Pass, Sierra Nevada Mts., 9 May 2020, JGP, 2 individuals, 3rd and 4th records for southern Sierra Nevada Mts.

Chlorostrymon simaethis sarita, Riverside Co., BLM Joshua Tree South Camp area, 16 Apr 2020, JZ, photo by Dennis Rich

Chlorostrymon simaethis sarita, Riverside Co., Lower Covington, Smithwater Canyon area, Joshua Tree NP, 2 May 2020, DW1, with Joseph Zarki

Chlorostrymon simaethis sarita, Riverside Co., Lower Covington, Smithwater Canyon area, Joshua Tree NP, 10 May 2020, JZL

Chlorostrymon simaethis sarita, San Bernardino Co., Clipper Range, eastern Mojave Desert, 21 Apr 2020, BB4

Chlorostrymon simaethis sarita, San Bernardino Co., Little San Bernardino Mts., 10 May 2020, JZ

Chlorostrymon simaethis sarita, San Bernardino Co., New York Mts., Mojave Preserve, 7 May 2020, DW1, photo

Chlorostrymon simaethis sarita, San Bernardino Co., Morongo Valley, 8 May 2020, JZ, photo by Bill LaHaye

Chlorostrymon simaethis sarita, San Diego Co., Laguna Mts., Sunrise Hwy, 12 Jun 2020, MW, with Pete Spino

Chlorostrymon simaethis sarita, San Diego Co., Chihuahu Valley Rd., Previtt Canyon, 21 May 2020, BB7, in good numbers

Chlorostrymon simaethis sarita, San Diego Co., Laguna Mts., Kwaaymii Overlook, 2 May 2020, MW

Cupido comyntas sissona, Merced Co., UC Merced Vernal Pool and Grassland Preserve, 17 Apr 2020, BAM, photo by Sean Werle

Euphilotes battoides battoides, Inyo Co., Horseshoe Meadow, E side Sierra Nevada, 1-2 Jul 2020, BB7, common on east slope of Sierra near southern edge of range

Euphilotes glaucus comstocki, Kern Co., Ridge E of Mt. Tehachapi, Tehachapi Mts., 25 Jul 2020, CL2, very rarely seen in the Tehachapi Mts.

Glaucopsyche piasus, Monterey Co., Trail below Cone Peak, Santa Lucia Mts., 16 May 2020, JG1

Glaucopsyche piasus sagittigera, Ventura Co., Matillja Creek., 18 Mar 2020, CL2

Hemiargus ceraunus gyas, San Diego Co., Santa Margarita River, Fallbrook, 1 Jan & 30 Dec 2020, BB7, early and late flight records for the state

Icaricia chlorina chlorina, **Mono Co.**, end Mill Creek Canyon Rd., 16 Jul 2019, PAO, northward range extension

Icaricia dedeckeri, Mono Co., White Mts., Coldwater Canyon, 27 May 2020, KD, only known from 3 localities in Mono & Inyo Cos, 20 sightings in 2.5 hrs on difficult terrain

Icaricia lupini goodpasturei, Mono Co., Lundy Lake near Dam, 16 Jun 2020, KD, confirms *goodpasturei* reaches east slope of Sierra Nevada

Icaricia lupini goodpasturei, Mono Co., Adobe Hills, R arm McGee Canyon Rd., 15-17 Jun 2020, KD, common on *Eriogonum umbellatum* along road embankment

Icaricia neurona, Kern/Ventura Co., near McGill Camp and off Seymour Canyon Rd., 4 Sep 2020, KD, unusual 2nd flight in a very dry year

Icaricia neurona, Tulare Co., Kern River Dam N of Roads End, 9 May 2020, KD, stray along the Kern River in the Sierra Nevada

Icaricia neurona, Ventura Co., Owls Barn near Lockwood Canyon Rd., 7 Aug-4 Sep 2020, KD, unusual 2nd flight in a very dry year

Lycaena heteronea clara, Ventura Co., Frazier Mountain Lookout, 26 Jul 2020, MW, unexpected locality about 7000'

Philotes sonorensis, San Diego Co., Anza Borrego State Park, Plum Canyon, 31 Jan 2020, PS3

Philotes sonorensis, Tulare Co., Sherman Pass Rd., canyon on E Kern River, 4900', 1 May 2020, KD, late for southern Sierra Nevada

Plebejus anna anna, Tuolumne Co., Lower Gaylor Lake Trail, Yosemite NP., 25 Jul 2020, KD, photos by Laurie Lawrence

Plebejus anna anna, Tuolumne Co., Tuolumne Meadows Campground, Yosemite NP., 31 Jul 2020, KD, photos by Laurie Lawrence

Plebulina emigdionis, Inyo Co., Lone Pine Creek near Movie Rd. & Whitney Portal Rd., 27 May 2020, KD, hostplant common but only one female seen

Satyrium behrii behrii, San Bernardino Co., Joshua Tree NP, Warren Peak area, 5 Jun 2020, JZ

Satyrium sylvinus nootka, Siskiyou Co., NE of McCloud, Hwy 13, 2-3 mi N of Hwy 17, 13 Jul 2020, KD, very few records published for state

Satyrium titus occidentalis, Lassen Co., South Doyle southward along Constantia Rd., 12 Jul 2020, RB2, 100 individuals along rd in short distance

Strymon istapa clenchi, San Diego Co., Guajome County Park, Oceanside, 14 Sep 2020, BB7, in good numbers near coast, with Robert Gorman

Nymphalidae:

Argynnis adiate clemencei, Monterey Co., Juniper Sierra Trail & Peak., 16-25 Jun 2020, JG1, locally common

Argynnis coronis hennei, Kern Co., ridge line E of Mt. Tehachapi, 3 Jul 2020, CL2, first report here in several years

Argynnis coronis hennei, Kern/Ventura Co., Mt. Pinos near McGill Camp & Seymour Canyon Rd., 4 Sep 2020, KD, several males & 1 female

Argynnis coronis hennei, Ventura Co., Frazier Mountain Lookout, 26 Jul 2020, MW, on ridge near Lookout in small numbers

Argynnis coronis hennei, Ventura Co., Frazier Mountain Lookout, 7 Aug 2020, KD, 30 adults in just over an hour, mostly females nectaring

Argynnis coronis hennei, Ventura Co., Frazier Mountain Lookout, 8 Aug 2020, DH7

Argynnis coronis snyderi, Lassen Co., east slope Sierra Nevada between Doyle & Hallelujah Jct., 24 May 2020, RB2, early for state

Argynnis coronis snyderi, Plumas Co., between Sony Ridge and Cottonwood Peak., 12 Sep 2020, MM4, very few published records for state

Argynnis irene cottlei, Siskiyou Co., NE of McCloud, Hwy 13, 2-3 mi N of Hwy 17, 13 Jul 2020, KD, common

Argynnis irene irene, Plumas Co., Last Chance Peak, 5500', 3 Jun 2020, RB2, early for state

Argynnis mormonia, Mono Co., Crooked Creek Meadow., 23 Jul 2020, DB1, with Christ Tenney, possibly subspecies *obsidiana*?

Argynnis mormonia obsidiana, Mono Co., McGee Meadow, Glass Mountain., 27 Jul-16 Aug 2018, KN, single individual on three dates, 2nd locality for subspecies

Argynnis mormonia obsidiana, Mono Co., Sawmill Meadow, Glass Mountain., 9 Sep 2018, KN, late record for state

Argynnis mormonia obsidiana, Mono Co., Sawmill Meadow, Glass Mountain, 1 Aug 2020, KN, 92 individuals counted

Cercyonis pegala ariane, Siskiyou Co., NE of McCloud, Hwy 13, 2-3 mi N of Hwy 17, 13 Jul 2020, KD, very few published records for this region

Chlosyne acastus neumogeni, Mono Co., White Mountains, entrance to Coldwater Canyon, 27 May 2020, KD, very common at seep from leaking pipe

Chlosyne acastus neumogeni, Riverside Co., Chiriaco Summit, I-10, 1 Feb 2020, JW3, early for state

Danaus plexippus, Los Angeles Co., Pico Rivera near I-5 & 605 Freeway, 26 Dec 2020, BB4, common inland at this location

Dione incarnata, **Nevada Co.**, Wolf, 6 Oct 2020, BAM, photo by Bob Free

Dymasia dymas imperialis, San Diego Co., Anza-Borrego State Park, Plum Canyon, 31 Jan 2020, PS3

Euphydryas chalcedona dwinellei, Siskiyou Co., NE of McCloud, Hwy 13, 2-3 mi N of Hwy 17, 13 Jul 2020, KD, roadside & open areas of coniferous forest with ferns

Euphydryas editha augustinus, Tulare Co., Poison Meadow off Cherry Hill Rd., nr. Horse Camp, 9 Jun 2020, KD

Heliconius charthonia, San Diego Co., Saxony Rd., E of I-5, Encinatas, 29 Jun 2020, KD, Curtis Wilbut, possibly accidental introduction

Oeneis ridingsii pallidus, Mono Co., Adobe Hills, R arm McGee Canyon Rd., 17 Jun 2020, KD, one collected in sagebrush at relatively low elevation

Phyciodes tharos, **San Bernardino Co.**, Chino Hills, 14 Jul 2020, KD, Luke Tiller photographed the first Pearl Crescent seen in CA in about 70 years

Polygonia faunus, Mendocino Co., Confluence Mill Creek and Ten Mile River, 12 Apr 2020, BAM, photo by Asa & Teresa Spade

Vanessa atalanta rubria, Mono Co., Mono Lake Regional Park, 28 Jul 2020, KD, flying after 5pm

Papilionidae:

Heraclides rumiko, Ventura Co., Camarillo, 20 May 2020, BAM, photo by Alex Neder, recently extended range northward

Heraclides rumiko, Ventura Co., Ventura, 20 Aug 2020, CL2, photo

Papilio polyxenes asterius?, Santa Barbara Co., bluff over Santa Barbara Shores Park, 16-25 May 2020, BAM, black form out of range for this species, accidental import?, photos Marie Stanek

Pieridae:

Abaeis nicippe, San Diego Co., Anza Borrego State Park, 5 Jan 2020, RG4, early for the state

Anthocharis cethura cethura, San Diego Co., Anza Borrego State Park, Plum Canyon, 31 Jan 2020, PS3, unusually early flight
Anthocharis cethura cethura X pima, Riverside Co., Chiriaco Summit, 27 Jan-1 Feb 2020, JW3, very early flight
Colias harfordii, San Diego Co., Chihuahua Valley Rd., Previtt Canyon, 21 May 2020, BB7, seen in numbers, unusual in a series of dry years
Colias harfordii, San Diego Co., Anza Borrego State Park, Culp Valley, 3 Apr 2020, BB7, seen in numbers, unusual in a series of dry years
Euchloe ausonides transmontana, Tulare Co., Alder Creek, Sherman Pass Rd., 6800', 1 May 2020, KD, early for the state
Phoebis sennae marcellina, Santa Clara Co., San Jose, 18 Sep-14 Oct 2020, BAM, photos by Ower Holt, very scarce in the region
Pieris marginalis venosa, Santa Barbara Co., Arroyo Quemada, N side of Santa Ynez Mts., 25 Jan-12 Feb 2020, NL, southern range extension
Zerene eurydice, Kern/Ventura Co., Mt. Pinos near McGill Camp & Seymour Canyon Rd., 4 Sep 2020, KD, very unusual at this locality at this time of year

Riodinidae:

Calephelis nemesis dammersi, Riverside Co., Santa Ana River, Prado River Park, Eastvale, 7 Oct 2020, BB4, found in good numbers
Calephelis nemesis dammersi, San Diego Co., Santa Margarita River, Fallbrook, 22 Sep 2020, BB7, found in good numbers
Calephelis wrighti, San Diego Co., Anza Borrego State Park, 5 Jan 2020, RG4, early for state

Hawaii:

Lycaenidae:

Lampides boeticus, Hawaii Co., Hawaii Island, Naalehu, 18.9933N -155.649W, 3 Mar 2020, PRM

Nevada:

Lycaenidae:

Cupido amyntula ca. herri, Esmeralda Co., White Mountains, Queen Canyon, 15 Jun 2020, KD, common at mud
Glaucopsyche piasus nevada, Esmeralda Co., White Mountains, Queen Canyon, 15 Jun 2020, KD, several seen
Icaricia lupini goodpasturei, Esmeralda Co., White Mountains, Queen Canyon, 15 Jun 2020, KD, common at mud
Icaricia shasta, Nye Co., Arc Dome Wilderness, 5 Sep 2020, MW

Papilionidae:

Papilio indra, Esmeralda Co., White Mountains, Queen Canyon, 15 Jun 2020, KD, one at mud

Pieridae:

Pontia beckerii, Clark Co., Corn Creek Field Station, 4 Jan 2020, BAM, early for state

Nymphalidae:

Chlosyne acastus acastus, Esmeralda Co., White Mountains, Queen Canyon, 15 Jun 2020, KD
Chlosyne coronado pariaensis, Clark Co., N side of Virgin Ridge Peak south of Bunkerville, 5000', 27 Apr 2020, DH7, **STATE RECORD**

Zone 4: Rocky Mountains; Alberta, Colorado, Montana, New Mexico, Utah, Wyoming
Coordinator: Charles E. Harp

No report for Zone 4.

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

Coordinator Michael M. Ellsbury

Contributors: James K. Adams (JKA), W. David Arbour (WDA), Jeffrey Belth (JB2), Betsy Betros (BB), Mark Black (MAB), Bill R. Carrel (BRC), Colin Croft (CC1), Neil E. Dankert (NED), Neil E. Dankert & Jennifer Dankert (NJD), Michael M. Ellsbury (MME), Jeri Glenn (JG4), Cliff Ivy (CAI), Donne Martin (DM2), Oklahoma Lepidoptera Survey (OLS), Babs & Loren Padelford (BLP), Bryan E. Reynolds (BER), Steven Spomer (SMS), F. Stafford (FS), Lori Tomes (LT1), Cynthia & Matthew Van den Broeke (VDB),

No written summary was provided by the zone coordinator.

RECORDS:

Kansas:

Erebidae:

Catocala luctuosa, **Johnson Co.**, 27622 W 85th Terr., Lenexa, 38°58'27"N 94°54'21"W, 10 Aug 2020, BB, likely **STATE RECORD**

Noctuidae:

Oligia chlorostigma, **Johnson Co.**, Lenexa, 8 Jun 2020, BB, few from the state

Protogygia pallida, **Cheyenne Co.**, Devil's Gap Canyon, along Rd 2, NW corner of state nr NE/CO borders, 39°50'31"N 102°01'48"W, 1067m, 18-19 Jun 2010, JKA, **STATE RECORD**

Riodinidae:

Calephelis muticum, **Johnson Co.**, 27622 W 85th Terr., Lenexa, 38°58'27"N 94°54'21"W, 27 Aug 2020, BB, likely **STATE RECORD**

Nebraska:

Cosmopterigidae:

Stigmatophora wyatella, **Lancaster Co.**, Lincoln, 21 Jul 2017, VDB, **STATE RECORD**

Crambidae:

Antigastra catalaunalis, **Scotts Bluff Co.**, Wildcat Hills, 18 Sep 2020, CC1, **STATE RECORD**

Donacaula longirostellus, **Knox Co.**, Creighton, 28 Jun 2015, MAB, **STATE RECORD**

Microcrambus minor, **Knox Co.**, Creighton, 23 Jun 2020, MAB, **STATE RECORD**

Sitochroa palealis, **Knox Co.**, Creighton, 23 Jul 2020, MAB, **STATE RECORD**

Elachistidae:

Elachista illectella, **Knox Co.**, Creighton, 29 Sep 2020, MAB, **STATE RECORD**

Erebidae:

Amyna stricta, **Knox Co.**, Creighton, 25 Sep 2020, MAB, **STATE RECORD**

Apantesis arge, **Scotts Bluff Co.**, 8 mi S of Gering, E of Hwy 71, Wildcat Hills, 41.7165N 103.6731W, 1338m, 10 Apr 2020, CC1, det by C. Harp, ponderosa pine/juniper

Catocala illecta, **Jefferson Co.**, 5.5 mi SE Fairbury, Hwy 8, 40.0978N 97.2577W, 9 Aug 2020, MME

Catocala ultronia, **Jefferson Co.**, 5.5 mi SE Fairbury, Hwy 8, 40.0978N 97.2577W, 9 Aug 2020, MME

Catocala umbrosa, **Knox Co.**, Creighton, 26 Jul 2020, MAB, **STATE RECORD**

Drasteria inepta, **Scotts Bluff Co.**, 8 mi S of Gering, E of Hwy 71, Wildcat Hills, 41.7165N 103.6731W, 1338m, 10 Apr 2020, CC1, det by C. Harp, ponderosa pine/juniper

Hypercompe scribonia, **Jefferson Co.**, 5.5 mi SE Fairbury, Hwy 8, 40.0978N 97.2577W, 9 Aug 2020, MME

Gelechiidae:

Arogalea cristifasciella, **Sarpy Co.**, Bellevue, 5 May 2016, BLP, **STATE RECORD**

Aristotelia fungivorella, **Lancaster Co.**, Lincoln, 22 Jul 2017, VDB, **STATE RECORD**

Geometridae:

Euchlaena mollisaria, **Knox Co.**, Creighton, 17 Aug 2020, MAB, **STATE RECORD**

Lomographa semiclarata, **Sioux Co.**, Sowbelly Canyon, 11 May 2006, SMS, **STATE RECORD**

Phigalia plumogeraria, **Scotts Bluff Co.**, 8 mi S of Gering, E of Hwy 71, Wildcat Hills, 41.7165N 103.6731W, 1338m, 5 Apr 2020, CC1, det by C. Harp, ponderosa pine/juniper

Gracillariidae:

Caloptilia umbratella, **Knox Co.**, Creighton, 14 Jul 2020, MAB, **STATE RECORD**

Hesperiidae:

Poanes hobomok, **Lincoln Co.**, Box Elder SWMA, 19 May 2020, NED

Incurvariidae:

Prodoxus decipiens, **Knox Co.**, Creighton, 20 Jun 2020, MAB, **STATE RECORD**

Lycaenidae:

Lycaena rubida, **Garden Co.**, rd from Oshkosh to Crescent Lake, 12 Jun 2020, NED

Nepticulidae:

Stigmella multispicata, **Lancaster Co.**, Lincoln, 30 May 2020, VDB, **STATE RECORD**

Noctuidae:

Cuculia albida, **Scotts Bluff Co.**, 8 mi S of Gering, E of Hwy 71, Wildcat Hills, 41.7165N 103.6731W, 1338m, 10 Apr 2020, CC1, det by C. Harp, ponderosa pine/juniper

Egira crucialis, **Scotts Bluff Co.**, 8 mi S of Gering, E of Hwy 71, Wildcat Hills, 41.7165N 103.6731W, 1338m, 10 Apr 2020, CC1, det by C. Harp, ponderosa pine/juniper

Lithophane georgii, **Scotts Bluff Co.**, 8 mi S of Gering, E of Hwy 71, Wildcat Hills, 41.7165N 103.6731W, 1338m, 6 Apr 2020, CC1, det by C. Harp, ponderosa pine/juniper

Lithophane itata, **Scotts Bluff Co.**, 8 mi S of Gering, E of Hwy 71, Wildcat Hills, 41.7165N 103.6731W, 1338m, 7 Apr 2020, CC1, det by C. Harp, ponderosa pine/juniper

Lithophane ponderosa, **Scotts Bluff Co.**, 8 mi S of Gering, E of Hwy 71, Wildcat Hills, 41.7165N 103.6731W, 1338m, 5 Apr 2020, CC1, det by C. Harp, ponderosa pine/juniper

Mythimna oxygala, **Knox Co.**, Creighton, 23 Aug 2020, MAB, **STATE RECORD**

Orthosia hibisci, **Scotts Bluff Co.**, 8 mi S of Gering, E of Hwy 71, Wildcat Hills, 41.7165N 103.6731W, 1338m, 6 Apr 2020, CC1, det by C. Harp, ponderosa pine/juniper

Photodes enervata, **Knox Co.**, Creighton, 15 Jul 2020, MAB, **STATE RECORD**

Protolampra brunneicollis, **Knox Co.**, Creighton, 12 Sep 2020, MAB, **STATE RECORD**

Stretchia plusaeformis, **Scotts Bluff Co.**, 8 mi S of Gering, E of Hwy 71, Wildcat Hills, 41.7165N 103.6731W, 1338m, 10 Apr 2020, CC1, det by C. Harp, ponderosa pine/juniper

Xylena brucei, **Scotts Bluff Co.**, 8 mi S of Gering, E of Hwy 71, Wildcat Hills, 41.7165N 103.6731W, 1338m, 5 Apr 2020, CC1, det by C. Harp, ponderosa pine/juniper

Nymphalidae:

Danaus gilippus, **Garden Co.**, 4 mi S of Oshkosh, 23 Jun 2020, NJD

Lethe anthedon, **Saunders Co.**, 27 Jun 2020, LT1, from NE and Great Plains Butterflies and Moths facebook site

Libytheana carinenta, **Franklin Co.**, 5 mi E, 2 mi N of Upland, 4 Jul 2020, NJD

Papilionidae:

Heraclides cresphontes, **Butler Co.**, 4 Aug 2020, JG4, from NE and Great Plains Butterflies and Moths facebook site

Pterophoridae:

Dejongia californicus, **Knox Co.**, Creighton, 6 Oct 2020, MAB, **STATE RECORD**

Sphingidae:

Aellopos fadus, **Lancaster Co.**, Lincoln, 13 Aug 2020, FS

Hyles euphorbiae, **Douglas Co.**, Omaha, 7 Aug 2020, FS

Tineidae:

Hybroma servulella, **Lancaster Co.**, Lincoln, 21 Jun 2020, VDB, **STATE RECORD**

Monopis spilotella, **Knox Co.**, Creighton, 10 Jun 2020, MAB, **STATE RECORD**

Tortricidae:

Ancylis metamelana, **Knox Co.**, Creighton, 5 Jul 2020, MAB, **STATE RECORD**

Choristoneura conflictana, **Knox Co.**, Creighton, 15 Jul 2020, MAB, **STATE RECORD**

Corticivora parva, **Knox Co.**, Creighton, 4 Jul 2020, MAB, **STATE RECORD**

Epiblema minutana, **Knox Co.**, Creighton, 3 Aug 2019, MAB, **STATE RECORD**

Epinotia nonana, **Knox Co.**, Creighton, 26 Sep 2020, MAB, **STATE RECORD**

Gretchena bolliana, **Knox Co.**, Creighton, 25 Sep 2020, MAB, **STATE RECORD**

Proteoteras willingana, **Knox Co.**, Creighton, 26 Jun 2020, MAB, **STATE RECORD**

Oklahoma:

Hesperiidae:

Calpodus ethlius, **Choctaw Co.**, Sawyer, 20 Jun 2020, AAB, larval photo record

Calpodus ethlius, **Garfield Co.**, Enid, 4 Jul 2018, OLS, photo record by B. Dobbins

Cogia outis, **Stephens Co.**, Clear Creek Lake, N end, 24 Jun 2020, DM2, photo record

Erynnis baptisiae, **Garfield Co.**, Enid, 19 Apr 2020, OLS, photo record by B. Dobbins

Erynnis funeralis, **Garfield Co.**, Enid, 25 May 2019, OLS, photo record by B. Dobbins

Euphyes dion, **Payne Co.**, Stillwater, 22 Jun 2020, OLS, photo by R. Moranz

Hesperia attalus, **Jefferson Co.**, Lake Waurika, 7 Apr 2020, OLS, photo by A. D. Ryker

Megathymus yuccae, **Cleveland Co.**, Lexington WMA, 6 Mar 2020, BER, photo record

Megathymus yuccae, **Comanche Co.**, Wichita Mountains NWR, Lake Quanah Parker dam, 21 Apr 2020, BRC, photo record, 3 seen

Panoquina ocola, **Stephens Co.**, Clear Creek Lake, N end, 26 Jun 2020, DM2, photo record

Problema byssus, **Wagoner Co.**, Ft. Gibson Lake, Whitehorn Cove, 18 Jun 2020, OLS, photo by N. R. Waggoner

Staphylus hayhurstii, **Blaine Co.**, Fay, 10 mi SE, 22 May 2020, OLS, photo record by C. Cowan

Urbanus proteus, **Adair Co.**, Stilwell, Caney Creek, 4 Oct 2020, CAI, photo record

Urbanus proteus, **Latimer Co.**, Talhina, 2 mi W, 12 Jul 2020, OLS, photo record by C. Washington

Lycaenidae:

Atlides halesus, **Leflore Co.**, Howe, 4 Jun 2020, OLS, photo record by Goforth

Brephidium exilis, **Comanche Co.**, Elgin, 17 Nov 2020, OLS, photo record by C. S. Parks

Callophrys henrici, **Comanche Co.**, West Lawton, 19 Mar 2020, OLS, photo record by Amanda L. Husak

Callophrys henrici, **Johnston Co.**, Tishomingo NWR, Jemison Overlook, 6 Mar 2020, JRR, photo record

Callophrys henrici, **McCurtain Co.**, Little River NWR, 7 Mar 2020, WDA, photo record, 1st report on refuge

Calycopis cecrops, **Jefferson Co.**, Lake Waurika, 7 Apr 2020, OLS, photo by A. D. Ryker

Celastrina ladon, **Garfield Co.**, Enid, 19 May 2019, OLS, photo record by B. Dobbins

Feniseca tarquinius, **Mayes Co.**, Little Blue SP, 20 Jun 2020, OLS, photo record by J. Pierson

Parrhasius m-album, **Stephens Co.**, Clear Creek Lake, N end, 10 Aug 2020, DM2, photo record

Phaeostrymon alcestis, **Cleveland Co.**, midway between Moore & Norman, 31 May 2019, OLS, photo record by C. B. Riedel

Satyrium calanus, **Muskogee Co.**, Webbers Falls, 16 Jun 2020, OLS, photo record by R. Stone

Nymphalidae:

Adelpha eulalia, **Cimarron Co.**, Kenton, ½ mi S on Camp Billy Joe, 5 May 2020, OLS, photo record by S. Metz

Dione incarnata, **Grant Co.**, Pond Creek, 30 Jul 2018, OLS, photo by L. Wilson

Chlosyne nycteis, **Garfield Co.**, Enid, 4 Jul 2020, OLS, photo record by B. Dobbins

Danaus gilippus, **Grant Co.**, Pond Creek, 28 Aug 2020, OLS, photo record by L. Wilson

Danaus gilippus, **Logan Co.**, Edmond, 22 Sep 2020, OLS, photo record by T. Sims

Hermeuptychia sosybius, **Stephens Co.**, Clear Creek Lake, N end, 3 Sep 2020, DM2, photo record

Limenitis arthemis astyanax, **Stephens Co.**, Clear Creek Lake, N end, 18-20 Jun 2019, DM2, photo record ex larva

Papilionidae:

Eurytides marcellus, **Latimer Co.**, Talhina, 2 mi W, 18 Jul 2020, OLS, photo record by C. Washington

Papilio troilus, **Latimer Co.**, Talhina, 2 mi W, 8 Jul 2018, OLS, photo record by C. Washington

Pterourus glaucus, **Custer Co.**, Weatherford, 8 Apr 2020, OLS, photo record, black form

Pterourus glaucus, **Jefferson Co.**, Lake Waurika, 7 Apr 2020, OLS, photo by A. D. Ryker

Pieridae:

Anthocharis midea, **Jefferson Co.**, Lake Waurika, 7 Apr 2020, OLS, photo record by A. D. Ryker

Phoebis agarithe, **Kay Co.**, Ponc City, 13 Jul 2020, OLS, photo record by S. L. Behar

Zerene cesonia, **Woodward Co.**, Woodward, 31 Oct 2016, OLS, photo record by K. Kamolz

Zone 6: Texas

Coordinator: Stuart Marcus

Contributors: Nancy & David Ewer (NDE), Richard S Fleischer (RSF), Ann Hendrickson (AHX), Monica M. Krancevic (MMK), Stuart Marcus (SM3), Missy McAllister-Kerr (MIM), Lisa M. Reid (LMR), Chuck Sexton (CSX), Aaron Tjelmeland (ATJ)

Weatherwise, Texas had a fairly normal year for 2020. Pandemic-wise, that is another story. We had our range of floods, severe drought, and some record high and low temperatures throughout different portions of the state. The one thing we did not have this year were any hurricanes. Seven folks submitted observations this year, primarily on moths. Some of them, including me, submitted sightings we had not submitted from the past year or two. There were 1518 moths and 38 butterflies submitted for 12 counties in Texas. We obtained at least 13 new moth species records (a couple unnamed from BOLD results), plus 2 new genus records, and 8 maybies for species. The “maybies” will be reviewed by other experts to determine if they are indeed a new species for Texas. There were no new butterflies added this year.

RECORDS:

Texas:

Argyresthiidae:

Argyresthia alternatella, **Edwards Co**, 1.3 mi NW of Camp Wood, 1 Mar 2020, AHX, also Valerie Bugh on Bugguide
Argyresthia quadristrigella, **Travis Co**, Austin, 14 Mar 2020, CSX, <https://www.inaturalist.org/observations/41150264>

Blastobasidae:

Asaphocrita nov, sp. nr. D.A. HOO, **Edwards Co**, 1.3 mi NW of Camp Wood, 6 Oct 2016 & 25 Apr 2020, AHX, Bold Identified see BG
<https://bugguide.net/node/view/1302691>, **STATE RECORD**

Bucculatricidae:

Bucculatrix adelpha, **Galveston Co**, Texas City Prairie Preserve, 10 Nov 2020, ATJ, Not listed by Knudson,
<https://www.inaturalist.org/observations/64652648>, possible **STATE RECORD**

Coleophoridae:

Coleophora querciella, **Liberty Co**, Trinity River NWR, 12 Jun-15 Aug, SM3

Cosmopterigidae:

Anatrachyntis rileyi, **Liberty Co**, Trinity River NWR, 3 Oct-8 Nov 2020, SM3, Dr. Richard L. Brown sent specimen for ID,
<https://www.inaturalist.org/observations/64686783>

Pyroderces albistrigella, **Liberty Co**, Trinity River NWR, 24 Sep 2020, SM3, Specimen sent to Richard L. Brown.
<https://www.inaturalist.org/observations/61265625>

Stagmatophora sexnotella, **Edwards Co**, 1.3 mi NW of Camp Wood, 23 May 2013, AHX, Aaron Hunt on Bugguide
Triclonella determinatella, **Hemphill Co**, Gene Howe WMA, 31 May 2020, CSX, <https://www.inaturalist.org/observations/52108016>

Cossidae:

Fania nanus, **Liberty Co**, Trinity River NWR, 24 Jul 2020, SM3
Givira arbeloides, **Brazoria Co**, Lake Jackson, 15 Jun 2017, MMK, <https://www.inaturalist.org/observations/6702971>
Inguromorpha basalis, **Liberty Co**, Trinity River NWR, 27 Mar 2017 & 5 May 2018, SM3,
<https://www.inaturalist.org/observations/5998318>

Crambidae:

Achyra bifidalis, **Liberty Co**, Trinity River NWR, 28 Jul-10 Oct 2017, SM3
Antigastra catalaunalis, **Brazoria Co**, Lake Jackson, 13 Sep 2020, MMK, <https://www.inaturalist.org/observations/59473577>
Antigastra catalaunalis, **Edwards Co**, 1.3 mi NW of Camp Wood, 8 Oct 2016 & 24 Jul 2020, AHX, Bold Identified - TXLEP1101-20
Antigastra catalaunalis, **Liberty Co**, Trinity River NWR, 12 Oct 2020, SM3
Argyria nummulalis, **Liberty Co**, Trinity River NWR, 24 Sep 2019 & 4 Jul 2020, SM3, <https://www.inaturalist.org/observations/52078996>
Conchylodes concinnalis, **Brazoria Co**, Lake Jackson, 13 Apr 2018, MMK, <https://www.inaturalist.org/observations/10852345>
Conchylodes concinnalis, **Hemphill Co**, Gene Howe WMA, 31 May 2020, CSX, <https://www.inaturalist.org/observations/51977200>
Crambus harrisi, **Edwards Co**, 1.3 mi NW of Camp Wood, 10-14 Oct 2019, AHX, Bold Identified
Crambus quinquareatus, **Edwards Co**, 1.3 mi NW of Camp Wood, 12 Oct 2019, AHX, Bold Identified
Crociodcnemis pellucidalis, **Liberty Co**, Trinity River NWR, 5 Sep 2017, SM3, <https://www.inaturalist.org/observations/8028899>
Diacme adipaloides, **Liberty Co**, Trinity River NWR, 16 Mar 2017, SM3
Diasemiodes nigralis, **Liberty Co**, Trinity River NWR, 6 Sep 2020, SM3, <https://www.inaturalist.org/observations/59011555>
Diastictis robustior, **Hemphill Co**, Canadian, 31 May 2020, CSX, <https://www.inaturalist.org/observations/51368984>
Elophila icciusalis, **Liberty Co**, Trinity River NWR, 13 Mar 2020, SM3, <https://bugguide.net/node/view/1787516>
Elophila nebulosalis, **Liberty Co**, Trinity River NWR, 28 Sep 2017, SM3, <https://www.inaturalist.org/observations/9420678>

Epina dichromella, **Galveston Co**, Texas City Prairie Preserve, 21 Apr 2020, ATJ, <https://www.inaturalist.org/taxa/417118-Epina-dichromella>

Eudonia heterosalis, **Liberty Co**, Trinity River NWR, 18 Jul 2020, SM3, <https://www.inaturalist.org/observations/53793845>

Framinghamia helvalis, **Hemphill Co**, Gene Howe WMA, 31 May 2020, CSX, <https://www.inaturalist.org/observations/51977223>

Fumibotys fumalis, **Galveston Co**, Texas City Prairie Preserve, 21 May 2020, ATJ

Glaphyria fulminalis, **Edwards Co**, 1.3 mi NW of Camp Wood, 1 Sep 2020, AHX

Glaphyria glaphyralis, **Liberty Co**, Trinity River NWR, 22 Aug 2020, SM3, <https://www.inaturalist.org/observations/57829814>

Haimbachia diminutalis, **Hemphill Co**, Gene Howe WMA, 1 Jun 2020, CSX, <https://www.inaturalist.org/observations/52666110>, ID tentative

Haimbachia squamulellus, **Liberty Co**, Trinity River NWR, 24 Aug 2018 & 22 Aug 2020, SM3, <https://www.inaturalist.org/observations/57829816>

Herpetogramma theseusalis, **Liberty Co**, Trinity River NWR, 18 Oct 2020, SM3, <https://www.inaturalist.org/observations/62938669>

Hileithia magualis, **Liberty Co**, Trinity River NWR, 12 Oct 2018 & 10 Mar 2019, SM3

Hodebertia testalis, **Brazoria Co**, Lake Jackson, 27 Sep-6 Oct 2020, MMK, 2F, 2M; 2 of 4 ex pupa *Asclepias curassavica*; https://www.inaturalist.org/observations?place_id=any&subview=grid&taxon_id=711646&user_id=krancmm&verifiable=any

Hodebertia testalis, **Harris Co**, LaPorte, 15 Jul 2008, LMR, <https://bugguide.net/node/view/1145829/bgimage>, **STATE RECORD**

Lipocosma septa, **Liberty Co**, Trinity River NWR, 22 May 2020, SM3, <https://bugguide.net/node/view/1818153>

Loxostegopsis polle, **Brazoria Co**, Lake Jackson, 22 Oct 2020, MMK, <https://www.inaturalist.org/observations/63321347>

Microtheoris vibicalis, **Brazoria Co**, Lake Jackson, 26 Aug 2018, MMK, <https://www.inaturalist.org/observations/15966932>

Neohelviobots neohelvalis, **Liberty Co**, Trinity River NWR, 21 Jul 2018 & 27 Jul 2019, SM3, <https://www.inaturalist.org/observations/30690262>

Ommatospila narcaeusalis, **Liberty Co**, Trinity River NWR, 4 Oct-6 Nov 2017, SM3

Parapoynx diminutalis, **Edwards Co**, 1.3 mi NW of Camp Wood, 29 Aug 2020, AHX

Parapoynx diminutalis, **Liberty Co**, Trinity River NWR, 2 Aug 2019, SM3

Parapoynx obscuralis, **Liberty Co**, Trinity River NWR, 16 Apr 2019, SM3

Platytes vobisne, **Cottle Co**, Matador WMA, 29-30 May 2020, CSX, <https://www.inaturalist.org/observations/49271431>

Polygrammodes flavidalis, **Liberty Co**, Trinity River NWR, 17 Apr-24 May 2017, SM3, <https://bugguide.net/node/view/1357613>

Pyrausta bicoloralis, **Liberty Co**, Trinity River NWR, 22 Jul 2017, SM3

Pyrausta signatalis, **Cottle Co**, Matador WMA, 29 May 2020, CSX, <https://www.inaturalist.org/observations/49272501>

Salbia sp., **Brazoria Co**, Lake Jackson, 14 Nov 2020, MMK, this species is different from *S. cassidalis*, <https://www.inaturalist.org/observations/65051650>

Steniodes declivalis, **Edwards Co**, 1.3 mi NW of Camp Wood, 21 Jul 2014 & 14 Oct 2019, AHX, Bold identified

Thaumatopsis edonis, **Edwards Co**, 1.3 mi NW of Camp Wood, 20 Oct 2020, AHX, Bold identified - TXLEP1100-20

Thaumatopsis pectinifer, **Cottle Co**, Matador WMA, 29-30 May 2020, CSX, <https://www.inaturalist.org/observations/49272843>

Thaumatopsis pectinifer, **Hemphill Co**, Gene Howe WMA, 1 Jun 2020, CSX, <https://www.inaturalist.org/observations/52667563>

Trischistognatha pyrenealis, **Brazoria Co**, Lake Jackson, 13 Jul 2018, MMK, <https://www.inaturalist.org/observations/14336252>

Depressariidae:

Agonopterix canadensis, **Hamilton Co**, FM 2005, 17 Feb 2020, MIM, <https://www.inaturalist.org/observations/38784814>, tentative ID, potential **STATE RECORD**

Antaeotricha albulella, **Liberty Co**, Trinity River NWR, 27 Jul 2017 & 8 Aug 2018, SM3, <https://bugguide.net/node/view/1412824>

Antaeotricha humilis, **Liberty Co**, Trinity River NWR, 11 Sep 2019, SM3

Ethmia dellieila, **Brazoria Co**, Lake Jackson, 26 Jun 2020, MMK, <https://www.inaturalist.org/observations/51038923>

Exaeretia gracilis, **Edwards Co**, 1.3 mi NW of Camp Wood, 12 Jan 2016 & 22 Oct 2019, AHX

Erebidae:

Abablemma duomaculata, **Brazoria Co**, Lake Jackson, 3 Aug 2018, MMK, <https://www.inaturalist.org/observations/15087415>

Allotria elonympha, **Liberty Co**, Trinity River NWR, 17 Mar 2020, SM3

Amolita fessa, **Liberty Co**, Trinity River NWR, 4 Jun 2016 & 6 Oct 2017, SM3, <https://www.inaturalist.org/observations/46268133>

Anomis flava, **Brazoria Co**, Lake Jackson, 30 Jun 2018, MMK, <https://www.inaturalist.org/observations/14057353>

Anomis gentilis, **Brazoria Co**, Lake Jackson, 8 Aug 2020, MMK, <https://www.inaturalist.org/observations/55967510>

Argyrostromis anilis, **Brazoria Co**, Lake Jackson, 11 Jul 2018, MMK, <https://www.inaturalist.org/observations/14287195>

Argyrostromis deleta, **Liberty Co**, Trinity River NWR, 29 Aug 2020, SM3, Richard L. Brown confirmed specimen sent to him, <https://www.inaturalist.org/observations/64686784>

Catocala alabamae, **Brazoria Co**, Lake Jackson, 25 May 2018, MMK, <https://www.inaturalist.org/observations/12801550>

Catocala carissima, **Liberty Co**, Trinity River NWR, 22 Oct 2019 & 12 Oct 2020, SM3

Catocala clintonii, **Liberty Co**, Trinity River NWR, 11 Apr 2020, SM3

Catocala minuta, **Brazoria Co**, Lake Jackson, 4 May 2019, MMK, <https://www.inaturalist.org/observations/24594290>

Catocala piatrix, **Liberty Co**, Trinity River NWR, 24 Jul 2018, SM3, <https://www.inaturalist.org/observations/30690938>

Catocala pretiosa, **Brazoria Co**, Lake Jackson, 29 Apr 2019, MMK, <https://www.inaturalist.org/observations/24214632>

Catocala pretiosa, **Liberty Co**, Trinity River NWR, 12 Apr-16 May 2020, SM3

Cisthene subrufa, **Brazoria Co**, Lake Jackson, 3 Jun 2020, MMK, <https://www.inaturalist.org/observations/48411618>

Cisthene unifascia, **Brazoria Co**, Lake Jackson, 7 Feb 2017, MMK, <https://www.inaturalist.org/observations/5079408>

Clemensia ochreatea, **Brazoria Co**, Lake Jackson, 29 Apr 2020, MMK, <https://www.inaturalist.org/observations/44277204>

Cosmosoma myrodora, **Liberty Co**, Trinity River NWR, 5 Oct 2019, SM3

Cutina arcuata, **Liberty Co**, Trinity River NWR, 14 Aug 2020, SM3, <https://www.inaturalist.org/observations/56897109>

Dasychira atrivenosa, **Liberty Co**, Trinity River NWR, 11 Jul 2017 & 16 Jul 2019, SM3, <https://www.inaturalist.org/observations/7237451>

Eurythra phasma, **Brazoria Co**, Lake Jackson, 19 Jun 2018, MMK, <https://www.inaturalist.org/observations/13655028>

Eulepidotis persimilis, **Brazoria Co**, Lake Jackson, 10 Jul 2020, MMK, <https://www.inaturalist.org/observations/52663503>

Focillidia texana, **Edwards Co**, 1.3 mi NW of Camp Wood, 16 Oct 2020, AHX

Gonicarsia electrica, **Brazoria Co**, Lake Jackson, 17 Apr 2020, MMK, <https://www.inaturalist.org/observations/42543565>

Haploa clymene, **Liberty Co**, Trinity River NWR, 19 Jul 2014 & 23 Jul 2020, SM3, <https://bugguide.net/node/view/1861891>

Hemeroplanis floccalis, **Liberty Co**, Trinity River NWR, 15 Sep 2014 & 15 Nov 2017, SM3, All *Hemeroplanis scopulepes* were changed to *H. floccalis* due to recent paper in 2020, <https://www.inaturalist.org/taxa/1142327-Hemeroplanis-floccalis>

Hormoschista latipalpis, **Brazoria Co**, Lake Jackson, 3 Oct 2019, MMK, Image ID: Jan Metlevski; <https://www.inaturalist.org/observations/33804039>

Hypena abalienalis, **Liberty Co**, Trinity River NWR, 2 May 2020, SM3

Hypena palparia, **Liberty Co**, Trinity River NWR, 2 May-19 Jun 2017, SM3

Hypena vetustalis, **Brazoria Co**, Lake Jackson, 27 Jul 2020, MMK, <https://www.inaturalist.org/observations/54525869>

Hyphenodes franclemonti, **Liberty Co**, Trinity River NWR, 8 Nov 2020, SM3, ID of photo by Brian Scholtens and James Adams, out of normal range, <https://www.inaturalist.org/observations/64686810>, **STATE RECORD**

Hyperstrota nana, **Liberty Co**, Trinity River NWR, 10 Aug 2018 & 9 Jul 2019, SM3, <https://www.inaturalist.org/observations/30690939>

Hypsoropha hormos, **Hemphill Co**, Gene Howe WMA, 31 May-1 Jun 2020, CSX, <https://www.inaturalist.org/observations/51985664>

Isogona scindens, **Brazoria Co**, Lake Jackson, 18 Jul 2017, MMK, <https://www.inaturalist.org/observations/7173981>

Ledaea perditalis, **Brazoria Co**, Lake Jackson, 24 Aug 2017, MMK, <https://www.inaturalist.org/observations/7708562>

Lophocampa annulosa, **Liberty Co**, Trinity River NWR, 30 Jun 2020, SM3

Macristis schausi, **Brazoria Co**, Lake Jackson, 11 Jul 2019, MMK, <https://www.inaturalist.org/observations/28791398>

Matigramma necopina, **Edwards Co**, 1.3 mi NW of Camp Wood, 17 Mar 2020, AHX, ID by dissection by Jan Metlevski of KSU, Bold TXLEP1106-20, **STATE RECORD**

Melipotis famelica, **Edwards Co**, 1.3 mi NW of Camp Wood, 16-20 Oct 2020, AHX

Melipotis fasciolaris, **Edwards Co**, 1.3 mi NW of Camp Wood, 3 Sep 2017 & 20 Oct 2020, AHX

Melipotis januaris, **Edwards Co**, 1.3 mi NW of Camp Wood, 1 Sep-19 Oct 2020, AHX, <https://bugguide.net/node/view/1885361>, **STATE RECORD**

Melipotis perpendicularis, **Edwards Co**, 1.3 mi NW of Camp Wood, 13 Oct 2015 & 18 Sep 2020, AHX

Metalectra diabolica, **Cottle Co**, Matador WMA, 30 May 2020, CSX, <https://www.inaturalist.org/observations/50824759>

Metalectra diabolica, **Liberty Co**, Trinity River NWR, 17 May 2020, SM3

Neoplynes eudora, **Brazoria Co**, Lake Jackson, 27 Aug 2018, MMK, <https://www.inaturalist.org/observations/15966933>

Ophisma tropicalis, **Brazoria Co**, Lake Jackson, 2 Aug 2018, MMK, <https://www.inaturalist.org/observations/15061347>

Oruza albocostaliata, **Liberty Co**, Trinity River NWR, 8 Aug 2018, SM3, <https://www.inaturalist.org/observations/30690941>

Pagara simplex, **Liberty Co**, Trinity River NWR, 7 Mar-23 Nov 2018, SM3, <https://www.inaturalist.org/observations/63287152>

Palthis angulalis, **Liberty Co**, Trinity River NWR, 7 Jun-5 Jul 2017, SM3

Phalaenostola larentioides, **Liberty Co**, Trinity River NWR, 8 Jun 2016 & 18 Apr 2018, SM3

Redectis pygmaea, **Liberty Co**, Trinity River NWR, 25 Jul 2012 & 30 Aug 2019, SM3

Rivula propinqualis, **Liberty Co**, Trinity River NWR, 11 Nov 2017, SM3

Utetheisa ornatrix, **Liberty Co**, Trinity River NWR, 4 Nov 2015 & 10 Oct 2020, SM3

Zale colorado, **Hansford Co**, Palo Duro Res., 2 Jun 2020, CSX, ID tentative; <https://www.inaturalist.org/observations/66557243>

Zale metatoides, **Liberty Co**, Trinity River NWR, 28 Feb-12 Mar 2019, SM3, <https://www.inaturalist.org/observations/30691395>, **STATE RECORD**

Zanclognatha atrilineella, **Liberty Co**, Trinity River NWR, 26 Jun 2020, SM3, <https://www.inaturalist.org/observations/51306426>

Euteliidae:

Paectes nubifera, **Brazoria Co**, Lake Jackson, 17 Dec 2017, MMK, <https://www.inaturalist.org/observations/9191917>

Gelechiidae:

Anacampsis comparanda, **Hamilton Co**, FM 2005, 24 Apr & 22 Aug 2020, MIM, <https://www.inaturalist.org/observations/43265368>, possible **STATE RECORD**

Aristotelia fungivorella, **Liberty Co**, Trinity River NWR, 29 May 2020, SM3, <https://bugguide.net/node/view/1824749>

Battaristis nigratomella, **Liberty Co**, Trinity River NWR, 12 Apr 2020, SM3, <https://bugguide.net/node/view/1799733>

Deltophora sella, **Liberty Co**, Trinity River NWR, 15 Mar 2017, SM3

Dichomeris costarufuella, **Liberty Co**, Trinity River NWR, 24 Nov 2018, SM3

Dichomeris juncidella, **Liberty Co**, Trinity River NWR, 1 Jun 2020, SM3, <https://bugguide.net/node/view/1828528>

Dichomeris kimballi, **Liberty Co**, Trinity River NWR, 2 May 2018 & 12 Apr 2020, SM3

Dichomeris simplicella, **Cottle Co**, Matador WMA, 30 May 2020, CSX, <https://www.inaturalist.org/observations/50842983>

Filatima biminimaculella, **Liberty Co**, Trinity River NWR, 23 Aug 2020, SM3, <https://www.inaturalist.org/observations/57758205>

Friseria cockerelli, **Cottle Co**, Matador WMA, 30 May 2020, CSX, <https://www.inaturalist.org/observations/50842984>

Hypatima n. sp. JFL1, **Edwards Co**, 1.3 mi NW of Camp Wood, 16 Jun 2017 & 25 Sep 2019, AHX, Reared and Bold Identified - Bin BOLD:AAM8615, **STATE RECORD**

Hypatima n. sp. JFL2, **Edwards Co**, 1.3 mi NW of Camp Wood, 20 Jun 2018 & 19 Oct 2020, AHX, Reared and Bold Identified - Bin BOLD:AAG0033, **STATE RECORD**

Isophrictis actinopa, **Edwards Co**, 1.3 mi NW of Camp Wood, 26 Jun 2016 & 29 May 2019, AHX, Bugguide & MPG identified, DNA available

Isophrictis magnella, **Hamilton Co**, FM 2005, 7 May 2020, MIM, <https://www.inaturalist.org/observations/45239925>, ID uncertain, possible **STATE RECORD**

Mesophleps adustipennis, **Liberty Co**, Trinity River NWR, 28 Apr-31 Oct 2017, SM3

Numata bipunctella, **Liberty Co**, Trinity River NWR, 4 Oct 2014 & 23 Aug 2020, SM3

Stegasta capitella, **Galveston Co**, Texas City Prairie Preserve, 2-19 Nov 2020, ATJ, fairly common in TX, but not on TX list, **STATE RECORD**

Stereomita andropogonis, **Liberty Co**, Trinity River NWR, 3 Oct 2018 & 11 Oct 2019, SM3

Geometridae:

- Anavitrinella pampinaria*, **Liberty Co**, Trinity River NWR, 10-28 Jul 2017, SM3
Ceratonyx satanaria, **Brazoria Co**, Lake Jackson, 5 Feb 2017, MMK, <https://www.inaturalist.org/observations/5062794>
Chloraspilates bicoloraria, **Cottle Co**, Matador WMA, 29-30 May 2020, CSX, <https://www.inaturalist.org/observations/49270077>
Chlorochlamys phyllinaria, **Liberty Co**, Trinity River NWR, 31 Aug 2017, SM3
Digrammia continuata, **Liberty Co**, Trinity River NWR, 1 Nov 2020, SM3
Digrammia pallidata, **Brazoria Co**, Lake Jackson, 27 Sep 2020, MMK, <https://www.inaturalist.org/observations/61246898>
Disclisioprocta stellata, **Liberty Co**, Trinity River NWR, 3 Oct 2020, SM3
Ennomos subsignaria, **Liberty Co**, Trinity River NWR, 2 May 2018, SM3
Euacidalia sericearia, **Brazoria Co**, Lake Jackson, 17 May 2017, MMK, <https://www.inaturalist.org/observations/6266602>
Eubaphe meridiana, **Liberty Co**, Trinity River NWR, 11 Jul 2018, SM3, <https://www.inaturalist.org/observations/30691403>
Eubaphe unicolor, **Liberty Co**, Trinity River NWR, 11 Apr 2017, SM3
Euchlaena amoenaria, **Liberty Co**, Trinity River NWR, 23 Mar 2017, SM3
Euchlaena johnsonaria, **Hansford Co**, Palo Duro Res., 2 Jun 2020, CSX, <https://www.inaturalist.org/observations/66556567>
Euchlaena johnsonaria, **Hemphill Co**, Gene Howe WMA, 31 May 2020, CSX, Barely enters TX;
<https://www.inaturalist.org/observations/52134999>
Eumacrodes yponomeutaria, **Brazoria Co**, Lake Jackson, 29 May 2017, MMK, <https://www.inaturalist.org/observations/6423163>
Eusarca fundaria, **Liberty Co**, Trinity River NWR, 17 May 2017, SM3
Fernaldella fimetaria, **Liberty Co**, Trinity River NWR, 12 Apr 2020, SM3
Glaucina interruptaria, **Cottle Co**, Matador WMA, 29 May 2020, CSX, ID tentative; <https://www.inaturalist.org/observations/49270709>
Hydriomena transfigurata, **Liberty Co**, Trinity River NWR, 8 Mar 2018, SM3, ECK ID based on location
<https://bugguide.net/node/view/1500152>
Idaea productata, **Liberty Co**, Trinity River NWR, 5 Oct 2017, SM3, <https://bugguide.net/node/view/1472279>
Iridopsis ephyraria, **Liberty Co**, Trinity River NWR, 16 May 2017, SM3, ECK ID <https://bugguide.net/node/view/1370873>
Iridopsis vellivolata, **Liberty Co**, Trinity River NWR, 2 Nov 2017 & 30 Aug 2019, SM3
Macaria bicolorata, **Liberty Co**, Trinity River NWR, 3 Oct 2017, SM3
Macaria distribuaria, **Liberty Co**, Trinity River NWR, 4 Oct 2017, SM3
Odontoptila obrimo, **Liberty Co**, Trinity River NWR, 29 Aug 2020, SM3
Pero anctetaria, **Liberty Co**, Trinity River NWR, 21 Jun 2018 & 29 Apr 2019, SM3, <https://www.inaturalist.org/observations/30691404>
Pero zalissaria, **Liberty Co**, Trinity River NWR, 17 Nov 2017 & 31 Mar 2018, SM3
Plagadis fervidaria, **Liberty Co**, Trinity River NWR, 14 Aug 2020, SM3, <https://www.inaturalist.org/observations/56897108>

Gracillariidae:

- Caloptilia rhoifoliella*, **Liberty Co**, Trinity River NWR, 23 Jul 2015 & 8 Jan 2019, SM3
Epicephala sp., **Liberty Co**, Trinity River NWR, 28 Sep 2016 & 22 Jul 2017, SM3, Tentatively pending word from Don Davis - NOT known from NA <https://bugguide.net/node/view/1299459> & <https://bugguide.net/node/view/1411634>, possible **UNITED STATES RECORD**

Hesperiidae:

- Atalopedes campestris*, Hamilton Co, FM 2005, 26 Mar-20 Apr 2020, MIM, <https://www.inaturalist.org/observations/40795229>
Hylephila phyleus, Hamilton Co, FM 2005, 25 Sep-14 Nov 2020, MIM, <https://www.inaturalist.org/observations/60831734>
Lerodea eufala, Hamilton Co, FM 2005, 25 Mar & 16 Aug 2020, MIM, <https://www.inaturalist.org/observations/40735097>

Hyblaeidae:

- Hyblaea puera*, **Brazoria Co**, Lake Jackson, 26 Jun 2020, MMK, <https://www.inaturalist.org/observations/51038930>

Limacodidae:

- Heterogenea shurtleffi*, **Liberty Co**, Trinity River NWR, 18 Sep 2020, SM3, <https://www.inaturalist.org/observations/60229807>
Lithacodes gracea, **Hemphill Co**, Gene Howe WMA, 31 May 2020, CSX; <https://www.inaturalist.org/observations/52141841>

Lycaenidae:

- Brephidium exilis*, **Brewster Co**, Rio Grande Visitor Center, Big Bend NP, 12 Mar 2020, NDE
Echinargus isola, **Brewster Co**, Santa Elena River Access Site, Big Bend NP, 10 Mar 2020, NDE

Megalopygidae:

- Megalopyge opercularis*, **Johnson Co**, Burleson, 15 Aug 2020, RSF

Mimallonidae:

- Cincinnati melsheimeri*, **Liberty Co**, Trinity River NWR, 17 Mar 2020, SM3

Noctuidae:

- Achatodes zaeae*, **Liberty Co**, Trinity River NWR, 5 Jun 2017, SM3, <https://www.inaturalist.org/observations/6809091>
Acronicta exilis, **Liberty Co**, Trinity River NWR, 23 May 2017 & 30 May 2020, SM3, <https://www.inaturalist.org/observations/48732132>
Acronicta fallax, **Brazoria Co**, Lake Jackson, 25 May 2017, MMK, <https://www.inaturalist.org/observations/6382207>
Acronicta morula, **Liberty Co**, Trinity River NWR, 10 May 2017, SM3
Acronicta ovata, **Liberty Co**, Trinity River NWR, 22 Jun 2018 & 12 Oct 2020, SM3, possible **STATE RECORD**
Basilodes pepita, **Brazoria Co**, Lake Jackson, 28 Sep 2018, MMK, <https://www.inaturalist.org/observations/17030905>
Bellura densa, **Liberty Co**, Trinity River NWR, 16 Aug-5 Oct 2020, SM3
Bellura obliqua, **Liberty Co**, Trinity River NWR, 10 May 2017 & 23 May 2020, SM3, possible **STATE RECORD**
Chalcopasta fulgens, **Edwards Co**, 1.3 mi NW of Camp Wood, 15 Oct 2019, AHX, Bold identified
Charadra dispulsa, **Liberty Co**, Trinity River NWR, 16 Mar-18 Apr 2017, SM3
Chloridea virescens, **Liberty Co**, Trinity River NWR, 23 Mar 2017 & 24 Apr 2020, SM3
Cobubatha dividua, **Brazoria Co**, Lake Jackson, 9 May 2020, MMK, <https://www.inaturalist.org/observations/45483562>
Cobubatha numa, **Edwards Co**, 1.3 mi NW of Camp Wood, 22 Oct 2020, AHX
Cobubatha orthozona, **Liberty Co**, Trinity River NWR, 26 Mar 2020, SM3

Condica concisa, **Liberty Co**, Trinity River NWR, 26 Mar-24 Apr 2020, SM3
Cuculia laetifica, **Liberty Co**, Trinity River NWR, 30 Apr 2019, SM3
Dypterygia patina, **Brazoria Co**, Lake Jackson, 15 Oct 2020, MMK, <https://www.inaturalist.org/observations/62799538>
Elaphria cyanympha, **Liberty Co**, Trinity River NWR, 7 Jul 2016 & 17 Mar 2020, SM3, https://www.inaturalist.org/observations?taxon_id=218927
Elaphria exesa, **Liberty Co**, Trinity River NWR, 28 May 2020, SM3
Feralia major, **Liberty Co**, Trinity River NWR, 23 Dec 2015 & 6 Jan 2020, SM3
Heliocheilus paradoxus, **Cottle Co**, Matador WMA, 29 May 2020, CSX, <https://www.inaturalist.org/observations/49270713>
Lacinipolia implicata, **Liberty Co**, Trinity River NWR, 27 Mar-11 Apr 2017, SM3
Lacinipolia scirpicola, **Liberty Co**, Trinity River NWR, 25 Jan 2017 & 28 Feb 2019, SM3
Lithophane lemmeri, **Edwards Co**, 1.3 mi NW of Camp Wood, 12 Jan 2016, AHX, Bold identified
Magusa divaricata, **Liberty Co**, Trinity River NWR, 15 Nov 2017, SM3
Metaponpneumata rogenhoferi, **Brazoria Co**, Lake Jackson, 19 May 2017, MMK, <https://www.inaturalist.org/observations/6379419>
Nocloa duplicatus, **Cottle Co**, Matador WMA, 29 May 2020, CSX, <https://www.inaturalist.org/observations/49271413>
Panthea furcilla, **Liberty Co**, Trinity River NWR, 10 Mar 2019, SM3
Perigea xanthoides, **Liberty Co**, Trinity River NWR, 19 Jun-10 Jul 2017, SM3
Plagiomimicus pitychromus, **Brazoria Co**, Lake Jackson, 26 Sep 2018, MMK, <https://www.inaturalist.org/observations/16947418>
Ponometia libedis, **Brazoria Co**, Lake Jackson, 14 Apr 2020, MMK, <https://www.inaturalist.org/observations/42192122>
Ponometia pulchra, **Cottle Co**, Matador WMA, 30 May 2020, CSX, ID tentative; <https://www.inaturalist.org/observations/50865047>
Ponometia venustula, **Brazoria Co**, Lake Jackson, 25 Mar 2020, MMK, <https://www.inaturalist.org/observations/40757247>
Ponometia nov. sp., **Brazoria Co**, Lake Jackson, 27 May 2020, MMK, Other known US record V. Brou, 13-May-1995; <https://www.inaturalist.org/observations/47674885>, probably **STATE RECORD**
Properigea tapeta, **Liberty Co**, Trinity River NWR, 18 Sep 2020, SM3, <https://www.inaturalist.org/observations/60229815>
Protorthodes alfenii, **Edwards Co**, 1.3 mi NW of Camp Wood, 16-18 Oct 2020, AHX, Bold Identified - TXLEP1064-20
Protorthodes texicana, **Edwards Co**, 1.3 mi NW of Camp Wood, 28 Feb 2016 & 16 Oct 2020, AHX, Bold Identified
Pseudacontia crustaria, **Cottle Co**, Matador WMA, 29-30 May 2020, CSX, <https://www.inaturalist.org/observations/49272491>
Schinia citrinellus, **Cottle Co**, Matador WMA, 30 May 2020, CSX, <https://www.inaturalist.org/observations/50865037>
Schinia diffusa, **Brazoria Co**, Lake Jackson, 14 Oct 2020, MMK, <https://www.inaturalist.org/observations/62608403>
Schinia gracilentia, **Edwards Co**, 1.3 mi NW of Camp Wood, 23 Oct 2020, AHX
Schinia nundina, **Liberty Co**, Trinity River NWR, 21 Oct 2015 & 30 Sep 2019, SM3
Schinia thoreauii, **Liberty Co**, Trinity River NWR, 24 Sep 2019, SM3, <https://bugguide.net/node/view/1749900>
Schinia ultima, **Brazoria Co**, Lake Jackson, 28 Sep 2018, MMK, <https://www.inaturalist.org/observations/17030909>
Schinia ultima, **Liberty Co**, Trinity River NWR, 5 Oct 2019, SM3
Spodoptera dolichos, **Liberty Co**, Trinity River NWR, 27 Oct-5 Dec 2017, SM3
Tarache abdominalis, **Cottle Co**, Matador WMA, 29 May 2020, CSX, <https://www.inaturalist.org/observations/49272523>
Tarache abdominalis, **Hansford Co**, Palo Duro Res., 2 Jun 2020, CSX, <https://www.inaturalist.org/observations/66557241>
Tarache abdominalis, **Hemphill Co**, Gene Howe WMA, 31 May 2020, CSX; <https://www.inaturalist.org/observations/52180248>
Tarache lactipennis, **Cottle Co**, Matador WMA, 29 May 2020, CSX, <https://www.inaturalist.org/observations/49272525>
Tarache lactipennis, **Hemphill Co**, Gene Howe WMA, 31 May 2020, CSX; <https://www.inaturalist.org/observations/52180250>
Tarache lanceolata, **Cottle Co**, Matador WMA, 29 May 2020, CSX, <https://www.inaturalist.org/observations/49272527>
Tarache sedata, **Edwards Co**, 1.3 mi NW of Camp Wood, 23 Oct 2020, AHX, Bold Identified - TXLEP1094-20
Tripudia rectangula, **Liberty Co**, Trinity River NWR, 21 Sep-1 Oct 2012, SM3, formerly misnamed as *T. quadrifera*

Nolidae:
Baileya ophthalmica, **Liberty Co**, Trinity River NWR, 13 Mar-6 May 2020, SM3

Notodontidae:
Ellida caniplaga, **Liberty Co**, Trinity River NWR, 5 Sep 2020, SM3, <https://www.inaturalist.org/observations/58722152>
Heterocampa umbrata, **Liberty Co**, Trinity River NWR, 7-23 Feb 2017, SM3
Hyparpax aurostriata, **Cottle Co**, Matador WMA, 29 May 2020, CSX, <https://www.inaturalist.org/observations/49270734>
Litodonta contrasta, **Cottle Co**, Matador WMA, 30 May 2020, CSX, Rare; first living images? <https://www.inaturalist.org/observations/51019451>
Nadata gibbosa, **Liberty Co**, Trinity River NWR, 27 Jan 2018, SM3
Paraeschra georgica, **Liberty Co**, Trinity River NWR, 23 Feb-20 Apr 2017, SM3
Schizura concinna, **Liberty Co**, Trinity River NWR, 25 Oct 2018 & 29 Mar 2019, SM3

Oecophoridae:
Promalactis suzukiella, Galveston Co, Texas City Prairie Preserve, 12 May-29 Aug 2020, ATJ
Promalactis suzukiella, **Liberty Co**, Trinity River NWR, 6 Apr 2020, SM3, <https://www.inaturalist.org/observations/43380976>, **STATE RECORD**

Pieridae:
Phoebis agarithe, Hamilton Co, FM 2005, 21 Oct 2020, MIM, <https://www.inaturalist.org/observations/63239954>

Praydidae:
Prays atomocella, Travis Co, Austin, 9 Apr 2020, CSX, <https://www.inaturalist.org/observations/42232312>; uncommon in region

Prodoxidae:
Tegeticula yuccasella, **Cottle Co**, Matador WMA, 29 May 2020, CSX, <https://www.inaturalist.org/observations/49272836>

Pterophoridae:
Dejongia californicus, **Liberty Co**, Trinity River NWR, 21 Apr 2020, SM3, ID by Debbie Matthews Lott <https://bugguide.net/node/view/1810783>

Hellinsia paleaceus, **Liberty Co**, Trinity River NWR, 18 Oct 2017, SM3, ID by Debbie Matthews Lott

<https://bugguide.net/node/view/1474909>

Megalorhipida leucodactylus, **Liberty Co**, Trinity River NWR, 12 Jun 2019, SM3, ID by Debbie Matthews Lott

<https://bugguide.net/node/view/1740933>

Pyralidae:

Achroia grisella, **Liberty Co**, Trinity River NWR, 19 May 2017, SM3

Acrobasis demotella, **Liberty Co**, Trinity River NWR, 4-11 Apr 2017, SM3, <https://www.inaturalist.org/observations/11908319>

Acrobasis texana, **Brazoria Co**, Lake Jackson, 12 Jun 2018, MMK, <https://www.inaturalist.org/observations/13382086>

Actrix sp., **Liberty Co**, Trinity River NWR, 23 Jun-15 Jul 2015, SM3

Adelphia petrella, **Cottle Co**, Matador WMA, 30 May 2020, CSX, Range extension to W;

<https://www.inaturalist.org/observations/51026509>

Aglossa cuprina, **Edwards Co**, 1.3 mi NW of Camp Wood, 28 Aug 2020, AHX

Arta olivalis, **Liberty Co**, Trinity River NWR, 15 Jul 2016 & 17 Jul 2020, SM3

Bandera binotella, **Cottle Co**, Matador WMA, 29-30 May 2020, CSX, ID tentative; <https://www.inaturalist.org/observations/49268789>

Bandera binotella, **Hemphill Co**, Gene Howe WMA, 31 May 2020, CSX; ID tentative; <https://www.inaturalist.org/observations/52198004>

Cacozelia basiochrealis, **Cottle Co**, Matador WMA, 29 May 2020, CSX, <https://www.inaturalist.org/observations/49270075>

Canarsia ulmiarrosorella, **Liberty Co**, Trinity River NWR, 28 Sep 2016 & 10 Mar 2019, SM3

Caudellia nigrella, **Edwards Co**, 1.3 mi NW of Camp Wood, 3 Jul 2020, AHX, Bold Identified - TXLEP1054-20

Chararica hystriculella, **Brazoria Co**, Lake Jackson, 27 Aug 2017, MMK, <https://www.inaturalist.org/observations/7708563>

Coenochroa californiella, **Cottle Co**, Matador WMA, 29 May 2020, CSX, Rare in Texas; <https://www.inaturalist.org/observations/49270087>

Coenochroa bipunctella, **Hansford Co**, Palo Duro Res., 2 Jun 2020, CSX, <https://www.inaturalist.org/observations/66556554>

Decaturia pectinalis, **Cottle Co**, Matador WMA, 29-30 May 2020, CSX, Significant range extension;

<https://www.inaturalist.org/observations/49270102>

Ephesiodes gilvescentella, **Liberty Co**, Trinity River NWR, 25 Mar 2015 & 4 Dec 2019, SM3

Epipaschia superatalis, **Edwards Co**, 1.3 mi NW of Camp Wood, 31 May 2020, AHX

Epipaschia superatalis, **Hemphill Co**, Gene Howe WMA, 1 Jun 2020, CSX; <https://www.inaturalist.org/observations/52665642>

Galasa nigrinodis, **Edwards Co**, 1.3 mi NW of Camp Wood, 8 Apr 2020, AHX

Goya stictella, **Liberty Co**, Trinity River NWR, 4 Jul 2020, SM3, <https://bugguide.net/node/view/1850819>

Homoeosoma deceptorium, **Hamilton Co**, FM 2005, 14 Jun 2020, MIM, <https://www.inaturalist.org/observations/49746548>, possible

STATE RECORD

Macalla zelleri, **Hamilton Co**, FM 2005, 24 Apr & 24 Aug 2020, MIM, <https://www.inaturalist.org/observations/43265362>, **STATE RECORD**

Macrorrhinia aureofasciella, **Hemphill Co**, Gene Howe WMA, 31 May 2020, CSX; ID tentative;

<https://www.inaturalist.org/observations/52198019>

Meroptera anaimella, **Hansford Co**, Palo Duro Res., 2 Jun 2020, CSX, ID tentative; <https://www.inaturalist.org/observations/66556930>

Myelopsis alatella, **Edwards Co**, 1.3 mi NW of Camp Wood, 8-10 Apr 2020, AHX, Dr. Anthony Thomas identified a male dissection, also

Bold Identification

Omphalocera cariosa, **Edwards Co**, 1.3 mi NW of Camp Wood, 24 Aug 2020, AHX

Oneida grisiella, **Edwards Co**, 1.3 mi NW of Camp Wood, 24 Jul 2020, AHX, Bold identified - TXLEP1052-20

Penthesilea sacculalis, **Liberty Co**, Trinity River NWR, 9 Dec 2019, SM3

Peoria opacella, **Cottle Co**, Matador WMA, 29 May 2020, CSX, ID tentative; <https://www.inaturalist.org/observations/49271423>

Peoria roseotinctella, **Liberty Co**, Trinity River NWR, 1 Jul 2019, SM3, ID by Bob Biagi <https://bugguide.net/node/view/1705330>

Peoria tetradella, **Cottle Co**, Matador WMA, 30 May 2020, CSX, ID tentative; <https://www.inaturalist.org/observations/51026516>

Pococera humerella, **Liberty Co**, Trinity River NWR, 8 Jun 2017 & 24 Feb 2018, SM3, ID Brian Scholtens

<https://bugguide.net/node/view/1495671>

Pococera militella, **Edwards Co**, 1.3 mi NW of Camp Wood, 25 Apr-27 Jun 2020, AHX

Salebriaria engeli, **Liberty Co**, Trinity River NWR, 28 Mar 2017, SM3

Salebriaria squamopalpiella, **Liberty Co**, Trinity River NWR, 14 May 2020, SM3, <https://bugguide.net/node/view/1814441>

Salobrena vacuana, **Brazoria Co**, Lake Jackson, 15 Feb 2020, MMK, F; Image ID: Dr Alma Solis;

<https://www.inaturalist.org/observations/39069791>

Sciota rubriparsella, **Hansford Co**, Palo Duro Res., 2 Jun 2020, CSX, <https://www.inaturalist.org/observations/66557238>

Sciota rubriparsella, **Hemphill Co**, Gene Howe WMA, 31 May 2020, CSX; <https://www.inaturalist.org/observations/52198891>

Sciota subcaesiella, **Hemphill Co**, Gene Howe WMA, 31 May 2020, CSX; <https://www.inaturalist.org/observations/52198906>

Sciota subfuscella, **Hansford Co**, Palo Duro Res., 2 Jun 2020, CSX, <https://www.inaturalist.org/observations/66557239>

Stylopalpia scobiella, **Hemphill Co**, Gene Howe WMA, 31 May 2020, CSX; <https://www.inaturalist.org/observations/52198911>

Tlascala reductella, **Hemphill Co**, Gene Howe WMA, 31 May 2020, CSX; <https://www.inaturalist.org/observations/52198917>

Toripalpus breviornatalis, **Hansford Co**, Palo Duro Res., 2 Jun 2020, CSX, <https://www.inaturalist.org/observations/66557242>

Varneria atrifasciella, **Liberty Co**, Trinity River NWR, 19 Apr 2014 & 17 Jun 2020, SM3, <https://www.inaturalist.org/observations/6525859>

Saturniidae:

Hyalophora cecropia, **Hemphill Co**, Gene Howe WMA, 31 May 2020, CSX; <https://www.inaturalist.org/observations/52201498>

Schreckensteiniidae:

Schreckensteinia erythriella, **Liberty Co**, Trinity River NWR, 7 Sep-11 Nov 2017, SM3

Scythrididae:

Neoscythris fissirostris, **Cottle Co**, Matador WMA, 30 May 2020, CSX, <https://www.inaturalist.org/observations/50583108>

Scythris mixaula, **Edwards Co**, 1.3 mi NW of Camp Wood, 29 Aug 2020, AHX, Bold Identified - TXLEP1115-20

Sesiidae:

Melittia grandis, **Hemphill Co**, Gene Howe WMA, 31 May 2020, CSX; <https://www.inaturalist.org/observations/53255968>

Synanthedon sapygaeformis, **Brazoria Co**, Lake Jackson, 24 Jul 2020, MMK, <https://www.inaturalist.org/observations/54208214>
Synanthedon scitula, **Liberty Co**, Trinity River NWR, 21 Mar-19 Sep 2017, SM3

Sphingidae:

Erinyis obscura, **Liberty Co**, Trinity River NWR, 4 Apr-12 Oct 2017, SM3
Eumorphia vitis, **Liberty Co**, Trinity River NWR, 22 Jun 2018 & 30 Aug 2019, SM3
Paonias excaecata, **Liberty Co**, Trinity River NWR, 15 Mar 2017, SM3
Smerinthus jamaicensis, **Liberty Co**, Trinity River NWR, 20 Aug 2019, SM3
Sphecodina abbottii, **Liberty Co**, Trinity River NWR, 17 Jun 2020, SM3, <https://bugguide.net/node/view/1835964>

Stathmopodidae:

Idioglossa miraculosa, **Brazoria Co**, Lake Jackson, 13 Mar 2017, MMK, <https://www.inaturalist.org/observations/5303500>

Thyrididae:

Meskea dyspteraria, **Brazoria Co**, Lake Jackson, 18 Apr 2018, MMK, <https://www.inaturalist.org/observations/11184835>

Tineidae:

Acrolophus arcanelia, **Liberty Co**, Trinity River NWR, 29 May 2020, SM3
Dyatopasta yumaella, **Cottle Co**, Matador WMA, 29 May 2020, CSX, Range extensiion;
<https://www.inaturalist.org/observations/49270101>
Euprora argentiliniella, **Brazoria Co**, Lake Jackson, 15 Mar 2020, MMK, <https://www.inaturalist.org/observations/40100026>
Monopis crocicapitella, **Hamilton Co**, FM 2005, 5 Apr & 22 Sep 2020, MIM, <https://www.inaturalist.org/observations/41507337>, possible
STATE RECORD
Nemapogon molybdanella, **Edwards Co**, 1.3 mi NW of Camp Wood, 31 Oct 2017 & 22 Oct 2019, AHX, Bold Identified
<https://bugguide.net/node/view/1793128>, **STATE RECORD**
Phaeoses sabinella, **Liberty Co**, Trinity River NWR, 19 Aug 2020, SM3, <https://www.inaturalist.org/observations/62821059>
Tiquadra inscitella, **Liberty Co**, Trinity River NWR, 18 Sep-19 Dec 2017, SM3, <https://www.inaturalist.org/observations/64992914>

Tischeriidae:

Astrotischeria sp., **Liberty Co**, Trinity River NWR, 9 Nov 2020 & 25 Jan 2021, SM3, Specimen sent to Richard L. Brown for ID
<https://bugguide.net/node/view/1936618> Genus Not on Knudson list, **STATE RECORD**
Tischeria sp., **Liberty Co**, Trinity River NWR, 27 Sep 2017 & 13 Sep 2019, SM3, <https://bugguide.net/node/view/1726599>

Tortricidae:

Acleris semipurpurana, **Liberty Co**, Trinity River NWR, 6 Apr 2020, SM3
Acleris subnivana, **Liberty Co**, Trinity River NWR, 16 Aug 2020, SM3, <https://www.inaturalist.org/observations/56662491>
Aethes angulatana, **Edwards Co**, 1.3 mi NW of Camp Wood, 19 Oct 2019, AHX, Bold Identified <https://bugguide.net/node/view/1744067>
Archips grisea, **Liberty Co**, Trinity River NWR, 30 Mar 2020, SM3
Atroposia oenotherana, **Liberty Co**, Trinity River NWR, 6 Oct 2017, SM3
Bactra priapeia, **Brazoria Co**, Lake Jackson, 20 Jul 2020, MMK, M; 11mm fwl; Image ID: Jason Dombroskie;
<https://www.inaturalist.org/observations/53841393>
Bactra priapeia, **Liberty Co**, Trinity River NWR, 28 Mar 2017, SM3, <https://www.inaturalist.org/observations/6535543>
Cenopis cana, **Liberty Co**, Trinity River NWR, 8 Apr-22 May 2020, SM3, <https://bugguide.net/node/view/1797506>
Cenopis reticulatana, **Liberty Co**, Trinity River NWR, 24 May 2019, SM3
Chimoptesis gerulae, **Travis Co**, Austin, 22 Feb 2020, CSX, <https://www.inaturalist.org/observations/39503050>
Choristoneura argentifasciata, **Liberty Co**, Trinity River NWR, 4 Jun 2015 & 6 May 2020, SM3,
<https://www.inaturalist.org/observations/45174100>
Coelostathma placidana, **Liberty Co**, Trinity River NWR, 20 Dec 2017 & 11 Jan 2018, SM3,
<https://www.inaturalist.org/observations/66521831>
Crociosema perplexana, **Brazoria Co**, Lake Jackson, 12 Nov 2020, MMK, dissection by Michael Sabourin, **STATE RECORD**
Cydia marita, **Liberty Co**, Trinity River NWR, 27 Feb-2 Mar 2018, SM3, <https://bugguide.net/node/view/1495834>, **STATE RECORD**
Ecdytolopha insitiana, **Hemphill Co**, Gene Howe WMA, 31 May 2020, CSX; <https://www.inaturalist.org/observations/52300807>
Epiblema chromata, **Brazoria Co**, Lake Jackson, 14 Jul 2017, MMK, <https://www.inaturalist.org/observations/7173972>
Epiblema chromata, **Edwards Co**, 1.3 mi NW of Camp Wood, 3 Aug 2013, AHX, Bugguide Id by Aaron Hunt
Epiblema deflexana, **Hemphill Co**, Gene Howe WMA, 1 Jun 2020, CSX; ID tentative; <https://www.inaturalist.org/observations/52668950>
Epiblema desertana, **Liberty Co**, Trinity River NWR, 28 Mar 2018, SM3
Epiblema scudderiana, **Cottle Co**, Matador WMA, 30 May 2020, CSX, <https://www.inaturalist.org/observations/50819240>
Epiblema strenuana, **Cottle Co**, Matador WMA, 30 May 2020, CSX, <https://www.inaturalist.org/observations/50819242>
Episimus argutana, **Hemphill Co**, Gene Howe WMA, 31 May 2020, CSX; <https://www.inaturalist.org/observations/52300811>
Eucosma grindeliana, **Liberty Co**, Trinity River NWR, 18 Aug-15 Sep 2017, SM3
Eucosma indagatricana, **Hemphill Co**, Gene Howe WMA, 31 May 2020, CSX; ID tentative;
<https://www.inaturalist.org/observations/52300828>
Eucosma mayelisana, **Hemphill Co**, Gene Howe WMA, 31 May-1 Jun 2020, CSX; Uncommon, local;
<https://www.inaturalist.org/observations/52300853>
Gymnandrosoma punctidiscanum, **Liberty Co**, Trinity River NWR, 8 May-19 Aug 2020, SM3, <https://bugguide.net/node/view/1813202>
Gypsonoma haimbachiana, **Hemphill Co**, Gene Howe WMA, 31 May 2020, CSX; <https://www.inaturalist.org/observations/52301321>
Gypsonoma salicicolana, **Hemphill Co**, Gene Howe WMA, 31 May 2020, CSX; <https://www.inaturalist.org/observations/52301318>
Gypsonoma salicicolana, **Travis Co**, Austin, 24 Apr 2020, CSX, <https://www.inaturalist.org/observations/43828450>
Hystriophora ochreicostana, **Hemphill Co**, Gene Howe WMA, 1 Jun 2020, CSX; Uncommon, barely enters TX;
<https://www.inaturalist.org/observations/52666124>
Lorita baccharivora, **Liberty Co**, Trinity River NWR, 5 Jul 2017, SM3, ECK ID <https://www.inaturalist.org/observations/7237326>

Olethreutes concinnana, **Brazoria Co**, Lake Jackson, 13 Aug 2017, MMK, Image ID: Michael Sabourin, Jason Dombroski <https://www.inaturalist.org/observations/7491406>

Pammene medioalbana, **Liberty Co**, Trinity River NWR, 23 Mar 2017, SM3, <https://bugguide.net/node/view/1350827>

Pelochrista agassizii, **Cottle Co**, Matador WMA, 30 May 2020, CSX, <https://www.inaturalist.org/observations/50819256>

Pelochrista agassizii, **Hemphill Co**, Gene Howe WMA, 1 Jun 2020, CSX; <https://www.inaturalist.org/observations/52666774>

Pelochrista albiguttana, **Cottle Co**, Matador WMA, 29 May 2020, CSX, <https://www.inaturalist.org/observations/49271418>

Pelochrista costastriata, **Hemphill Co**, Gene Howe WMA, 1 Jun 2020, CSX; ID tentative; <https://www.inaturalist.org/observations/52668947>

Pelochrista matutina, **Brazoria Co**, Lake Jackson, 18 Jun 2020, MMK, <https://www.inaturalist.org/observations/50274550>

Platphalonidia magdalenae, **Liberty Co**, Trinity River NWR, 30 Sep-23 Dec 2015, SM3, previously IDed as *P. felex*

Platynota flavedana, **Hemphill Co**, Gene Howe WMA, 31 May 2020, CSX; <https://www.inaturalist.org/observations/52301341>

Platynota texana, **Edwards Co**, 1.3 mi NW of Camp Wood, 2 Aug 2016 & 23 Mar 2019, AHX, Identified by Jason Dombroski <https://bugguide.net/node/view/1772307>

Proteoteras aesculana, **Galveston Co**, Texas City Prairie Preserve, 7 Jun 2020, ATJ

Pseudexentera hodsoni, **Liberty Co**, Trinity River NWR, 16 Feb 2020, SM3, <https://bugguide.net/node/view/1780079>

Pseudexentera knudsoni, **Cottle Co**, Matador WMA, 29 May 2020, CSX, <https://www.inaturalist.org/observations/49272493>

Rhyacionia frustrana, **Liberty Co**, Trinity River NWR, 29 Feb 2016 & 22 May 2019, SM3, <https://www.inaturalist.org/observations/6535505>

Rhyacionia rigidana, **Liberty Co**, Trinity River NWR, 15 Feb 2018 & 16 Feb 2020, SM3, ECK ID

Sonia constrictana, **Hemphill Co**, Gene Howe WMA, 1 Jun 2020, CSX; <https://www.inaturalist.org/observations/52667547>

Sparganothis caryae, **Liberty Co**, Trinity River NWR, 29 May 2020, SM3

Sparganothis pulcherimana, **Hemphill Co**, Gene Howe WMA, 31 May 2020, CSX; <https://www.inaturalist.org/observations/52301344>

Strepsicrates smithiana, **Brazoria Co**, Lake Jackson, 26 Aug 2018, MMK, <https://www.inaturalist.org/observations/15966931>

Ypsolophidae:

Ypsolopha unicipunctella, **Liberty Co**, Trinity River NWR, 11 Jan 2018 & 14 Dec 2019, SM3

Zone 7: Ontario/Quebec
Coordinator Kyle E. Johnson

Contributors: Hal Donly, (HD), Terry Fahlenbock (TF), Alan Macnaughton (AM), John P. Walas (JPW)

No written summary was provided.

RECORDS:

Ontario:

Crambidae:

- Cnaphalocrocis trapezalis*, **Norfolk District**, Walsingham, 19 Jul 2020, AM, leg. Michael King; iNaturalist observation 66826031; **PROVINCIAL RECORD**, probable **CANADA RECORD**; det. G. Yankech
Pyrausta tyralis, **Chatham-Kent District**, Chatham-Kent, 25 Aug 2020, AM, leg. Allen Woodliffe; iNaturalist observation 57612110; **PROVINCIAL RECORD**, probable **CANADA RECORD**; det. B. C. Schmidt
Sericoplaga externalis, **Niagara District**, Short Hills Provincial Park, 25 Aug 2020, AM, leg. Josh Vandermeulen; iNaturalist observation 57614951; **PROVINCIAL RECORD**, probable **CANADA RECORD**; det. D. Beadle

Epipyropidae:

- Fulgoraecia exigua*, **Essex District**, Windsor, 7 Aug 2020, AM, leg. Geoff Pekor; iNaturalist observation 56085703; **PROVINCIAL RECORD**, **CANADA RECORD**, first report for family in Canada; det. Jason Dombroskie

Erebidae:

- Catocala robinsonii*, **Essex District**, Cedar Creek Conservation Area, 5-24 Sep 2020, AM, leg. Mark Nenadov; iNaturalist observation 58703206; **PROVINCIAL RECORD**; det. Bob Borth

Gelechiidae:

- Aproaerema palpilineella*, **Peel District**, Brampton, 29 Aug 2018, AM, leg. Michael King; iNaturalist observation 57145637; **PROVINCIAL RECORD**; det. Aaron Hunt
Chionodes sevir, **Essex District**, LaSalle, 21 Aug 2020, AM, leg. Josh Vandermeulen; iNaturalist observation 57515896; **PROVINCIAL RECORD**, probable **CANADA RECORD**; det. Paul Dennehy
Dichomeris isa, **Wellington District**, Oustic, 21 Aug 2020, AM, leg. Dan MacNeal; iNaturalist observation 57145637; det. Hugh McGuinness

Geometridae:

- Lobocleta ossularia*, **Essex District**, Ojibway Parkway, Windsor, 27 Aug 2020, AM, leg. Mark Nenadov; iNaturalist observation 57819861; not previously reported from ON, but older records exist; det. Daniel Kluza

Gracillariidae:

- Caloptilia triadicae*, **Essex District**, Point Pelee National Park, 21 Sep 2020, AM, leg. Ed Poropat; iNaturalist observation 60636008; **PROVINCIAL RECORD**; **CANADA RECORD**; det. Jason Dombroskie

Lycaenidae:

- Callophrys eryphon*, Thunder Bay District, Thunder Bay area, May 2020, JPW
Glaucopsyche lygdamus, Thunder Bay District, Thunder Bay area, May 2020, JPW, most individuals abnormally small

Noctuidae:

- Chloridea virescens*, **Waterloo District**, St. Agatha, 16 Aug 2020, AM, iNaturalist observation 56903265; **PROVINCIAL RECORD**; det. B. C. Schmidt

Nymphalidae:

- Aglais milberti*, Thunder Bay District, Thunder Bay area, 25 Apr 2020, JPW
Boloria freija, Thunder Bay District, Thunder Bay area (Williams bog), 1 Jun 2020, JPW, worn
Chlosyne harrisii, Thunder Bay District, Thunder Bay area, Jun 2020, JPW, larvae on white top aster, many on each plant, likely few hundred in 2 acre area
Junonia coenia, Thunder Bay District, Thunder Bay area, Aug 2020, JPW, observed near rail yards
Oeneis macounii, Thunder Bay District, Kakabeka area, 8 Jun 2020, JPW, very fresh, mostly males

Pieridae:

- Euchloe ausonides*, Thunder Bay District, Thunder Bay area, May 2020, JPW

Pyralidae:

- Omphalocera cariosa*, **Essex District**, Essex, 17 Jul 2019, AM, leg. Mark Nenadov; iNaturalist observation 29034237; **PROVINCIAL RECORD**, probable **CANADA RECORD**; det. Daniel Kluza
Salebriaria fasciata, **Toronto District**, Toronto, 28 Jun 2020, AM, leg. David Beadle; iNaturalist observation 51393122; **PROVINCIAL RECORD**, probable **CANADA RECORD**; det. Hugh McGuinness

Tortricidae:

- Ancylis sheppardana*, **Norfolk District**, near St. Williams, 27 May 2019, AM, leg. Eric Giles; iNaturalist observation 25971116; det. Jason Dombroskie

**Zone 8: Midwest: Illinois, Indiana, Iowa, Kentucky, Michigan, Minnesota, Missouri, Ohio,
West Virginia, Wisconsin**
Coordinator: Eric P. Olson

Contributors: Steven Bransky (SCB), Leslie Ferge (LAF), Kyle Johnson (KEJ), Dave & Bonnie MacLean (DBM), Jerry McCormick (JM7), Eric P. Olson (EPO), John Schwartz (JDS), Allison Snopek-Barta (ASB), James Sogaard (JS6), William Taft, Jr. (WTJ), Richard Teper (RT)

Minnesota notes from David MacLean regarding Cook, Pine and St. Louis Counties

A colder than normal April and May (MN Hydroclim reports) resulted in only two butterfly records (overwintering *Polygonia faunus* and *Nymphalis antiopa*) reported from Cook County in April and only 13 reported in May from Cook and St. Louis Counties. The first 2020 Cook County of *Papilio canadensis* was not recorded until June 3.

On May 19, Five *Callophrys polios* were recorded near a small patch of Bearberry, *Arctostaphylos uva-ursi*, on a sunny, well drained roadside in Cook County, the first recorded at this site since 2015. No other *C. polios* were observed on similar patches of Bearberry where *polios* was recorded previously. On June 25, Jerry McCormick of Virginia, Minnesota, photographed a single *Plebejus idas nabokovi*, a Minnesota Species of Special Concern, three miles south of Kinney, Great Scott Township, St. Louis County. As *nabokovi* has not been previously reported from this area of St. Louis County, and suitable habitat that would support the host plant *Vaccinium cespitosum* is unlikely, it was considered to be a stray. However, Jerry's photo justifies a continued search of the area for the host plant and the butterfly.

Only one record of *Polygonia progne* was reported from Cook County. However, the number of *Polygonia faunus*, *Nymphalis antiopa* and *Nymphalis l-album*, uncommon for the past few years, significantly increased in mid-summer. At least 100 each of *Nymphalis antiopa* and *Nymphalis l-album* were recorded on July 17 and sizeable numbers of *Nymphalis antiopa* and *Nymphalis l-album* were observed well into October. Also, of interest were three *Polygonia interrogationis* observed on August 14 (Forest Road 304), the first Cook County since a large irruption in 2012 when hundreds of *interrogationis* were recorded.

Vanessa atalanta, considered a southern migrant was recorded on two dates in Cook County (June 2 and 17) and once in St. Louis County (September 4). Another southern migrant, *Vanessa cardui*, was recorded from Cook County on four dates (June 2, 3; June 25 and July 20) and on September 4 from St. Louis County. Moderate numbers of fresh *V. cardui* were recorded from Sibley Park, Mankato, in Blue Earth County on September 6. On July 11, Pat Thomas photographed a worn a *Limenitis arthemis arthemis* X *L. arthemis astyanax* intergrade on East Superior Street, Duluth (St. Louis County) together with a *Limenitis arthemis arthemis*, presumed to be a male. The first and last dates that *Danaus plexippus* was recorded from St. Louis County were May 27 and September 4. *D. plexippus* was recorded from Cook County on 10 dates with 32 observed on July 10. Sixteen were recorded from Haynes St and Sibley Park, Mankato (Blue Earth County) on September 2. Fewer numbers of *Coenonympha tulia* were observed along CR 8 roadsides in Cook County than in the past two years. A total of seven *Erebia mancinus* were recorded from Golden Eagle Bog in Cook County on June 16 and 17 as well as eight sightings of *O. jutta* on June 16. *Oeneis macounii* was recorded on June 3 and June 28 from Cook County and on June 27 from St. Louis County.

On May 5, Jerry McCormick photographed and recorded several dozen *Adela purpurea* (Purple Fairy Moth, Adelidae) on willow catkins, east of Co. HWY 7, McDavitt Township, St. Louis County. As Kyle Johnson has recorded *purpurea* from six other northern Minnesota counties (per com.), this appears to be a new St. Louis County record [editor's note: Jerry also submitted one to BugGuide in 2016]. On June 27, Jerry photographed *Thyris maculata* (Thyrididae) nectaring on Daisy, the second time he has recorded this species from St. Louis County. On June 1, Gary Hinds of Hinckley (Pine County) photographed a pyralid identified by Brian Scholtens as *Moodna pallidostrinella*, the westernmost and most northern record of this species as well as a new Minnesota state record.

Compared to 2000 through 2013, Giant Silk Moths were scarce. Gary Hinds recorded *Callosamia promethea* from Pine County on May 31 and *Actias luna* on June 16. David MacLean (Cook County) recorded *Anthera polyphemus* on June 27. Dan Baumann observed several polyphemus and luna wings on the ground at

Golden Eagle Lodge in Cook County. Jerry McCormick, who reported heavy mortality of *Hyalophora cecropia* cocoons due to bird damage and tachinid fly parasitism, recorded the eclosion of a male *H. cecropia* on June 1. On June 16, Gary Hinds photographed a specimen of *Ellida caniplaga* (Notodontidae), a possible Pine County record. Possible Cook County records include *Magusa divaricata* (Noctuidae), a migrant from Central America that sometimes reaches southern Canada, *Lithophane amanda*, *Euxoa divergens*, and *Anicla illapsa*. *Cerastis fishii* was noted for only the second time in Cook County.



Adela purpurea in St. Louis Co., MN: Jerry McCormick

Minnesota notes from Allison Snopek-Barta

The spring of 2020 was late and cold just like 2019. On Friday, April 24th we were 4 degrees colder than the average temperature for this time of year. There was still snow on the north side of our house and garage. It was very dry with the “fire hazard” level High.

May 6th through 9th experienced record lows in Northern Minnesota followed by temperatures up to 30 degrees above average. First sign of any food for lepidoptera was May 7th and I observed lots of dandelions, followed by snow and low temperatures.

Finally, on May 14th we began to warm up to 60 degrees F, but still extremely dry. On May 17th I observed life trying to come out, it was the first real butterfly day. I saw a Harvester, 3 Pine Elfins, Western-tailed Blues, Mourning Cloak, spring azures, and a Silvery Blue.

May 18th I observed my first Meadow Fritillary. Still no rain, now under extreme Fire Danger, spring flowers not blooming, only dandelions still. On May 19th I set off for Big Bog State Park in search of the Red-disked Alpine (*Erebia discoidalis*). Before this year, in ten years of my “On the Hunt” news pertaining to north woods butterflies, I have never seen or photographed *E. discoidalis*. Monarchs arrival first observed on May 25, and then were laying eggs in my flower garden on June 2, and June 30th.

June 1st it was 80 degree F with rain June 3-7th. June 8th I was surprised to find a Common Buckeye (not common for the north woods) in my flower garden. June 25 & 26th, life finally blooming with all wildflowers late; this caused a lack of food and high competition for what could be found.

July 9th the second brood of Meadow Fritillaries emerged. I wish I had been to Steamboat trail early that day. I arrive at 5:40 and was surprised and accidentally scared off a beautiful aberration of this species, but with an almost clear photo. That prompted me to begin a summer long research project, collecting data, and photographing Meadow Fritillaries.

July 14th new brood of Monarchs emerges. July was a very hot month 85-90 degrees F, with abnormally high humidity levels up to 85%. July 20-29th a lull, a lot of species done/gone. An extreme rain event of 5 inches over several days was followed by White Admirals on July 30th, but low in population.

August was dry, and quiet, lepidoptera species disappearing quicker than prior years. September was met with more dry weather, and then cold arrived much earlier than usual years.

October 10th through 17th snow covered the ground, and cold for two weeks. Winter happened early. I saw and photographed a Milbert's Tortoiseshell on November 4th looking for food on dry leaves in my garden and a yellow plastic ball that I think the butterfly was hoping was a flower with nectar.

Overall in the midst of the Covid-19 pandemic, the 2020 Butterfly season here on Oak Point and neighboring counties was awesome. I had the thrill of seeing my first Red-disked Alpine butterflies. I was happy to have a Buckeye in my yard and then find a second one on July 4th down the road on dogbane. I was fortunate to see and photograph 2 Variegated Fritillaries (not common to our area). For the first time in ten years I got an open-winged photo of a Common Ringlet.

Most of all I enjoyed inviting professor Erika Bailey-Johnson from Bemidji State University and her son, Reed to go to all my observations sites, and share all the species at each. If I die of Covid-19 rest assured that another scientist now knows where I am finding the 89 species I have found "On the Hunt" for the Northwoods butterflies 2011-2020.



Satyrium titus in Cass Co., MN: Allison Snopek-Barta

Illinois notes from John Schwartz

Over the past few years I have been a regular contributor to the Summary. I observe moths and butterflies in the northwest suburbs of Chicago. I am not a trained biologist (I teach German and Russian) but I have been studying these creatures for more than 50 years, here in "Mordor" as well as on the East coast, where I lived for 40 years, and in southern Germany.

This year the most striking event was visit to my garden of *Aellopos titan*. I then saw the same species a few days later five miles away! I had never seen one of these before. We also enjoyed the sudden appearance of a good number of Black and Tiger swallowtails in mid-August. Numbers of both of these species have been declining - the continuing incineration of their habitats by the county as part of its "natural enhancement" program can't be helping - but we had a nice appearance this summer. Giant swallowtails appear here every August. I collect the larvae and raise them in safety. They always emerge between 12-25 May and I release them. Fritillaries, as I mention in the spreadsheet, have mostly disappeared in Kane County since regular burning began 15-20 years ago - they used to be ubiquitous. The only place we saw them is a prairie area that does not seem to be subject to

“enhancement” by Dupage County. I had the incredible pleasure of viewing numerous Regal Fritillaries at Nachusa Grassland southwest of here. It may have been the most positive event in all 2020, at least for me!

Other butterflies were basically at normal levels. I have been trying to establish that Saturniid moths are still regular denizens of our region, and had happy results this year as far as *Cecropia*, *Polyphemus*, and *Promethea* are concerned. I do find Luna cocoons under Walnut trees here - but always empty ones! No moths do not live here, for some reason, apparently. I see very few hawkmoths apart from Hummingbird and Bumblebee. I found a Sweetheart Underwing on my door lintel in September also. First one of these I've seen in years!

Upper Midwest notes from Kyle E. Johnson

Michigan: KEJ made a single trip to northern Lower Michigan in August, focusing on dune, alvar, fen, and pine barrens habitats. Records reported are for Emmet and Presque Isle counties, although Cheboygan, Crawford, Otsego, and Oscoda counties were also sampled. Species diversity and abundances seems slightly lower than expected, but nonetheless some interesting records resulted. Lake Michigan water levels continue to be very high, leaving some portions of Wilderness State Park under water.

Minnesota: KEJ (working for the Minnesota Biological Survey) did extensive field work in northwestern Minnesota, wrapping up a long-term project on the Lepidoptera biodiversity of the Agassiz Lowlands and Littlefork-Vermillion Uplands ecoregions. Despite this being the 14th year of sampling here, a surprising number of new records resulted; only a small portion is reported. These include at least nine state records. Overall species diversity and abundances seemed quite good compared to sites in Wisconsin and Michigan. The large, relatively intact landscapes of northern Minnesota have consistently produced excellent results in recent years.

Wisconsin: KEJ focused on sampling near home in southern Oconto County, an area dominated by good quality mixed hardwood-hemlock-pine forests with scattered wetlands. Spring phenology seemed "about average" and was slightly ahead of 2019. Fall weather was peculiar, with a cool October but very warm November, resulting in several unusually late records. Overall abundances and diversity seemed fair, but conspicuously less than seen in northern Minnesota this year. Butterfly abundances in particular seemed low, with one or two individuals observed for most species. Southern strays were limited, but there were a few noteworthy species.

Wisconsin Notes from Les Ferge

The moth season got underway with warm weather beginning in early April and continuing through spring, apart from a cold snap and hard freeze on 8-11 May. Summer was generally hot and humid, with areas of heavy rain in various parts of the state. Fall collecting opportunities were limited, with favorable conditions ending by early October northward. Moth numbers remained below average compared to historical levels. Only a few southern migrant moths were found, including *Ascalapha odorata*, *Marimatha nigrofimbria* and *Magusa divaricata*. The introduced Noctuid *Rhizedra lutosa* has extended its eastern Wisconsin range northward.

RECORDS:

Illinois:

Nymphalidae:

Argynnis cybele, Dupage Co, West Chicago Prairie (forest preserve), 24 Jun 2020, JDS, species extirpated in Kane Co.

Argynnis idalia, Lee Co, Franklin Grove, 4 Jul 2020, JDS, 20-30 seen

Boloria bellona, Dupage Co, West Chicago Prairie (forest preserve), 24 Jun 2020, JDS, species mostly gone in Kane Co.

Papilionidae:

Heraclides cresphontes, Kane Co, Burnridge Forest Preserve, 31 Jul-4 Aug 2020, JDS, larvae on Wafer Ash and Pricky Ash

Saturniidae:

Antheraea polyphemus, Kane Co, Elgin, 24 May-20 Aug 2020, JDS, multiple males attracted to calling females

Callosamia promethea, Kane Co, Elgin, 13-28 Jun 2020, JDS, 2-3 males attracted to calling females

Sphingidae:

Aellopos titan, Kane Co, Elgin, 13-18 Jul 2020, JDS, later individual seen at Pingree Grove FP, approx. 5 miles west of 13 July location

Michigan:

Sesiidae:

Synanthedon pyri, **Kalamazoo Co**, Gourdneck State Game Area, 5-22 Jul 2020, WTJ

Crambidae:

Parapoynx obscuralis, **Presque Isle Co**, Thompson's Harbor State Park, 21 Aug 2020, KEJ

Saucrobotys futilalis, **Emmet Co**, Wilderness State Park, 20 Aug 2020, KEJ

Thaumatopsis pectinifer, **Emmet Co**, Wilderness State Park, 20 Aug 2020, KEJ

Erebidae:

Catocala meskei, **Emmet Co**, Wilderness State Park, 20 Aug 2020, KEJ, uncommon in region

Crambidia pura, **Presque Isle Co**, Thompson's Harbor State Park, 21 Aug 2020, KEJ

Hyperna bijugalis, **Presque Isle Co**, Thompson's Harbor State Park, 21 Aug 2020, KEJ

Geometridae:

Synchlora aerata, **Presque Isle Co**, Thompson's Harbor State Park, 21 Aug 2020, KEJ

Gracillariidae:

Caloptilia hypericella, **Presque Isle Co**, Thompson's Harbor State Park, 21 Aug 2020, KEJ

Hesperiidae:

Hesperia leonardus, **Presque Isle Co**, Thompson's Harbor State Park, 21 Aug 2020, KEJ, on alvar

Noctuidae:

Achatodes zea, **Emmet Co**, Wilderness State Park, 20 Aug 2020, KEJ

Actebia fennica, **Emmet Co**, Wilderness State Park, 20 Aug 2020, KEJ

Anathix aggressa, **Emmet Co**, Wilderness State Park, 20 Aug 2020, KEJ

Euxoa fumalis, **Presque Isle Co**, Thompson's Harbor State Park, 21 Aug 2020, KEJ, common at bait in alvar woodland, rare in upper Midwest

Ponomotia candefacta, **Emmet Co**, Wilderness State Park, 20 Aug 2020, KEJ

Sympistis chionanthi, **Presque Isle Co**, Thompson's Harbor State Park, 21 Aug 2020, KEJ

Nymphalidae:

Euphydryas phaeton, **Gogebic Co**, Little Girls Point near Ironwood, 7 Jul 2017, EPO, 607' elev., 46.607682, -90.330033

Pyralidae:

Etiella zinckenella, **Emmet Co**, Wilderness State Park, 20 Aug 2020, KEJ, on dunes, rarely seen in upper Midwest

Tortricidae:

Archips alberta, **Emmet Co**, Wilderness State Park, 20 Aug 2020, KEJ

Epiblema otiosana, **Emmet Co**, Wilderness State Park, 20 Aug 2020, KEJ

Yponomeutidae:

Yponomeuta cagnagella, **Emmet Co**, Wilderness State Park, 20 Aug 2020, KEJ

Minnesota:

Adelidae:

Adela purpurea, **St. Louis Co**, E of Co Hwy 7, McDavitt Township, 5 May 2020, JM, several dozen on willow catkins

Cossidae:

Acossus populi, **Lake of the Woods Co**, Norris Camp, 27 Jun 2020, KEJ, new for upper Midwest states, **STATE RECORD**

Crambidae:

Hahncappia pergivalis, **Isanti Co**, 2.5 mi W of Pine Brook, 19 Jun 2020, JS6

Loxostege commixtalis, **St. Louis Co**, Lost Lake Peatland, 16 Jun 2020, KEJ

Palpita quadristigmalis, **Koochiching Co**, Big Falls, 15 Sep 2020, KEJ, 2nd MN record

Pyrausta fodinalis, **Koochiching Co**, Big Falls, 17 Jun 2020, KEJ

Pyrausta socialis, **Roseau Co**, Palsburg Pine Plains, 26 Jun 2020, KEJ

Pyrausta unifascialis, **St. Louis Co**, Lost Lake Peatland, 16 Jun 2020, KEJ

Sitochroa dasconalis, **Isanti Co**, Sagers Swamp (1.5 mi W of Pine Brook), 16 Jul 2020, JS6, possible **STATE RECORD**

Depressariidae:

Agonopterix conterminella, **Lake of the Woods Co**, Norris Camp, 28 Mar 2020, KEJ, **STATE RECORD**

Agonopterix curvilineella, **Koochiching Co**, Franz Jevne State Park, 3 Jan 2020, KEJ, hibernating under bark

Depressaria alienella, **Lake of the Woods Co**, Norris Camp, 19 Sep 2020, KEJ

Depressaria alienella, **Roseau Co**, Palsburg Pine Plains, 11 Sep 2020, KEJ, **STATE RECORD**

Ethmia monticola, **Roseau Co**, Palsburg Pine Plains, 22 May 2020, KEJ

Erebidae:

Apantesis doris, **Roseau Co**, Palsburg Pine Plains, 22 May 2020, KEJ, **STATE RECORD**

Bulia deducta, **Koochiching Co**, Lost River Peatland, 29 Jun 2020, KEJ, 2nd MN record

Calyptra canadensis, **Koochiching Co**, Lost River Peatland, 29 Jun 2020, KEJ

Catocala clintonii, **Clearwater Co**, Blue Lake, 16 Jul 2020, KEJ

Catocala whitneyi, **Lake of the Woods Co**, Norris Camp, 18 Jul 2020, KEJ, bizarre boreal record, leadplant native 10+ mi to W of location

Chaetagnaea cerata, **Lake of the Woods Co**, Norris Camp, 19 Sep 2020, KEJ

Cissusa spadix, **Isanti Co**, 2.5 mi W of Pine Brook, 20 May 2020, JS6, occurred in far northern MN this year

Cissusa spadix, **Roseau Co**, Winner, 22 May 2020, KEJ, northernmost MN record

Zale horrida, **Koochiching Co**, Big Falls, 17 Jun 2020, KEJ

Eriocraniidae:

Eriocrania semipurpurella, **Lake of the Woods Co**, Norris Camp, 20 May 2020, KEJ, 2nd MN record

Gelechiidae:

Dichomeris bilobella, **Isanti Co**, 2.5 mi W of Pine Brook, 27 Jul 2020, JS6

Scrobipalpula manierreorum, **Isanti Co**, 2.5 mi W of Pine Brook, 27 Jul 2020, JS6, distinctive leaf mines in bigleaf aster

Geometridae:

Eupithecia mutata, **Koochiching Co**, Wisner Trail, 2 Jun 2020, KEJ

Heliomata cycladata, **Koochiching Co**, Big Falls, 17 Jun 2020, KEJ, northernmost MN record

Heterophleps refusaria, **Beltrami Co**, Red Lake Peatland, 28 Jun 2020, KEJ

Nepytia pellucidaria, **Koochiching Co**, Big Falls, 15 Sep 2020, KEJ

Operophtera bruceata, **Koochiching Co**, Franz Jevne State Park, 4 Nov 2020, KEJ

Pasiphila rectangularata, **Beltrami Co**, Red Lake Peatland, 28 Jun 2020, KEJ, NW range extension

Plagodis kuetzingi, **Beltrami Co**, N Shore Upper Red Lake, 27 May 2020, KEJ

Gracillariidae:

Caloptilia bimaculatella, **Koochiching Co**, Wisner Trail, 2 Jun 2020, KEJ, NW range extension

Hesperiidae:

Amblyscirtes hegon, Cass Co, Oak Point, 31 May 2020, ASB, first sighting in 10 years

Erynnis icelus, Cook Co, 76 Walter Rd, Devil Track Lake, 26 Jun 2020, DBM, last record from David Grosshuesch & James Sanders

Erynnis lucilius, **Clearwater Co**, Blue Lake, 17 Jul 2020, KEJ, new for Agassiz Lowlands ecoregion

Euphyes dion, **Clearwater Co**, Red Lake River Sedge Meadows, 17 Jul 2020, KEJ

Wallengrenia egeremet, **Clearwater Co**, Blue Lake, 17 Jul 2020, KEJ, new for Agassiz Lowlands ecoregion

Limacodidae:

Packardia elegans, **Beltrami Co**, Red Lake Peatland, 28 Jun 2020, KEJ

Phobetron pithecium, Isanti Co, Sagers Swamp (1.5 mi W of Pine Brook), 19 Aug 2020, JS6, final instar on red oak

Lycaenidae:

Callophrys polios, Cass Co, Oak Point, 11 May 2020, ASB, mating at 46°F

Icaricia saepiolus, Cook Co, Junco Creek Rd off Pine Mt Rd, 28 Jun-7 Jul 2020, DBM, last record from David Grosshuesch & James Sanders

Icaricia saepiolus, Lake of the Woods Co, North Branch Rapid River, 25 Jun 2020, KEJ, apparently re-established in NW MN after long absence

Lycaena dorcas, Beltrami Co, 6 Jul 2020, ASB, first time at this site

Lycaena hyllus, **Beltrami Co**, 2 Jul 2020, ASB

Plebejus idas nabokovi, Cook Co, Junco Creek Rd off Pine Mt Rd, 28 Jun-7 Jul 2020, DBM, last record from David Grosshuesch & James Sanders

Plebejus idas, **Roseau Co**, Beltrami Island State Forest, 24 Jun 2020, KEJ, first record from NW MN

Plebejus idas nabokovi, St. Louis Co, Mesabi Bicycle Trail, 3 mi S of Kinney, 25 Jun 2020, JM

Satyrium acadica, **Beltrami Co**, 6 Jul 2020, ASB

Satyrium edwardsii, **Beltrami Co**, Red Lake Beach Ridges, 20 Jul 2020, KEJ, new for Agassiz Lowlands ecoregion

Noctuidae:

Acronicta lanceolaria, **Roseau Co**, Palsburg Pine Plains, 22 May 2020, KEJ

Acronicta lanceolaria, **St. Louis Co**, Murray Creek, 16 May 2020, KEJ

Chaetagnathia cerata, **Koochiching Co**, Big Falls, 15 Sep 2020, KEJ

Chaetagnathia cerata, **Roseau Co**, Palsburg Pine Plains, 11 Sep 2020, KEJ, **STATE RECORD**

Chrysanympa formosa, **Isanti Co**, Sagers Swamp (1.5 mi W of Pine Brook), 10 Jul 2020, JS6, rather southerly for MN

Euxoa quebecensis, **Lake of the Woods Co**, Zippel Bay State Park, 19 Jun 2020, KEJ, **STATE RECORD**

Heliopsis borealis, Koochiching Co, West Rat Root River Peatland, 3 Jun 2020, KEJ, flying during afternoon cloudy period

Hypocoena badistriga, **Koochiching Co**, Big Falls, 15 Sep 2020, KEJ

Hypocoena badistriga, **Roseau Co**, Axel Olson's Corner, 11 Sep 2020, KEJ, boreal sedge meadow

Lasionycta secedens, St. Louis Co, Lost Lake Peatland, 16 Jun 2020, KEJ, slight eastward range extension, raised bog complex

Pachypollia atricornis, **Pine Co**, Fox Rd, 3 mi W of Hinckley, 16-22 Sep 2020, DBM, record from Gary Hinds

Papaipema cerina, **Clearwater Co**, Blue Lake, 14 Sep 2020, KEJ, significant northern range extension in MN

Papaipema furcata, **Clearwater Co**, Blue Lake, 14 Sep 2020, KEJ, new for Agassiz Lowlands ecoregion

Papaipema furcata, **Lake of the Woods Co**, North Branch Rapid River, 21 Sep 2020, KEJ

Papaipema harrisii, **Koochiching Co**, Big Falls, 15 Sep 2020, KEJ

Papaipema impecuniosa, **Koochiching Co**, Porter Ridge Bog, 15 Sep 2020, KEJ, new for Agassiz Lowlands ecoregion

Papaipema inquaesita, **Lake of the Woods Co**, Norris Camp, 11 Sep 2020, KEJ, new for Agassiz Lowlands ecoregion

Papaipema lysimachiae, **Lake of the Woods Co**, Norris Camp, 11 Sep 2020, KEJ

Papaipema nebris, **Lake of the Woods Co**, North Branch Rapid River, 21 Sep 2020, KEJ, new for Agassiz Lowlands ecoregion

Papaipema nelita, **Roseau Co**, Hayes Lake State Park, 22 Sep 2020, KEJ, new for Agassiz Lowlands ecoregion

Sympistis piffardi, **Koochiching Co**, Big Falls, 15 Sep 2020, KEJ, 3rd MN locality

Ufeus satyricus, Koochiching Co, Franz Jevne State Park, 4 Nov 2020, KEJ, slight western range extension, new for Agassiz lowlands ecoregion

Nolidae:

Meganola spodia, **Beltrami Co**, Red Lake Peatland, 28 Jun 2020, KEJ

Nola cilicoides, **Beltrami Co**, Red Lake Peatland, 28 Jun 2020, KEJ

Notodontidae:

Furcula modesta, **Pine Co**, Fox Rd, 3 mi W of Hinckley, 25 May-4 Jul 2020, DBM, record from Gary Hinds
Gluphisia lintneri, **St. Louis Co**, Murray Creek, 16 May 2020, KEJ
Nerice bidentata, **Lake of the Woods Co**, North Branch Rapid River, 24 Jun 2020, KEJ
Notodonta scitipennis, **Beltrami Co**, Red Lake Peatland, 28 Jun 2020, KEJ
Pheosidea elegans, **Beltrami Co**, Red Lake Peatland, 28 Jun 2020, KEJ
Schizura apicalis, **Koochiching Co**, Big Falls, 17 Jun 2020, KEJ
Schizura apicalis, **Roseau Co**, Palsburg Pine Plains, 26 Jun 2020, KEJ
Schizura badia, **Roseau Co**, Palsburg Pine Plains, 26 Jun 2020, KEJ

Nymphalidae:

Boloria bellona, Cass Co, Oak Point, 18 May 2020, ASB, found aberrations on 11 Jul
Boloria freija, Koochiching Co, Myrtle Lake Peatland, 17 May 2020, KEJ, 100+ seen
Boloria frigga, Beltrami Co, Red Lake Peatland, 27 May 2020, KEJ, 120+ seen
Chlosyne harrisii, **Beltrami Co**, 24 Jun 2020, ASB
Erebia mancinus, St. Louis Co, Boyer Lake, 16 Jun 2020, KEJ, slight southern range extension
Lethe anhedon, Pine Co, Fox Rd, 3 mi W of Hinckley, 25 Jun 2020, DBM, early record from Gary Hinds
Lethe appalachia, **Cass Co**, Oak Point, 27 Jun 2020, ASB
Lethe appalachia, Beltrami Co, Red Lake Peatland, 28 Jun-11 Sep 2020, KEJ, unusual late date
Lethe appalachia, **Koochiching Co**, Lost River Peatland, 29 Jun 2020, KEJ
Limenitis arthemis, St. Louis Co, 6219 E Superior St, 11 Jul 2020, DBM, record from Pat Thomas, photo of *L. arthemis* X *L. astyanax*
intergrade together with *L. arthemis arthemis*
Oeneis macounii, Cook Co, 76 Walter Rd. Devil Track Lake, 3 Jun 2020, DBM, 1st since 2010 at this site

Oecophoridae:

Polix coloradella, **Koochiching Co**, Big Falls, 17 Jun 2020, KEJ

Psychidae:

Hyaloscotes pithopoera, Isanti Co, 2.5 mi W of Pine Brook, 15-22 Jun 2020, JS6, larval case from side of house, eclosed 22 Jun
Siederia walshella, **Koochiching Co**, Franz Jevne State Park, 3 Jan 2020, KEJ, case found under bark

Pyralidae:

Moodna pallidostrinella, **Pine Co**, Fox Rd, 3 mi W of Hinckley, 1 Jun 2020, DBM, record from Gary Hinds, ID by BScholtens, possible **STATE RECORD**
Pima albiplagiata, **Lake of the Woods Co**, Zippel Bay State Park, 19 Jun 2020, KEJ, 2nd MN record

Sesiidae:

Sesia tibiale, **Beltrami Co**, Red Lake Peatland, 23 Jul 2020, KEJ

Sphingidae:

Ceratonia amyntor, **Lake of the Woods Co**, North Branch Rapid River, 24 Jun 2020, KEJ
Hemaris gracilis, **Koochiching Co**, Big Falls, 17 Jun 2020, KEJ
Sphecodina abbottii, **Koochiching Co**, Wisner Trail, 2 Jun 2020, KEJ, at bait

Tortricidae:

Acleris hudsoniana, **Lake of the Woods Co**, Norris Camp, 20 May 2020, KEJ
Acleris nivisellana, **Beltrami Co**, Red Lake Peatland, 19 May 2020, KEJ
Acleris oxycoccana, Beltrami Co, Red Lake Peatland, 23 Mar & 5 Nov 2020, KEJ, March records from Western Water Track with deep snow cover
Amorbia humerosana, **Beltrami Co**, Red Lake Peatland, 19 May 2020, KEJ
Ancylis divisana, **Koochiching Co**, Big Falls, 17 Jun 2020, KEJ
Ancylis unguicella, **Beltrami Co**, Red Lake Peatland, 19 May 2020, KEJ
Argyrotaenia alisellana, **Lake of the Woods Co**, North Branch Rapid River, 24 Jun 2020, KEJ
Cenopsis pettitana, **Lake of the Woods Co**, Norris Camp, 27 Jun 2020, KEJ
Epiblema scudderiana, **Beltrami Co**, N Shore Upper Red Lake, 27 May 2020, KEJ
Epinotia artostaphylana, **Koochiching Co**, Big Falls, 15 Sep 2020, KEJ
Eucopina gloriola, **Roseau Co**, Palsburg Pine Plains, 22 May 2020, KEJ
Eucopina monitorana, **Roseau Co**, Palsburg Pine Plains, 22 May 2020, KEJ
Eucosma verna, **Roseau Co**, Palsburg Pine Plains, 22 May 2020, KEJ
Gynnidomorpha romonana, **Isanti Co**, 2.5 mi W of Pine Brook, 8 Aug 2020, JS6
Retinia gemistrigulana, **Roseau Co**, Palsburg Pine Plains, 26 Jun 2020, KEJ
Thyalia nana, **Koochiching Co**, Wisner Trail, 2 Jun 2020, KEJ

Wisconsin:**Adelidae:**

Adela purpurea, **Oconto Co**, Robenhorst Pine Plains, 2 May 2020, KEJ, common on catkins of prairie willow

Apatelodidae:

Apatelodes torrefacta, **Dane Co**, Mazo Dog Unit, 3.5mi N of Mazomanie on Y, 8 Jun 2018, EPO, UV/MV lights, 741' elev., 43.222367, -89.800389

Carposinidae:

Bondia crescentella, **Oconto Co**, Little Suamico, 6 May-8 Jun 2020, KEJ

Cosmopterigidae:

Cosmopterix fernaldella, **Oconto Co**, Little Suamico, 8 Jul 2020, KEJ

Cossidae:

Acossus centerensis, **Vilas Co**, Van Vliet Lake, 4 mi SW of Presque Isle, 3 Jul 2017, EPO, UV/MV lights. 1657' elev., 46.189007, -89.758483

Crambidae:

Dicymolomia julianalis, **Oconto Co**, Little Suamico, 14 Aug 2020, KEJ

Hahncappsia marculenta, **Oconto Co**, Little Suamico, 12 Aug 2020, KEJ

Lipocosmodes fuliginosalis, **Oconto Co**, Little Suamico, 13 Aug 2020, KEJ

Nascia acutellus, **Oconto Co**, Little Suamico, 8 Jun 2020, KEJ

Palpita arsaltealis, **Rusk Co**, Flambeau State River Forest, Sobieski Flowage, 18 May 2020, RT

Pyrausta bicoloralis, **Oconto Co**, Little Suamico, 12-13 Aug 2020, KEJ

Sitochroa palealis, **Oconto Co**, Little Suamico, 8 Jul-12 Aug 2020, KEJ

Spoladea recurvalis, **Oconto Co**, Little Suamico, 11 Oct 2020, KEJ

Thaumatopsis pectinifer, **Manitowoc Co**, Point Beach State Forest, 23-24 Aug 2020, KEJ, 2nd WI site?, common on dunes

Thopeutis forbesellus, **Oconto Co**, Little Suamico, 8 Jul 2020, KEJ

Drepanidae:

Drepana arcuata, **Rusk Co**, Flambeau State River Forest, Skinner Creek Rd, 18 May 2020, RT

Erebidae:

Apantesis virguncula, **Vilas Co**, North Lakeland Discovery Center @ Statehouse Lake, 3 Jul 2020, EPO, UV/MV lights, 5878' elev., 40.006742, -105.330215

Ascalapha odorata, **Brown Co**, Hobart (Hobart Crossing Apts), 29 Jul 2020, LAF, specimen from Susana Stevens

Ascalapha odorata, **Manitowoc Co**, Point Beach State Forest, 24 Aug 2020, SCB, good condition female at bait

Catocala meskei, **Oconto Co**, Little Suamico, 12-14 Aug 2020, KEJ

Chytolita morbidalis, **Oconto Co**, Little Suamico, 8 Jun 2020, KEJ

Euparthenos nubilis, **Juneau Co**, Koval Rd, 11 Jun 2020, LAF

Idia majoralis, **Oconto Co**, Little Suamico, 12-14 Aug 2020, KEJ

Macrochilo louisiana, **Oconto Co**, Little Suamico, 12 Aug 2020, KEJ

Metalectra quadrisignata, **Oconto Co**, Little Suamico, 12-14 Aug 2020, KEJ

Panopoda rufimargo, **Oconto Co**, Little Suamico, 8 Jul 2020, KEJ

Panopoda rufimargo, **Richland Co**, 2.5mi W of Lone Rock on US14 west, 9 Jun 2010, EPO, UV/MV lights. 680' elev., 43.193524, -90.239092

Phragmatobia lineata, **Crawford Co**, W of Hwy 60 & Badger Rd, 12 Aug 2020, LAF

Renia discoloralis, **Crawford Co**, W of Hwy 60 & Badger Rd, 12 Aug 2020, LAF

Scoliopteryx libatrix, **Rusk Co**, Flambeau State River Forest, Sobieski Flowage, 18 May 2020, RT

Zale duplicata, **Rusk Co**, Flambeau State River Forest, Skinner Creek Rd, 18 May 2020, RT

Zale intenta, **Rusk Co**, Flambeau State River Forest, Sobieski Flowage, 18 May 2020, RT

Zale minerea, **Rusk Co**, Flambeau State River Forest, Sobieski Flowage, 18 May 2020, RT

Zale phaeocapna, **Rusk Co**, Flambeau State River Forest, Sobieski Flowage, 18 May 2020, RT

Zanclognatha cruralis, **Oconto Co**, Little Suamico, 8 Jun 2020, KEJ

Eriocraniidae:

Eriocrania semipurpurella, **Oconto Co**, Little Suamico, 2 May 2020, KEJ

Euteliidae:

Paetes pygmaea, **Oconto Co**, Little Suamico, 12 Aug 2020, KEJ, 2nd WI record?

Gelechiidae:

Aproaerema palpiineella, **Oconto Co**, Little Suamico, 7 Nov 2020, KEJ

Dichomeris punctidiscella, **Oconto Co**, Little Suamico, 8 Jun 2020, KEJ

Metzneria lappella, **Oconto Co**, Little Suamico, 8 Jul 2020, KEJ

Geometridae:

Anticlea vasiliata, **Rusk Co**, Flambeau State River Forest, Skinner Creek Rd, 18 May 2020, RT

Cabera quadrifasciaria, **Juneau Co**, Koval Rd, 11 Jun 2020, LAF

Cabera quadrifasciaria, **Richland Co**, LWRSWA Lone Rock Unit, 15 Jun 2020, LAF

Cladara atroliturata, **Rusk Co**, Flambeau State River Forest, Sobieski Flowage, 18 May 2020, RT

Cladara limitaria, **Oconto Co**, Little Suamico, 18 Apr-8 Nov 2020, KEJ, fall date is very unusual

Cladara limitaria, **Rusk Co**, Flambeau State River Forest, Skinner Creek Rd, 18 May 2020, RT

Cyclophora pendulinaria, **Rusk Co**, Flambeau State River Forest, Sobieski Flowage, 18 May 2020, RT

Digrammia equivocata, **Juneau Co**, Koval Rd, 11 Jun 2020, LAF

Digrammia gnophosaria, **Oconto Co**, Little Suamico, 13 Aug 2020, KEJ

Ectropis crepuscularia, **Rusk Co**, Flambeau State River Forest, Skinner Creek Rd, 18 May 2020, RT

Epelis truncataria, **Oconto Co**, Machickanee Flowage, 7 May 2020, KEJ

Euphyia intermedia, **Rusk Co**, Flambeau State River Forest, Sobieski Flowage, 18 May 2020, RT

Eupithecia ravocostaliata, **Oconto Co**, Little Suamico, 2 May 2020, KEJ

Eusarca confusaria, **Vilas Co**, Van Vliet Lake, 4 mi SW of Presque Isle, 3 Jul 2017, EPO, UV/MV lights. 1657' elev., 46.189007, -89.758483

Eutrapela clemataria, **Rusk Co**, Flambeau State River Forest, Sobieski Flowage, 18 May 2020, RT

Heliomata cycladata, **Oconto Co**, Little Suamico, 8 Jun 2020, KEJ

Heterophleps refusaria, **Oconto Co**, Little Suamico, 8 Jun 2020, KEJ

Heterophleps triguttaria, **Oconto Co**, Little Suamico, 8 Jun-14 Aug 2020, KEJ

Homochlodes fritillaria, **Rusk Co**, Flambeau State River Forest, Skinner Creek Rd, 18 May 2020, RT

Hydriomena perfracta, **Rusk Co**, Flambeau State River Forest, Skinner Creek Rd, 18 May 2020, RT
Hydriomena renunciata, **Rusk Co**, Flambeau State River Forest, Sobieski Flowage, 18 May 2020, RT
Iridopsis ephyraria, **Oconto Co**, Little Suamico, 8 Jul 2020, KEJ
Lobophora nivigerata, **Rusk Co**, Flambeau State River Forest, Sobieski Flowage, 18 May 2020, RT
Lomographa glomeraria, **Rusk Co**, Flambeau State River Forest, Sobieski Flowage, 18 May 2020, RT
Lomographa semiclarata, **Rusk Co**, Flambeau State River Forest, Sobieski Flowage, 18 May 2020, RT
Lycia ursaria, **Oconto Co**, Little Suamico, 6 Apr 2020, KEJ
Macaria abruptata, **Richland Co**, LWRSWA Lone Rock Unit, 15 Jun 2020, LAF
Melanolophia signataria, **Rusk Co**, Flambeau State River Forest, Skinner Creek Rd, 18 May 2020, RT
Petrophora subaequaria, **Rusk Co**, Flambeau State River Forest, Skinner Creek Rd, 18 May 2020, RT
Plagodis phlogosaria, **Rusk Co**, Flambeau State River Forest, Sobieski Flowage, 18 May 2020, RT
Scopula cacuminaria, **Oconto Co**, Little Suamico, 8 Jul 2020, KEJ
Selenia kentaria, **Rusk Co**, Flambeau State River Forest, Skinner Creek Rd, 18 May 2020, RT
Sicya macularia, **Oconto Co**, Little Suamico, 8 Jul 2020, KEJ
Spodolepis substriatata, **Rusk Co**, Flambeau State River Forest, Sobieski Flowage, 18 May 2020, RT
Tacparia detersata, **Rusk Co**, Flambeau State River Forest, Sobieski Flowage, 18 May 2020, RT
Triphosa haesitata, **Rusk Co**, Flambeau State River Forest, Sobieski Flowage, 18 May 2020, RT
Venusia comptaria, **Rusk Co**, Flambeau State River Forest, Sobieski Flowage, 18 May 2020, RT
Xanthorhoe labradorensis, **Oconto Co**, Little Suamico, 15 May 2020, KEJ

Gracillariidae:

Caloptilia alnicolella, **Rusk Co**, Flambeau State River Forest, Skinner Creek Rd, 18 May 2020, RT
Caloptilia cornusella, **Oconto Co**, Little Suamico, 8 Jul 2020, KEJ
Caloptilia coroniella, **Oconto Co**, Little Suamico, 1-2 May 2020, KEJ
Caloptilia packardella, **Oconto Co**, Little Suamico, 8 Jun 2020, KEJ
Caloptilia strictella, **Oconto Co**, Little Suamico, 13 Aug 2020, KEJ
Cremastobombycia solidaginis, **Oconto Co**, Little Suamico, 8 Nov 2020, KEJ, very late date

Hepialidae:

Sthenopsis purpurascens, **Douglas Co**, Wisconsin Point Rd, 23 Jul 2020, LAF

Hesperiidae:

Hesperia leonardus, Bayfield Co, Power line 5.2 mi N of Ino of FR 236, 16 Aug 2020, LAF, nectaring on *Liatris* flowers
Hylephila phyleus, **Oconto Co**, Little Suamico, 6 Oct 2020, KEJ
Poanes viator, **Oconto Co**, Little Suamico, 5 Aug 2020, KEJ, small sedge meadow pocket

Incurvariidae:

Phylloporia bistrigella, **Oconto Co**, Little Suamico, 8 Jun 2020, KEJ

Lycaenidae:

Callophrys henrici, **Oconto Co**, Machickanee Flowage, 7 May 2020, KEJ, acid peatland/mixed forest, 2 observed
Celastrina neglecta, **Oconto Co**, Little Suamico, 6 Oct 2020, KEJ, odd late date

Noctuidae:

Achatia distincta, **Rusk Co**, Flambeau State River Forest, Sobieski Flowage, 18 May 2020, RT
Acrionicta impressa, **Rusk Co**, Flambeau State River Forest, Skinner Creek Rd, 18 May 2020, RT
Acrionicta vinnula, **Oconto Co**, Little Suamico, 12 Aug 2020, KEJ
Amphipyra glabella, **Oconto Co**, Little Suamico, 13 Aug 2020, KEJ
Anathix aggressa, **Brown Co**, Suamico (Harbor Lights Rd), 15 Sep 2020, LAF
Apamea nigrrior, **Crawford Co**, W of Hwy 60 & Badger Rd, 15 Jun 2020, LAF
Balsa labecula, **Oconto Co**, Little Suamico, 8 Jun-8 Jul 2020, KEJ
Bellura brehmei, **Marinette Co**, Bog NW of Goodman, 30 Jun 2020, LAF
Brachionycha borealis, **Sauk Co**, Baraboo Hills, 7 Apr 2020, LAF
Capsula oblonga, **Crawford Co**, W of Hwy 60 & Badger Rd, 12 Aug 2020, LAF
Capsula subflava, **Crawford Co**, W of Hwy 60 & Badger Rd, 12 Aug 2020, LAF
Cerastis fishii, **Oconto Co**, Machickanee Flowage, 2 May 2020, KEJ
Cerastis salicarum, **Rusk Co**, Flambeau State River Forest, Sobieski Flowage, 18 May 2020, RT
Colocasia flavicornis, **Rusk Co**, Flambeau State River Forest, Sobieski Flowage, 18 May 2020, RT
Colocasia propinquilinea, **Oconto Co**, Little Suamico, 8 Jun 2020, KEJ
Colocasia propinquilinea, **Vilas Co**, Van Vliet Lake, 4 mi SW of Presque Isle, 1 Jul 2020, EPO, UV/MV lights. 1657' elev., 46.189007, -89.758483
Condica sutor, **Oconto Co**, Little Suamico, 8 Jun 2020, KEJ, unusually early date for this southern stray
Copavaleria grotei, **Rusk Co**, Flambeau State River Forest, Sobieski Flowage, 18 May 2020, RT
Crocigrapha normani, **Rusk Co**, Flambeau State River Forest, Sobieski Flowage, 18 May 2020, RT
Cucullia speyeri, **Florence Co**, Spread Eagle Barrens (Overlook Rd), 30 Jun 2020, LAF
Egira dolosa, **Rusk Co**, Flambeau State River Forest, Sobieski Flowage, 18 May 2020, RT
Elaphria alapallida, **Oconto Co**, Little Suamico, 8 Jun 2020, KEJ
Enargia infumata, **Oconto Co**, Little Suamico, 8 Jul-12 Aug 2020, KEJ
Euplexia benesimilis, **Oconto Co**, Little Suamico, 12 Aug 2020, KEJ
Eupsilia morrisoni, **Rusk Co**, Flambeau State River Forest, Sobieski Flowage, 18 May 2020, RT
Eupsilia tristigmata, **Rusk Co**, Flambeau State River Forest, Sobieski Flowage, 18 May 2020, RT
Euxoa divergens, **Florence Co**, Spread Eagle Barrens (Overlook Rd), 30 Jun 2020, LAF

Euxoa manitobana, **Douglas Co**, Wisconsin Point Dunes, 23 Jul 2020, LAF
Euxoa abeliscoides, **Douglas Co**, Wisconsin Point Dunes, 16 Aug 2020, LAF
Fagitana littera, **Sauk Co**, LWRSWA Bakken's Pond Unit, 15 Jun 2020, LAF
Feltia geniculata, **Oconto Co**, Little Suamico, 14 Aug 2020, KEJ
Feltia tricoso, **Oconto Co**, Little Suamico, 14 Aug 2020, KEJ
Feralia comstocki, **Rusk Co**, Flambeau State River Forest, Sobieski Flowage, 18 May 2020, RT
Feralia major, **Oconto Co**, Little Suamico, 18 Apr 2020, KEJ
Graphiphora augur, **Oconto Co**, Little Suamico, 8 Jul-12 Aug 2020, KEJ
Hillia iris, **Brown Co**, Suamico (Harbor Lights Rd), 15 Sep 2020, LAF
Ipimorpha pleonectusa, **Oconto Co**, Little Suamico, 13 Aug 2020, KEJ
Leuconycta diptheroides, **Oconto Co**, Little Suamico, 8 Jun-14 Aug 2020, KEJ
Lithophane baileyi, **Oconto Co**, Little Suamico, 6 Mar-11 Apr 2020, KEJ
Lithophane franclemonti, **Columbia Co**, Lost Lake SNA, 2 Apr 2020, LAF
Lithophane hemina, **Rusk Co**, Flambeau State River Forest, Sobieski Flowage, 18 May 2020, RT
Lithophane innominata, **Rusk Co**, Flambeau State River Forest, Sobieski Flowage, 18 May 2020, RT
Lithophane laticinerea, **Oconto Co**, Little Suamico, 9 Nov 2020, KEJ
Lithophane petulca, **Rusk Co**, Flambeau State River Forest, Sobieski Flowage, 18 May 2020, RT
Lithophane pexata, **Oconto Co**, Little Suamico, 11 Apr 2020, KEJ
Lithophane pexata, **Rusk Co**, Flambeau State River Forest, Skinner Creek Rd, 18 May 2020, RT
Magusa divaricata, **Brown Co**, Suamico (Harbor Lights Rd), 15 Sep-6 Oct 2020, LAF
Magusa divaricata, **Oconto Co**, Little Suamico, 9 Nov 2020, KEJ, unusually late date for southern stray at this latitude
Magusa divaricata, **Oconto Co**, Pensaukee (Pecor Point Lane), 15 Sep 2020, LAF
Marimatha nigrofimbria, **Crawford Co**, Leitner Hollow Rd & Hwy 35, 24 Sep 2020, LAF
Morrisonia confusa, **Rusk Co**, Flambeau State River Forest, Sobieski Flowage, 18 May 2020, RT
Morrisonia evicta, **Rusk Co**, Flambeau State River Forest, Sobieski Flowage, 18 May 2020, RT
Mythimna oxygala, **Oconto Co**, Little Suamico, 8 Jun 2020, KEJ
Mythimna unipuncta, **Rusk Co**, Flambeau State River Forest, Sobieski Flowage, 18 May 2020, RT
Oligia bridghamii, **Oconto Co**, Little Suamico, 8 Jul 2020, KEJ
Oligia obtusa, **Crawford Co**, W of Hwy 60 & Badger Rd, 12 Aug 2020, LAF
Orthosia garmani, **Oconto Co**, Little Suamico, 6-25 Apr 2020, KEJ
Orthosia revicta, **Oconto Co**, Little Suamico, 11 Apr-2 May 2020, KEJ
Orthosia revicta, **Rusk Co**, Flambeau State River Forest, Sobieski Flowage, 18 May 2020, RT
Papaipema circumlucens, **Crawford Co**, W of Hwy 60 & Badger Rd, 12 Aug 2020, LAF
Papaipema rutila, **Iowa Co**, Clyde Twp (upland forest S of Hwy 133), 24 Sep 2020, LAF
Parabagrotis exsertistigma, **Oconto Co**, Little Suamico, 8 Jul 2020, KEJ, 2nd WI record
Phosphila turbulenta, **Crawford Co**, W of Hwy 60 & Badger Rd, 12 Aug 2020, LAF
Phosphila turbulenta, **Richland Co**, LWRSWA Knapp Creek Unit, 12 Aug 2020, LAF
Photedes includens, **Richland Co**, LWRSWA Knapp Creek Unit, 15 Jun 2020, LAF
Photedes panatela, **Juneau Co**, Koval Rd, 11 Jun 2020, LAF
Plusia magnimacula, **Sauk Co**, LWRSWA Bakken's Pond Unit, 15 Jun 2020, LAF
Ponometia candefacta, **Oconto Co**, Little Suamico, 13 Aug 2020, KEJ
Ponometia erastrioides, **Oconto Co**, Little Suamico, 12 Aug 2020, KEJ
Pyreferra citrombra, **Rusk Co**, Flambeau State River Forest, Sobieski Flowage, 18 May 2020, RT
Raphia frater, **Rusk Co**, Flambeau State River Forest, Skinner Creek Rd, 18 May 2020, RT
Resapamea stipata, **Richland Co**, LWRSWA Lone Rock Unit, 12 Aug 2020, LAF
Rhizedra lutosa, **Brown Co**, Suamico (Harbor Lights Rd), 15 Sep 2020, LAF
Schinia trifascia, **Crawford Co**, W of Hwy 60 & Badger Rd, 12 Aug 2020, LAF
Schinia trifascia, **Richland Co**, LWRSWA Knapp Creek Unit, 12 Aug 2020, LAF
Trichordestra rugosa, **Marinette Co**, Bog NW of Goodman, 30 Jun 2020, LAF
Xylena curvimacula, **Rusk Co**, Flambeau State River Forest, Sobieski Flowage, 18 May 2020, RT
Xylena nupera, **Oconto Co**, Little Suamico, 3-11 Apr 2020, KEJ

Nolidae:

Baileya ophthalmica, **Rusk Co**, Flambeau State River Forest, Skinner Creek Rd, 18 May 2020, RT

Notodontidae:

Clostera albostigma, **Rusk Co**, Flambeau State River Forest, Sobieski Flowage, 18 May 2020, RT

Gluphisia avimacula, **Rusk Co**, Flambeau State River Forest, Sobieski Flowage, 18 May 2020, RT

Gluphisia lintneri, **Rusk Co**, Flambeau State River Forest, Sobieski Flowage, 18 May 2020, RT

Hyperaeschra georgica, **Oconto Co**, Little Suamico, 8 Jun 2020, KEJ

Schizura leptinoides, **Oconto Co**, Little Suamico, 8 Jul 2020, KEJ

Symmerista canicosta, **Vilas Co**, Van Vliet Lake, 4 mi SW of Presque Isle, 1 Jul 2020, EPO, UV/MV lights. 1657' elev., 46.189007, -89.758483

Prodoxidae:

Prodoxus decipiens, **Oconto Co**, Little Suamico, 8 Jul 2020, KEJ

Pterophoridae:

Geina tenuidactylus, **Oconto Co**, Little Suamico, 8 Jul 2020, KEJ

Gillmeria pallidactyla, **Oconto Co**, Little Suamico, 8 Jun 2020, KEJ

Pyralidae:

Acrobasis angusella, **Oconto Co**, Little Suamico, 12 Aug 2020, KEJ, northern range extension
Euzophera semifuneralis, **Oconto Co**, Little Suamico, 13 Aug 2020, KEJ
Hypsopygia thymetusalis, **Oconto Co**, Little Suamico, 8 Jul 2020, KEJ, 2nd WI record
Sciota subcaesiella, **Oconto Co**, Little Suamico, 8 Jun 2020, KEJ
Zophodia grossulariella, **Rusk Co**, Flambeau State River Forest, Sobieski Flowage, 18 May 2020, RT

Saturniidae:

Dryocampa rubicunda, **Oconto Co**, Little Suamico, 8 Jun-12 Aug 2020, KEJ, odd late date

Sesiidae:

Synanthedon acerni, **Oconto Co**, Little Suamico, 8 Jun 2020, KEJ

Sphingidae:

Amorpha juglandis, **Oconto Co**, Little Suamico, 8 Jul 2020, KEJ
Ceratomia amyntor, **Vilas Co**, Van Vliet Lake, 4 mi SW of Presque Isle, 29 Jun 2019, EPO, UV/MV lights. 1657' elev., 46.189007, -89.758483
Hemaris aethra, **Oconto Co**, Little Suamico, 8 Jun 2020, KEJ

Thyrididae:

Thyris maculata, **Oconto Co**, Little Suamico, 8 Jun 2020, KEJ, on *Erigeron philadelphicus* flowers

Tineidae:

Acrolophus arcanella, **Oconto Co**, Little Suamico, 8 Jul 2020, KEJ

Tortricidae:

Acleris busckana, **Oconto Co**, Little Suamico, 6 Apr 2020, KEJ
Acleris flavivittana, **Oconto Co**, Little Suamico, 11 Apr 2020, KEJ
Acleris forbesana, **Oconto Co**, Little Suamico, 7 Apr-13 Oct 2020, KEJ
Acleris pulverosana, **Oconto Co**, Little Suamico, 2 Apr-1 May 2020, KEJ
Acleris semipurpurana, **Oconto Co**, Little Suamico, 8 Jul 2020, KEJ
Aethes argentilimitana, **Oconto Co**, Little Suamico, 8 Jun 2020, KEJ
Ancylis discigerana, **Oconto Co**, Little Suamico, 8 Jun 2020, KEJ
Ancylis nubeculana, **Oconto Co**, Little Suamico, 8 Jun 2020, KEJ
Archips packardiana, **Oconto Co**, Little Suamico, 8 Jul 2020, KEJ
Argyrotaenia mariana, **Rusk Co**, Flambeau State River Forest, Sobieski Flowage, 18 May 2020, RT
Argyrotaenia pinatubana, **Oconto Co**, Little Suamico, 8 Jun 2020, KEJ
Catastega aceriella, **Rusk Co**, Flambeau State River Forest, Sobieski Flowage, 18 May 2020, RT
Cochylichroa viscana, **Oconto Co**, Little Suamico, 12 Aug 2020, KEJ
Corticivora clarki, **Oconto Co**, Little Suamico, 8 Jul 2020, KEJ
Epiblema obfusca, **Oconto Co**, Little Suamico, 8 Jun 2020, KEJ
Epiblema otiosana, **Oconto Co**, Little Suamico, 12-13 Aug 2020, KEJ
Epinotia cinereana, **Oconto Co**, Little Suamico, 8 Jul 2020, KEJ
Eucosma ambodaidaleia, **Oconto Co**, Little Suamico, 1 May 2020, KEJ
Grapholita eclipsana, **Oconto Co**, Little Suamico, 1-6 May 2020, KEJ, flying during day near black locust stand
Olethreutes coruscana, **Oconto Co**, Little Suamico, 8 Jun 2020, KEJ
Pelochrista zomonana, **Oconto Co**, Little Suamico, 8 Jun 2020, KEJ
Proteoteras crescentana, **Oconto Co**, Little Suamico, 8 Jul 2020, KEJ
Pseudexentera costomaculana, **Oconto Co**, Little Suamico, 2 May 2020, KEJ
Pseudexentera kalmiana, **Oconto Co**, Machickanee Flowage, 26 Apr-2 May 2020, KEJ, common in small acid peatland
Retinia gemistrigulana, **Oconto Co**, Little Suamico, 8 Jul 2020, KEJ
Rhyacionia adana, **Oconto Co**, Little Suamico, 18 Apr 2020, KEJ
Rhyacionia granti, **Oconto Co**, Little Suamico, 2-11 Apr 2020, KEJ
Syndemis afflictana, **Rusk Co**, Flambeau State River Forest, Sobieski Flowage, 18 May 2020, RT
Thyralia nana, **Oconto Co**, Little Suamico, 8 Jun 2020, KEJ

Uraniidae:

Calledapteryx dryopterata, **Columbia Co**, Lost Lake SNA, 11 Jun 2020, LAF
Callizia amorata, **Sauk Co**, LWRSWA Bakken's Pond Unit, 15 Jun 2020, LAF

Ypsolophidae:

Ypsolopha falciferella, **Oconto Co**, Little Suamico, 2-3 Apr 2020, KEJ

Zygaenidae:

Harrisina americana, **Oconto Co**, Little Suamico, 8 Jul 2020, 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), James Adams & Lance Durden (AD1), James Adams & Brian Scholtens (AS4), James Adams, Lance Durden, Jeff Sloten (DSA), Giff Beaton (GIF), Mike Chapman (MC), Vicki DeLoach (VD1), Kyli Duke (KD1), Lance A. Durden (LAD), Jan Hansen (JH), Kayla Heinz (KH), Doug Hughes (DOH), John A. Hyatt (JAH), Michael L. Israel (MLI), Malcolm Jenkins (MJ), Neeley Keeton (NK1), Roy Morris, (RM), Rose Payne (RP2), John Pickering (JP3), Jamie Riedy (JR), Brian G. Scholtens (BGS), Deborah Shepard (DS8), Merle Shepard (MS2), William H. Taft, Jr. (WTJ), Theresa Thom (TT), James P. Tuttle (JPT), Kate Tweedy, (KT1)

The year 2020 in the Southeast was about 2°F above average in mean temperature, with extended stretches of high temperatures, particularly nighttime temperatures. Drought was not a feature of the area, as all states had significant rainfall, but this often occurred in large downpours. Several tropical storms and hurricanes contributed to the rainfall and also had significant impacts on the Gulf states and mid-Atlantic states. Hurricane Isaias caused severe flooding in North Carolina and Virginia during early August. Category 4 Hurricane Laura affected Louisiana and other states at the end of August, as did Hurricane Sally in September and Hurricane Zeta in October.

RECORDS:

Arkansas:

Erebidae:

Catocala illecta, **Hempstead Co.**, Grandview Wildlife Mgmt Area (under permit from AG&FC), 3 Jun 2020, RLP, at banana bait

Catocala insolabilis, **Hempstead Co.**, Grandview Wildlife Mgmt Area (under permit from AG&FC), 28 Jun 2020, RLP, tapping trees in oak-hickory forest

Catocala myristica, **Hempstead Co.**, Grandview Wildlife Mgmt Area (under permit from AG&FC), 28 Jun 2020, RLP, western range extension, **STATE RECORD**

Hesperiidae:

Erynnis funeralis, **Washington Co.**, Ozark NF, Jct Hwy 220/Strickles Rd, 27 Jun 2020, RLP, nectaring at roadside flowers

Sesiidae:

Paranthrene dollii, **Pike Co.**, along A-8, Glenwood, 5-8 Jun 2020, WTJ

Synanthedon rubrofascia, **Montgomery Co.**, 3.5 mi N of Norman, along A-27, 5-8 Jun 2020, WTJ

Florida:

Sphingidae:

Eumorpha fasciatus, Pinellas Co., John Chestnut County Park, 6 Oct 2020, JPT, several eggs found on *Ludwigia peruviana*, very small for the genus (approx. 1mm), reared

Eumorpha labruscae, **Pinellas Co.**, John Chestnut County Park, 6 Oct 2020, JPT, single egg found on *Ludwigia peruviana*, twice the size (2mm) of *E. fasciatus* eggs on the same plant, reared

Georgia:

Apatelodidae:

Olceclostera indistincta, **Wheeler Co.**, Alligator Creek WMA, 17-18 Aug 2020, LAD, very few in state

Argyresthiidae:

Argyresthia alternatella, **McIntosh Co.**, Sapelo Island, 8 May 2018, BGS, **STATE RECORD**

Cosmopterigidae:

Limnaecia phragmitella, **McIntosh Co.**, Sapelo Island, 18 Sep 2015, BGS, **STATE RECORD**

Perimede falcata, **McIntosh Co.**, Sapelo Island, 8 May 2020, BGS, **STATE RECORD**

Cossidae:

Inguromorpha basalis, **Gordon Co.**, Calhoun, Sunset Hills subdivision, 24 May 2020, JKA, very few in state

Inguromorpha basalis, **Wheeler Co.**, Alligator Creek WMA, 14-15 Jun 2020, LAD, very few in state

Crambidae:

Chilo erianthalis, **McIntosh Co.**, Sapelo Island, 26 Apr 2019, BGS

Compacta capitalis, **Walker Co.**, Taylor's Ridgeline, 5 mi W of Villanow, 29-30 Jun 2020, JKA, 2nd location in state
Crambus sanfordellus, **Taylor Co.**, Fall Line Sandhills WMA, 3 Oct-22 Nov 2019, BGS, **STATE RECORD**
Diaphania modialis, **Glynn Co.**, Brunswick, 23 Sep 2020, MC, 2nd known location in state
Elophila faulalis, **McIntosh Co.**, Sapelo Island 26-27 Apr 2019, BGS, **STATE RECORD**
Glaphyria basiflavalis, **McIntosh Co.**, Sapelo Island, 27 Apr 2019, BGS, **STATE RECORD**
Glaphyria peremptalis, **Bibb Co.**, Macon, 2-4 May 2020, RP2, **STATE RECORD**
Hahncappsia marculenta, **McIntosh Co.**, Sapelo Island, 25 Apr 2019, BGS, **STATE RECORD**
Lygropia rivulalis, **McIntosh Co.**, Sapelo Island, 27 Apr 2019, BGS, **STATE RECORD**
Microcrambus minor, **McIntosh Co.**, Sapelo Island, 18 Sep 2016, LAD, **STATE RECORD**
Niphograptus albigitellus, **McIntosh Co.**, Sapelo Island, 10 May 2018, BGS, **STATE RECORD**
Nymphulielia daeckealis, **McIntosh Co.**, Sapelo Island, 25 Apr 2019, BGS, **STATE RECORD**
Orphanostigma haemorrhoidalis, **Glynn Co.**, Brunswick, 7 Sep 2020, MC, **STATE RECORD**
Ostrinia obumbratalis, **McIntosh Co.**, Sapelo Island, 27 Apr 2019, BGS, **STATE RECORD**
Rupela tinctella, **McIntosh Co.**, Sapelo Island, 9 May 2018, BGS
Syngamia florella, **Whitfield Co.**, Rocky Face Ridgeline, just SW of Dalton, 8-9 Oct 2020, JKA, very few in N GA
Terastia meticulosalis, **Camden Co.**, 2 May 2020, KD1, very few in state

Depressariidae:

Antaeotricha osseella, **McIntosh Co.**, Sapelo Island, 14 Sep 2012, BGS, **STATE RECORD**
Antaeotricha osseella, **Taylor Co.**, Fall Line Sandhills WMA, 3-6 Oct 2019, AD1, recent prep and ID
Psilocorsis quercicella, **McIntosh Co.**, Sapelo Island, 13 Oct 2017, LAD, recent prep and ID

Erebidae:

Ascalapha odorata, **Catoosa Co.**, Ringgold, 29 Aug 2020, KH, uncommon
Ascalapha odorata, **Gordon Co.**, Calhoun (JKA residence), 6 Aug 2020, JKA, uncommon in GA
Catocala cerogama, **Walker Co.**, Taylor's Ridgeline, 5 mi W of Villanow, 11-17 Jul 2020, JKA, few NW GA records, only time common
Catocala habilis, **Walker Co.**, Taylor's Ridgeline, 5 mi W of Villanow, 15 Aug-18 Sep 2020, JKA, only time encountered in GA
Catocala illecta, **Bartow Co.**, Salacoa Rd at Salacoa Creek, SE of Fairmount, 2-3 Jun 2020, JKA, 4th record from GA
Catocala innubens, **Gordon Co.**, Calhoun (JKA residence), 12 Jul 2020, JKA, very few in state
Catocala insolabilis, **Walker Co.**, Taylor's Ridgeline, 5 mi W of Villanow, 29 Jun-11 Jul 2020, JKA, very uncommon in NW GA
Catocala judith, **Walker Co.**, Taylor's Ridgeline, 5 mi W of Villanow, 29 Jun-17 Jul 2020, JKA, uncommon in GA
Catocala louiseae, **Bulloch Co.**, Canoochee Sandhills WMA, 1 Jun 2020, LAD, uncommon in state
Catocala luctuosa, **Walker Co.**, Taylor's Ridgeline, 5 mi W of Villanow, 23 Aug-12 Oct 2020, JKA, several records between these dates
Catocala luctuosa, **Whitfield Co.**, Rocky Face Ridgeline, just SW of Dalton, 8-9 Aug 2020, JKA, few GA records
Catocala minuta, **Whitfield Co.**, Rocky Face Ridgeline, just SW of Dalton, 26-27 Jun 2020, JKA, very few GA records
Catocala miranda, **Walker Co.**, Taylor's Ridgeline, 5 mi W of Villanow, 13 Jun-3 Jul 2020, JKA, four specimens total, very uncommon in GA
Catocala obscura, **Walker Co.**, Taylor's Ridgeline, 5 mi W of Villanow, 23 Aug 2020, JKA, very few records in state
Catocala orba, **Bulloch Co.**, Canoochee Sandhills WMA, 1 Jun 2020, LAD, 2nd location in state
Catocala residua, **Walker Co.**, Taylor's Ridgeline, 5 mi W of Villanow, 17 Jul-12 Oct 2020, JKA, many records in this time period
Catocala sappho, **Walker Co.**, Taylor's Ridgeline, 5 mi W of Villanow, 17-18 Jul 2020, JKA, first for me in county
Catocala serena, **Walker Co.**, Taylor's Ridgeline, 5 mi W of Villanow, 29 Jun-18 Jul 2020, JKA, many records in this time period
Cisthene kentuckiensis, **Walker Co.**, Taylor's Ridgeline, 5 mi W of Villanow, 29-30 Jun 2020, JKA, few records in GA
Cyrcia oregonensis, **Bartow Co.**, Salacoa Rd at Salacoa Creek, SE of Fairmount, 13-14 Jul 2020, JKA, few in state
Cyrcia oregonensis, **Whitfield Co.**, Rocky Face Ridgeline, just SW of Dalton, 8-9 Aug 2020, JKA, few GA records
Drasteria graphica, **Wheeler Co.**, Alligator Creek WMA, 13 Mar 2020, DSA, farthest inland besides Taylor Co.
Gondysia similis, **Wheeler Co.**, Alligator Creek WMA, 13 Mar-21 Jun 2020, DSA
Gondysia smithii, **Wheeler Co.**, Alligator Creek WMA, 13 Mar-21 Jun 2020, DSA
Hypocala andremona, **Whitfield Co.**, Rocky Face Ridgeline, just SW of Dalton, 8-9 Aug 2020, JKA, few north GA records
Melipotis fasciolaris, **Wheeler Co.**, Alligator Creek WMA, 24-27 Sep 2020, JKA, few GA records
Mocis marcida, **Bartow Co.**, Salacoa Rd at Salacoa Creek, SE of Fairmount, 2-3 Jun 2020, JKA, abundant this summer
Neoplynes eudora, **Bulloch Co.**, Canoochee Sandhills WMA, 23-24 Jul 2020, LAD, farthest inland in GA
Lascoria orneodalis, **Glynn Co.**, Brunswick, 3 Dec 2020, MC, **STATE RECORD**
Phytometra ernestinana, **Wheeler Co.**, Alligator Creek WMA, 14-27 Sep 2020, DSA
Ptichodis pacalis, **Ware Co.**, Dixon Memorial Forest WMA near Laura Walker Lake, 12-13 Mar 2020, JKA, only known from this area in GA
Sigela eoides, **Wheeler Co.**, Alligator Creek WMA, 21 Jun-18 Aug 2020, AD1, uncommon in GA
Simplicia cornicalis, **Wheeler Co.**, Alligator Creek WMA, 14-27 Sep 2020, DSA, spreading northward in GA
Spilosoma dubia, **Wheeler Co.**, Alligator Creek WMA, 13 Mar 2020, DSA
Zale fictilis, **Bulloch Co.**, Canoochee Sandhills WMA, 31 May-1 Jun 2020, LAD, 2nd time from county, few in state
Zale fictilis, **McIntosh Co.**, Sapelo Island, 14-18 May 2020, AD1, Island record, very few in state
Zale helata, **McIntosh Co.**, Sapelo Island, 14-18 May 2020, AD1
Zale perculata, **Wheeler Co.**, Alligator Creek WMA, 13 Mar 2020, DSA, 40+ adults
Zale phaecopna, **Bartow Co.**, Salacoa Rd at Salacoa Creek, SE of Fairmount, 2-3 Jun 2020, JKA, very few in state

Gelechiidae:

Aroga trialbamaculella, **McIntosh Co.**, Sapelo Island, 10 Mar 2016, BGS, confirmed by dissection
Bescivia nov. sp., **McIntosh Co.**, Sapelo Island, 8 May 2018, BGS, **STATE RECORD**
Chionodes sevir, **McIntosh Co.**, Sapelo Island, 8 May 2018, BGS, **STATE RECORD**
Coleotechnites ca. huntella, **McIntosh Co.**, Sapelo Island, 23 Feb 2016, BGS, **STATE RECORD**
Dichomeris sylphe, **McIntosh Co.**, Sapelo Island, 27 Apr 2019, BGS, confirmed by dissection, **STATE RECORD**

Dichomeris xanthoa, **McIntosh Co.**, Sapelo Island, 14 Sep 2012, LAD, confirmed by dissection, **STATE RECORD**
Fascista bimaculella, **McIntosh Co.**, Sapelo Island, 26 Apr 2019, BGS, **STATE RECORD**
Glauce nov. sp., **McIntosh Co.**, Sapelo Island, 10 May 2017, LAD, confirmed by dissection, **STATE RECORD**
Numata bipunctella, **McIntosh Co.**, Sapelo Island, 21 Apr 2017, LAD, recent prep and ID, **STATE RECORD**
Sitotroga cerealella, **McIntosh Co.**, Sapelo Island, 27 Apr 2019, BGS, confirmed by dissection, **STATE RECORD**
Taygete gallaegenitella, **McIntosh Co.**, Sapelo Island, 8 May 2018, BGS, **STATE RECORD**
Telphusa perspicua, **McIntosh Co.**, Sapelo Island, 8 May 2013, BGS, confirmed by dissection, **STATE RECORD**

Geometridae:

Biston betularia, **Walker Co.**, Taylor's Ridgeline, 5 mi W of Villanow, 26-27 Jul 2020, JKA, farthest W in GA
Cyclophora culicaria, **Wheeler Co.**, Alligator Creek WMA, 14 Jun-27 Sep 2020, AD1, 3rd location in state, most abundant here
Eubaphe meridiana, **Wheeler Co.**, Alligator Creek WMA, 24-27 Sep 2020, DSA, few in state
Fernaldella georgiana, **Wheeler Co.**, Alligator Creek WMA, 13 Mar-27 Sep 2020, DSA, 5th county for this species, also found in June and August; earliest (mid-March) and latest (late Sept.) records ever for this species
Glena cognataria, **Bulloch Co.**, Canoochee Sandhills WMA, 28-29 Apr 2020, LAD
Idaea micropterata, **Bulloch Co.**, Canoochee Sandhills WMA, 27-28 Apr 2020, LAD, farthest north record
Idaea ostentaria, **Bulloch Co.**, Canoochee Sandhills WMA, 27 Apr-1 Jun 2020, LAD, farthest north record
Idaea ostentaria, **Wheeler Co.**, Alligator Creek WMA, 14-27 Sep 2020, DSA
Idaea taturata, **Bartow Co.**, Salacoa Rd at Salacoa Creek, SE of Fairmount, 27-28 Aug 2020, JKA, abundant, established in NW GA
Iridopsis pergracilis, **Wheeler Co.**, Alligator Creek WMA, 17-18 Aug 2020, LAD
Leptostales crossi, **McIntosh Co.**, Sapelo Island, 14-18 May 2020, AD1, 2nd time on Sapelo
Leptostales laevitaria, **Wheeler Co.**, Alligator Creek WMA, 24-27 Sep 2020, JKA, few in state
Lithophane laceyi, **Gordon Co.**, Calhoun (JKA residence), 3 Feb 2020, JKA, 2nd record for location
Lomographa semiclarata, **Bartow Co.**, Salacoa Rd at Salacoa Creek, SE of Fairmount, 2-3 Jun 2020, JKA, very few in state
Lomographa semiclarata, **Walker Co.**, Crockford-Pigeon Mountain WMA, west side, 27 Mar 2020, JKA, very few in state
Lomographa semiclarata, **Whitfield Co.**, Rocky Face Ridgeline, just SW of Dalton, 27-28 Mar 2020, JKA, very few in state
Macaria coortaria, **Bulloch Co.**, Canoochee Sandhills WMA, 28-29 Apr 2020, LAD, **STATE RECORD**
Nemoria catachloa, **Wheeler Co.**, Alligator Creek WMA, 14-15 Sep 2020, LAD
Nemoria outina, **Wheeler Co.**, Alligator Creek WMA, 17 Aug-27 Sep 2020, DSA
Petrophora divisata, **Wheeler Co.**, Alligator Creek WMA, 13 Mar 2020, DSA
Phaeoura quernaria, **Gordon Co.**, Calhoun (JKA residence), 28 May-6 Jun 2020, JKA, 1st time taking second generation
Psamatodes abydata, **Richmond Co.**, Phinizy Swamp Park, Augusta, 18 Sep 2020, JR, very few in state
Scopula cacuminiaria, **Fulton Co.**, Serenbe, Serenbe Pool, 2 May 2020, GIB, **STATE RECORD**
Stenaspilatodes antidiscaria, **Wheeler Co.**, Alligator Creek WMA, 17-18 Aug 2020, LAD, farthest inland on coastal plain
Stenoporpia polygrammaria, **Whitfield Co.**, Rocky Face Ridgeline, just SW of Dalton, 3-4 Sep 2020, JKA, 2nd record for GA
Tacparia zalissaria, **Wheeler Co.**, Alligator Creek WMA, 13 Mar 2020, DSA

Glyphipterigidae:

Diploschizia lanista, **Taylor Co.**, Fall Line Sandhills WMA, 22 Nov 2019, BGS

Gracilariidae:

Caloptilia rhoifoliella, **McIntosh Co.**, Sapelo Island, 22 Jun 2017, LAD, recent prep and ID, **STATE RECORD**
Cameraria conglomeratella, **McIntosh Co.**, Sapelo Island, 27 Apr 2019, BGS, **STATE RECORD**
Phyllocnistis liquidambarisella, **McIntosh Co.**, Sapelo Island, 25 Apr 2019, BGS, **STATE RECORD**

Hepialidae:

Sthenopsis pretiosa, **Fannin Co.**, Mountain Lake Circle Cabins, S of Morganton, 2 Jun 2020, RM, 3rd location in state

Hesperiidae:

Burnsius oileus, **Bartow Co.**, Salacoa Rd at Salacoa Creek, SE of Fairmount, 6 Sep 2020, JKA, farthest north record
Calpodus ethlius, **Whitfield Co.**, Dalton area, north end of Chattanooga Rd, 7 Oct 2020, NK1, very uncommon in GA
Copaeodes minima, **Bartow Co.**, Salacoa Rd at Salacoa Creek, SE of Fairmount, 6 Sep 2020, JKA, very uncommon in N GA

Megalopygidae:

Megalopyge pyxidifera, **Bulloch Co.**, Canoochee Sandhills WMA, 28-29 Apr 2020, LAD, farthest north record

Momphidae:

Mompha capella, **McIntosh Co.**, Sapelo Island, 21 Apr 2017, LAD, recent prep and ID, **STATE RECORD**
Mompha passerella, **McIntosh Co.**, Sapelo Island, 21 Apr 2017, LAD, recent prep and ID, **STATE RECORD**

Noctuidae:

Acronicta fallax, **Wheeler Co.**, Alligator Creek WMA, 13 Mar 2020, DSA
Acronicta insularis, **Richmond Co.**, Phinizy Swamp Park, Augusta, 18 Sep 2020, JR
Acronicta interrupta, **Wheeler Co.**, Alligator Creek WMA, 13 Mar 2020, DSA
Alypia octomaculata, **Wheeler Co.**, Alligator Creek WMA, 13 Mar 2020, DSA, in light trap
Alypia wittfeldi, **Long Co.**, along Hwy 84/301, 3 mi S of Ludowici, 12 Mar 2020, JKA
Apamea nigrior, **Whitfield Co.**, Rocky Face Ridgeline, just SW of Dalton, 24-25 May 2020, JKA, 2nd record for the state
Bagisara brouana, **Wheeler Co.**, Alligator Creek WMA, 14 Jun-15 Sep 2020, LAD, 4th location in state
Bagisara repanda, **Wheeler Co.**, Alligator Creek WMA, 14-15 Sep 2020, LAD
Basilodes pepita, **Walker Co.**, Taylor's Ridgeline, 5 mi W of Villanow, 10-11 Sep 2020, JKA, uncommon in GA
Cerma cora, **Wheeler Co.**, Alligator Creek WMA, 13 Mar 2020, DSA
Chaetagnathia rhonda, **Bulloch Co.**, Canoochee Sandhills WMA, 25-26 Nov 2020, LAD, few locations in state
Chaetagnathia rhonda, **Whitfield Co.**, Rocky Face Ridgeline, just SW of Dalton, 9-10 Nov 2020, JKA, few locations in state
Cirrhophanus triangulifer, **Whitfield Co.**, Rocky Face Ridgeline, just SW of Dalton, 11 Sep 2020, JKA, uncommon in GA

Condica claufacta, **Ware Co.**, Dixon Memorial Forest WMA near Laura Walker Lake, 11-12 Mar 2020, JKA, uncommon in GA
Cucullia alfarata, **Wheeler Co.**, Alligator Creek WMA, 24-27 Sep 2020, DSA, uncommon in GA
Cucullia asteroides, Whitfield Co., Rocky Face Ridgeline, just SW of Dalton, 19-20 Aug 2020, JKA, uncommon in GA
Cucullia convexipennis, Walker Co., Taylor's Ridgeline, 5 mi W of Villanow, 15-16 Aug 2020, JKA, uncommon in GA
Elaphria nucicolora, **Whitfield Co.**, Rocky Face Ridgeline, just SW of Dalton, 21 Oct-10 Nov 2020, JKA, farthest N record
Emarginea percara, **Walker Co.**, Taylor's Ridgeline, 5 mi W of Villanow, 11 Jul-1 Aug 2020, JKA, very few N GA records
Emarginea percara, Whitfield Co., Rocky Face Ridgeline, just SW of Dalton, 26-27 Jul 2020, JKA, very few N GA records
Fagitana littera, **McIntosh Co.**, Sapelo Island, 14-18 May 2020, AD1, very few in state
Feltia manifesta, **Wheeler Co.**, Alligator Creek WMA, 13 Mar 2020, DSA, 3rd location on coastal plain
Feralia major, Gordon Co., Calhoun (JKA residence), 23 Dec 2019, JKA, one day earlier than the earliest previous NW GA record
Gonodes liquida, **Glynn Co.**, near Hofwyl Plantation, 21 Mar 2020, MC, 2nd location in state
Gonodes liquida, McIntosh Co., Sapelo Island, 14-18 May 2020, AD1, 3rd record for island
Hadena ectypa, **Walker Co.**, Taylor's Ridgeline, 5 mi W of Villanow, 3 Jul-16 Aug 2020, JKA, three specimens total
Lithophane abita, **Wheeler Co.**, Alligator Creek WMA, 13 Mar 2020, DSA, farthest inland in state
Meropleon titan, Whitfield Co., Rocky Face Ridgeline, just SW of Dalton, 12-13 Sep 2020, JKA, very uncommon in GA, 3 individuals
Mouralia tinctorides, **Bulloch Co.**, Statesboro, 26 Oct 2020, LAD, 2nd known location in state
Papaipema arctivorens, Whitfield Co., Rocky Face Ridgeline, just SW of Dalton, 3-4 Sep 2020, JKA, 2nd record for location
Papaipema duovata, **McIntosh Co.**, Kittles Island, 22-23 Nov 2020, JH, 1st record from location
Papaipema marginidens, **Walker Co.**, Taylor's Ridgeline, 5 mi W of Villanow, 11-22 Oct 2020, JKA, many specimens
Papaipema polyminiae, **Walker Co.**, Taylor's Ridgeline, 5 mi W of Villanow, 11 Oct 2020, JKA
Papaipema rutila, Whitfield Co., Rocky Face Ridgeline, just SW of Dalton, 3-4 Sep 2020, JKA, very uncommon in GA
Photedes carterae, **Bulloch Co.**, Canoochee Sandhills WMA, 25-26 Nov 2020, LAD, 3rd location in state
Photedes carterae, **Tattnall Co.**, Canoochee Pitcherplant Bog, 7 Nov 2020, LAD, 2nd location in state
Photedes enervata, McIntosh Co., Sapelo Island, 14-18 May 2020, AD1, island record, very few in state
Ponometia fasciatella, **Wheeler Co.**, Alligator Creek WMA, 21 Jun-18 Aug 2020, AD1, 3rd location in state
Protapamea danieli, **Walker Co.**, Crockford-Pigeon Mountain WMA, north side, 13 Jun 2020, JKA
Protorthodes oviduca, **Glynn Co.**, Brunswick, 16 Nov 2020, MC, few in state
Pseudeustrotia indeterminata, **Wheeler Co.**, Alligator Creek WMA, 21-24 Jun 2020, JKA, 4th location in state
Pyreferra hesperidago, Walker Co., Taylor's Ridgeline, 5 mi W of Villanow, 26-27 Mar 2020, JKA, uncommon in GA
Pyrrhia cilisca, Whitfield Co., Rocky Face Ridgeline, just SW of Dalton, 26-27 Aug 2020, JKA, uncommon in GA
"Resapamea" trigona, **Whitfield Co.**, Rocky Face Ridgeline, just SW of Dalton, 26-27 Aug 2020, JKA, odd to catch this cane feeder on a ridgeline
Schinia fulleri, **Wheeler Co.**, Alligator Creek WMA, 14-27 Sep 2020, DSA
Schinia gracilentia, **Wheeler Co.**, Alligator Creek WMA, 14-27 Sep 2020, DSA
Schinia grandimedia, **Walker Co.**, Taylor's Ridgeline, 5 mi W of Villanow, 10-11 Sep 2020, JKA, 2nd location in state
Schinia petulans, **Wheeler Co.**, Alligator Creek WMA, 24-27 Sep 2020, DSA
Schinia psamathea, **Wheeler Co.**, Alligator Creek WMA, 14-27 Sep 2020, DSA
Schinia sanguinea, **Wheeler Co.**, Alligator Creek WMA, 24-27 Sep 2020, DSA
Schinia scissooides, **Wheeler Co.**, Alligator Creek WMA, 14-27 Sep 2020, DSA
Schinia tuberculum, **Wheeler Co.**, Alligator Creek WMA, 24-27 Sep 2020, DSA
Sideridis ruisa, **Wheeler Co.**, Alligator Creek WMA, 24-27 Sep 2020, DSA, very local in state
Sideridis vindemialis, **Wheeler Co.**, Alligator Creek WMA, 13 Mar 2020, DSA, 2nd location in state
Spodoptera albula, **Wheeler Co.**, Alligator Creek WMA, 24-27 Sep 2020, DSA, **STATE RECORD**
Spodoptera latifascia, **Whitfield Co.**, Rocky Face Ridgeline, just SW of Dalton, 21 Oct-10 Nov 2020, JKA, farthest N record
Stiria rugifrons, **Walker Co.**, Taylor's Ridgeline, 5 mi W of Villanow, 10-11 Sep 2020, JKA, uncommon in GA
Sympistis eleaner, McIntosh Co., Sapelo Island, 14-15 May 2020, AD1, 1st record since major hurricane
Sympistis perscripta, **Wheeler Co.**, Alligator Creek WMA, 13 Mar 2020, DSA, 5th location in state
Ulolonche modesta, **Wheeler Co.**, Alligator Creek WMA, 13 Mar 2020, DSA, farthest S in US
Xestia dilucida, **Wheeler Co.**, Alligator Creek WMA, 21-24 Jun 2020, JKA, very early record, normally late fall

Nolidae:

Afrida ydatodes, **Bulloch Co.**, Canoochee Sandhills WMA, 28-29 Apr 2020, LAD
Afrida ydatodes, **Wheeler Co.**, Alligator Creek WMA, 21-27 Sep 2020, DSA
Diphthera festiva, **Wheeler Co.**, Alligator Creek WMA, 24-27 Sep 2020, DSA
Nola clethrae, **Wheeler Co.**, Alligator Creek WMA, 14-27 Sep 2020, DSA

Notodontidae:

Datana ranaecephs, **Wheeler Co.**, Alligator Creek WMA, 17-18 Aug 2020, LAD
Heterocampa varia, **Wheeler Co.**, Alligator Creek WMA, 14-24 Jun 2020, AD1
Hyparpax aurora, **Wheeler Co.**, Alligator Creek WMA, 14-24 Jun 2020, AD1
Hyparpax perophoroides, **Bulloch Co.**, Canoochee Sandhills WMA, 1-2 Jun 2020, LAD, farthest north record
Peridea bordeloni, **Bartow Co.**, Salacoa Rd at Salacoa Creek, SE of Fairmount, 13-14 Jul 2020, JKA, documentation for other earlier records
Tecmessa scitiscrupta, Whitfield Co., Rocky Face Ridgeline, just SW of Dalton, 8-9 Aug 2020, JKA, 1st in over a decade

Nymphalidae:

Heliconius charithonia, **Burke Co.**, Sardis, 5 Nov 2020, MJ, uncommon northward
Heliconius charithonia, Cherokee Co., along Little River, 10 Oct 2020, VD, seen at this location just once before, far north in state
Heliconius charithonia, Fulton Co., Atlanta metro (south), 28 Nov 2020, DOH, far north in state
Hypolimnas misippus, Chatham Co., Fort Pulaski, Cocks spur Island, Savannah, 13 Nov 2020, JH, female

Hypolimnas misippus, **Glynn Co.**, Little St. Simon's Island, 13 Oct 2020, KT1, male
Hypolimnas misippus, **McIntosh Co.**, Florabundance Nursery, nr. Meridian, 13 Sep 2020, DS8, only one previous record from GA
Lethe appalachia, **Bulloch Co.**, Statesboro, 8 Apr 2020, LAD, uncommon this far south

Oecophoridae:

Decantha stecia, **McIntosh Co.**, Sapelo Island, 26 Apr 2019, BGS
Ymeldia janae, **McIntosh Co.**, Sapelo Island, 8 May 2018, BGS, confirmed by dissection, **STATE RECORD**

Papilionidae:

Pterourus appalachiensis, Fannin Co., Sea Creek Falls area, Cooper's Creek WMA, 2 May 2020, JKA, most abundant butterfly that day

Psychidae:

Astala confederata, **Wheeler Co.**, Alligator Creek WMA, 14-15 Sep 2020, LAD, few records in state
Basicladus tracyi, **Wheeler Co.**, Alligator Creek WMA, 14-15 Sep 2020, LAD, few records in state
Macalla zelleri, **McIntosh Co.**, Sapelo Island, 25 Apr 2019, BGS
Oiketicus abbotii, **Wheeler Co.**, Alligator Creek WMA, 21-24 Jun 2020, JKA

Pyralidae:

Basacallis tarachodes, **Wheeler Co.**, Alligator Creek WMA, 24-27 Sep 2020, DSA, few records in the state
Caudellia apyrella, **Taylor Co.**, Fall Line Sandhills WMA, 3-6 Oct 2019, AD1, **STATE RECORD**
Honora mellinella, **Taylor Co.**, Fall Line Sandhills WMA, 3-6 Oct 2019, AD1, **STATE RECORD**
Pococera melanogrammos, **McIntosh Co.**, Sapelo Island, 26 Apr 2019, BGS, **STATE RECORD**
Tacoma feriella, **Taylor Co.**, Fall Line Sandhills WMA, 3-6 Oct 2019, AD1, **STATE RECORD**

Sesiidae:

Carmenta texana, **McIntosh Co.**, Sapelo Island, 14-18 May 2020, AD1, previously recorded from island but not reported
Podosesia syringae, Gordon Co., Calhoun (JKA residence), 16-21 Oct 2020, JKA, very late, at pheromone
Synanthedon alleri, **Gordon Co.**, Calhoun (JKA residence), 29 May-2 Jun 2020, JKA, far north, very few records in GA

Sphingidae:

Isoparce cupressi, **Wheeler Co.**, Alligator Creek WMA, 13 Mar-21 Jun 2020, DSA
Sphinx frankkii, Whitfield Co., Rocky Face Ridgeline, just SW of Dalton, 19-20 Aug 2020, JKA, uncommon in GA

Tineidae:

Euprora argentiliniella, **McIntosh Co.**, Sapelo Island, 26 Apr 2019, BGS, **STATE RECORD**
Homosetia marginimaculella, **McIntosh Co.**, Sapelo Island, 25 Apr 2019, BGS, **STATE RECORD**
Pelecystola nearctica, **McIntosh Co.**, Sapelo Island, 26 Apr 2019, BGS, **STATE RECORD**
Stenoptinea auriferella, **McIntosh Co.**, Sapelo Island, 21 Apr 2017, LAD, recent prep and ID, **STATE RECORD**

Tortricidae:

Celypha cespitana, **Taylor Co.**, Fall Line Sandhills WMA, 22 Nov 2019, BGS, **STATE RECORD**
Cenopsis cana, **McIntosh Co.**, Sapelo Island, 27 Apr 2019, BGS, **STATE RECORD**
Cenopsis pettitana, **McIntosh Co.**, Sapelo Island, 8 May 2018, BGS, **STATE RECORD**
Crociosema perplexana, **McIntosh Co.**, Sapelo Island, 8 May 2018, BGS, **STATE RECORD**
Epiblema resumptana, **McIntosh Co.**, Sapelo Island, 8 May 2018, BGS, **STATE RECORD**
Eucosma ambodaidaleia, **McIntosh Co.**, Sapelo Island, 23 Feb 2016, LAD, **STATE RECORD**
Eucosma litorea, **Wheeler Co.**, Alligator Creek WMA, 17 Aug-27 Sep 2020, DSA, recently described, few GA records
Grapholita molesta, **McIntosh Co.**, Sapelo Island, 7 Sep 2013, BGS, recent ID, **STATE RECORD**
Gretchena bolliana, **Taylor Co.**, Fall Line Sandhills WMA, 23 Nov 2019, BGS, **STATE RECORD**
Hedya chionosema, **Clarke Co.**, Athens, 31 May 2020, JP3, rare in state
Olethreutes furfuranum, **McIntosh Co.**, Sapelo Island, 27 Apr 2019, BGS, **STATE RECORD**
Pelochrista adamantana, **Bulloch Co.**, Canoochee Sandhills WMA, 28-29 Oct 2020, LAD, 4th location in state
Pelochrista quinque maculana, **Wheeler Co.**, Alligator Creek WMA, 24-27 Sep 2020, DSA
Platynota stultana, **McIntosh Co.**, Sapelo Island, 21 Apr 2017, LAD, recent prep and ID, **STATE RECORD**
Zomaria interruptolineana, **Wheeler Co.**, Alligator Creek WMA, 13 Mar 2020, DSA

Louisiana:

Erebidae:

Ascalapha odorata, East Feliciana Parish, Asphodel Plantation, S. Jackson, 31 May 2020, MLI

Noctuidae:

Amphipyra pyramidoides, East Feliciana Parish, Asphodel Plantation, S. Jackson, 13 Jul 2020, MLI

Sphingidae:

Amphion floridensis, East Feliciana Parish, Asphodel Plantation, S. Jackson, 11 Mar 2020, MLI
Eumorphia pandorus, East Baton Rouge Parish, Baton Rouge, 30 Mar 2020, MLI
Paonias myops, East Feliciana Parish, Asphodel Plantation, S. Jackson, 21 Feb 2020, MLI

Mississippi:

Erebidae:

Catocala dejecta, Pontotoc Co., ENE of Troy, 17 Aug 2020, RLP, tapping trees in oak-hickory forest

Catocala flebilis, Lee Co., NE of Palmetto community, 17 Aug 2020, RLP, tapping trees in oak-hickory forest
Catocala myrsinitica, Chickasaw Co., Natchez Trace Parkway mi 226, 9 Sep 2016, RLP, late for state

Noctuidae:

Pyreferra slotteni, Warren Co., Vicksburg, 11 Dec 2020, RLP, MV light

Sesiidae:

Carmenta anthracipennis, **Oktibbeha Co.**, Osborne Prairie, 11 May-20 Jun 2020, RLP, pheromone trap
Vitacea polistiformis, **Warren Co.**, Vicksburg, 24 Jun 2020, RLP, pheromone trap

South Carolina:

Bucculatricidae:

Bucculatrix magnella, **Charleston Co.**, Francis Marion NF, Halfway Creek Rd, 17 May 2020, BGS, **STATE RECORD**

Crambidae:

Argyria lacteella, **Beaufort Co.**, Spring Island, 10 Oct 2020, BGS

Leptosteges xantholeucalis, **Berkeley Co.**, Halfway Creek Rd, pitcher plant bog, 17 May 2020, BGS, **STATE RECORD**

Microcrambus biguttellus, **Beaufort Co.**, Spring Island, 10 Oct 2020, BGS

Microcrambus elegans, **Beaufort Co.**, Spring Island, 10 Oct 2020, BGS

Nacoleia charesalis, **Charleston Co.**, 710 New Market Dr., Mt. Pleasant, 1 Jul-15 Aug 2020, BGS, confirmation of **STATE RECORD** photo on iNaturalist from 2016

Parapediasia teterellus, **Beaufort Co.**, Spring Island, 10 Oct 2020, BGS

Samea multiplicalis, **Beaufort Co.**, Spring Island, 10 Oct 2020, BGS

Undulambia striatalis, **Berkeley Co.**, Halfway Creek Rd, pitcher plant bog, 17 May 2020, BGS

Depressariidae:

Antaeotricha albulella, **Beaufort Co.**, Spring Island, 10 Oct 2020, BGS

Antaeotricha humilis, **Beaufort Co.**, Spring Island, 10 Oct 2020, BGS

Erebidae:

Dyspyralis nigellus, **Beaufort Co.**, Spring Island, 10 Oct 2020, BGS

Hormoschista latipalpis, **Beaufort Co.**, Spring Island, 10 Oct 2020, BGS

Gelechiidae:

Anacamptis conclusella, **Beaufort Co.**, Spring Island, 10 Oct 2020, BGS

Aristotelia monilella, **Charleston Co.**, Halfway Creek Rd, 17 May 2020, BGS, **STATE RECORD**

Aroga trialbamaculella, **Chesterfield Co.**, Cheraw State Park, 13 May 2011, BGS, confirmed by dissection

Aroga trialbamaculella, **Richland Co.**, Congaree National Park, 23 Apr 2010, BGS, confirmed by dissection, **STATE RECORD**

Battaristis vittella, **Beaufort Co.**, Spring Island, 10 Oct 2020, BGS

Besciva nov. sp., **Charleston Co.**, Stono Preserve, pond by marsh, 6 Sep 2014, BGS, **STATE RECORD**

Caryocolum pullatella, **Chesterfield Co.**, Camp Juniper, 8 Oct 2010, BGS, confirmed by dissection, **STATE RECORD**

Coleotechnites ca. huntella, **Berkeley Co.**, Halfway Creek Rd, pitcher plant bog, 17 May 2020, BGS

Coleotechnites ca. huntella, **Richland Co.**, Research Learning Center, 30 Sep 2010, TT, **STATE RECORD**

Dichomeris punctipennella, **Berkeley Co.**, Francis Marion NF, FS Rd 6346, 15 Sep 1997, BGS

Dichomeris sylvphe, **Charleston Co.**, Seabrook Island, Camp St. Christopher, 24 Apr 2015, BGS

Filatima hemicrossa, **Berkeley Co.**, Halfway Creek Rd, pitcher plant bog, 17 May 2020, BGS, **STATE RECORD**

Glauce nov. sp., **Richland Co.**, Congaree NP, trail from picnic area to boardwalk, 14 May 2010, CSS, confirmed by dissection, **STATE RECORD**

Gnorimoschema ca. subterraneum, **Berkeley Co.**, Francis Marion NF, 20 Mar 1994, BGS, confirmed by dissection, **STATE RECORD**

Isophrictis similiella, **Berkeley Co.**, Francis Marion NF, Hoover Rd @ power line, 20 Sep 2019, BGS, confirmed by dissection, **STATE RECORD**

Monochroa absconditella, **Berkeley Co.**, Halfway Creek Rd, pitcher plant bog, 17 May 2020, BGS, confirmed by dissection, **STATE RECORD**

Monochroa absconditella, **Charleston Co.**, Halfway Creek Rd, 17 May 2020, BGS, confirmed by dissection

Monochroa angustipennella, **Berkeley Co.**, Halfway Creek Rd, pitcher plant bog, 17 May 2020, BGS, confirmed by dissection, **STATE RECORD**

Monochroa angustipennella, **Charleston Co.**, Halfway Creek Rd, 17 May 2020, BGS, confirmed by dissection

Monochroa quinquepunctella, **Berkeley Co.**, Halfway Creek Rd, pitcher plant bog, 17 May 2020, BGS, confirmed by dissection

Monochroa quinquepunctella, **Charleston Co.**, Halfway Creek Rd, 17 May 2020, BGS, confirmed by dissection

Pseudotelphusa floridana, **Berkeley Co.**, Halfway Creek Rd, pitcher plant bog, 17 May 2020, BGS, confirmed by dissection, **STATE RECORD**

Pseudotelphusa floridana, **Charleston Co.**, Halfway Creek Rd, 17 May 2020, BGS, confirmed by dissection

Scrobipalpula psilella, **Berkeley Co.**, Halfway Creek Rd, pitcher plant bog, 17 May 2020, BGS, confirmed by dissection, **STATE RECORD**

Sinoe chambersi, **Berkeley Co.**, Francis Marion NF, Hoover Rd @ powerline, 23 Aug 2019, BGS

Sinoe chambersi, **Richland Co.**, Congaree NP, Visitor house, 9 Mar 2010, BGS, **STATE RECORD**

Stegasta bosqueella, **Beaufort Co.**, Spring Island, 10 Oct 2020, BGS

Telphusa perspicua, **Beaufort Co.**, Spring Island, 10 Oct 2020, BGS

Telphusa perspicua, **Berkeley Co.**, Halfway Creek Rd, pitcher plant bog, 17 May 2020, BGS, **STATE RECORD**

Telphusa perspicua, **Charleston Co.**, Stono Preserve of College of Charleston, 5 Sep 2015, BGS, confirmed by dissection, **STATE RECORD**

Gracilariidae:

Caloptilia triadicae, **Beaufort Co.**, Spring Island, 10 Oct 2020, BGS

Phyllocnistis citrella, **Charleston Co.**, Charleston, 25 Jul 2020, MS2, multiple specimens reared from leaf mines on planted Citrus, **STATE RECORD**

Lecithoceridae:

Martyringa ravicapitis, **Charleston Co.**, 710 New Market Dr., Mt. Pleasant, 12 May 2004, BGS, **STATE RECORD**

Lycaenidae:

Hemiargus ceraunus, Beaufort Co., Spring Island, 10 Oct 2020, BGS, large population, now a regular migrant

Megalopygidae:

Megalopyge lacyi, **Charleston Co.**, Francis Marion NF, Halfway Creek Rd, 17 May 2020, BGS

Monophidae:

Mompha capella, **Berkeley Co.**, Halfway Creek Rd, pitcher plant bog, 17 May 2020, BGS, **STATE RECORD**

Nymphalidae:

Anthanassa texana, Charleston Co., Francis Marion NF, Ion Swamp Rd, 23 Oct 2020, BGS

Oecophoridae:

Ymeldia janae, **Berkeley Co.**, Halfway Creek Rd, pitcher plant bog, 17 May 2020, BGS, **STATE RECORD**

Pieridae:

Eurema daira, Beaufort Co., Spring Island, 10 Oct 2020, BGS, reproducing population during summer

Pyralidae:

Atascosa glareosella, **Beaufort Co.**, Spring Island, 10 Oct 2020, BGS

Ephestia columbiella, **Beaufort Co.**, Spring Island, 10 Oct 2020, BGS

Erelieva parvulella, **Charleston Co.**, Francis Marion NF, Halfway Creek Rd, 17 May 2020, BGS, confirmed by dissection, **STATE RECORD**

Homosassa ella, **Charleston Co.**, Francis Marion NF, Halfway Creek Rd, 17 May 2020, BGS

Homosassa platella, **Berkeley Co.**, Halfway Creek Rd, pitcher plant bog, 17 May 2020, BGS, confirmed by dissection, **STATE RECORD**

Hypsopygia nov. sp., **Berkeley Co.**, Halfway Creek Rd, pitcher plant bog, 17 May 2020, BGS, **STATE RECORD**

Hypsopygia nov. sp., **Charleston Co.**, Francis Marion NF, Halfway Creek Rd, 17 May 2020, BGS

Laetilia fiskeella, **Beaufort Co.**, Spring Island, 10 Oct 2020, BGS

Macrorrhinia endonephele, **Beaufort Co.**, Spring Island, 10 Oct 2020, BGS

Moodna ostrinella, **Beaufort Co.**, Spring Island, 10 Oct 2020, BGS

Peoria roseotinctella, **Charleston Co.**, Francis Marion NF, Halfway Creek Rd, 17 May 2020, BGS

Phycitodes reliquellum, **Beaufort Co.**, Spring Island, 10 Oct 2020, BGS

Salebriaria pumiella, **Charleston Co.**, Francis Marion NF, Halfway Creek Rd, 17 May 2020, BGS, **STATE RECORD**

Varneria postremella, **Beaufort Co.**, Spring Island, 10 Oct 2020, BGS

Tineidae:

Acrolophus heppneri, **Beaufort Co.**, Spring Island, 10 Oct 2020, BGS

Acrolophus heppneri, **Charleston Co.**, 710 New Market Dr., Mt. Pleasant, 20 Aug 1997, BGS, identity confirmed this summer by dissection

Acrolophus panamae, **Beaufort Co.**, Spring Island, 10 Oct 2020, BGS

Bathroxena heteropalpella, **Beaufort Co.**, Spring Island, 10 Oct 2020, BGS

Diachorsia velatella, **Beaufort Co.**, Spring Island, 10 Oct 2020, BGS

Mea bipunctella, **Beaufort Co.**, Spring Island, 10 Oct 2020, BGS

Tortricidae:

Aethes promptana, **Berkeley Co.**, Halfway Creek Rd, pitcher plant bog, 17 May 2020, BGS

Aethes promptana, **Charleston Co.**, Seabrook Island, Camp St. Christopher, 24 Apr 2015, BGS, **STATE RECORD**

Ancylis comptana, **Beaufort Co.**, Spring Island, 10 Oct 2020, BGS

Archips magnoliana, **Berkeley Co.**, Halfway Creek Rd, pitcher plant bog, 17 May 2020, BGS

Cenopis lamberti, **Beaufort Co.**, Spring Island, 10 Oct 2020, BGS

Cochylis ca. ringsi, **Berkeley Co.**, Halfway Creek Rd, pitcher plant bog, 17 May 2020, BGS

Cydia latiferreana, **Beaufort Co.**, Spring Island, 10 Oct 2020, BGS

Decodes basiplagana, **Beaufort Co.**, Spring Island, 10 Oct 2020, BGS

Dichrorampa broui, **Richland Co.**, Congaree National Park, 7 Sep 2010, BGS, recent ID, **STATE RECORD**

Eucosma grindeliana, **Berkeley Co.**, Halfway Creek Rd, pitcher plant bog, 17 May 2020, BGS, **STATE RECORD**

Eucosma grindeliana, **Charleston Co.**, Halfway Creek Rd, 17 May 2020, BGS

Eugnosta sartana, **Beaufort Co.**, Spring Island, 10 Oct 2020, BGS

Pelochrista robinsonana, **Beaufort Co.**, Spring Island, 10 Oct 2020, BGS

Platynota flavedana, **Beaufort Co.**, Spring Island, 10 Oct 2020, BGS

Sparganothis azulispecca, **Berkeley Co.**, Halfway Creek Rd, pitcher plant bog, 17 May 2020, BGS, **STATE RECORD**

Sparganothis azulispecca, **Charleston Co.**, Halfway Creek Rd, 17 May 2020, BGS

Sparganothis sullivani, **Berkeley Co.**, Halfway Creek Rd, pitcher plant bog, 17 May 2020, BGS

Sparganothis sullivani, **Charleston Co.**, Halfway Creek Rd, 17 May 2020, BGS

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

Coordinator: Mark J. Mello

Contributors: Karl Gardner (KG), Michael L. Israel (MLI), Gerald M. McWilliams (GM), Mark J. Mello (MJM), Michael Sabourin (MS), William H. Taft, Jr. (WTJ), William H. Taft, Jr. & Gary Campbell (T/C), John P. Thompson (JT5),

At least in the Northeast, especially in Massachusetts, it was a cool, wet spring, and butterfly numbers were down compared to recent years. Monarchs had a reasonably good fall migration this year.

RECORDS:

Massachusetts:

Notodontidae:

Schizura concinna, Franklin Co., Monroe, Monroe State Forest, 23 Jul 2020, MJM, UV trap

Pennsylvania:

Crambidae:

Saucrobotys fumoferalis, Erie Co., City of Erie, 6 Aug 2020, GM, on patio

Erebidae:

Ascalapha odorata, Erie Co., Presque Isle State Park, 16-23 Jul 2020, GM, at light

Mocis texana, Erie Co., Presque Isle State Park, 25 Aug-23 Oct 2020, GM, at light and bait

Orgyia leucostigma, Crawford Co., Presque Isle State Park, 16-23 Jul 2020, GM, at light

Gelechiidae:

Gnarimoschema gallaesolidaginis, Erie Co., Presque Isle State Park, 27 Aug 2020, GM, at light

Geometridae:

Synchlora aerata, Berks Co., 4 mi E of Fleetwood, 40.4264N 75.7417W, 17 Aug-6 Sep 2020, KG, larva on *Pycnanthemum muticum* and *Eupatorium perfoliatum* flowers, adults emerged

Limacodidae:

Lithacodes fasciola, Crawford Co., near Saegertown, 23 Jul 2020, GM, at light

Lycaenidae:

Parrhasius m-album, Berks Co., 4 mi E of Fleetwood, 40.4264N 75.7417W, 29-31 Aug 2020, KG

Noctuidae:

Deltote bellicula, Crawford Co., near Saegertown, 23 Jul 2020, GM, at light

Macronoctua onusta, Erie Co., Presque Isle State Park, 24 Jul 2020, GM, at light

Papaipema insulidens, Erie Co., Presque Isle State Park, 1 Sep 2020, GM, at light

Phosphila miselioides, Erie Co., Presque Isle State Park, 20 Aug 2020, GM, at light

Polygrammate hebraicum, Crawford Co., near Saegertown, 23 Jul 2020, GM, at light

Rusicada privata, Erie Co., Presque Isle State Park, 10 Sep 2020, GM, at light

Papilionidae:

Pterourus glaucus, Berks Co., 4 mi E of Fleetwood, 40.4264N 75.7417W, 27 May 2020, KG, from egg laid 4 Aug 2019 on *Prunus persica* (peach)

Pieridae:

Phoebis sennae, Berks Co., Eckville, 40.6331N 75.9499W, 11 Jul 2020, KG

Phoebis sennae, Schuylkill Co., St. Clair, 9 Jul 2020, MLI

Sesiidae:

Synanthedon pini, Lehigh Co., Coopersburg, 29 Jun-4 Jul 2020, T/C

Synanthedon richardsi, Lehigh Co., Coopersburg, 29 Jun-4 Jul 2020, T/C

Synanthedon rubrofascia, Bucks Co., Quakertown, 29 Jun-4 Jul 2020, WTJ

Sphingidae:

Hyles gallii, Erie Co., City of Erie, 6 Sep 2020, GM, on *Buddleia*

Tineidae:

Acrolophus popeanella, Crawford Co., near Saegertown, 23 Jul 2020, GM, at light

Tortricidae:

Olethreutes inornatana, Crawford Co., near Saegertown, 23 Jul 2020, GM, at light

Proteoteras moffatiana, Crawford Co., near Saegertown, 23 Jul 2020, GM, at light

Rhode Island:

Erebidae:

Catocala nebulosa, Washington Co., Watch Hill, Napatree Point Conservation Area, 24 Aug 2020, MJM, at light

Noctuidae:

Abagrotis benjamini, Newport Co., Little Compton, Goosewing Beach Preserve, 14 Jul-24 Sep 2020, MJM, at light

Abagrotis benjamini, Washington Co., Watch Hill, Napatree Point Conservation Area, 19 Jul-24 Sep 2020, MJM, at light

Apamea burgessi, Washington Co., Watch Hill, Napatree Point Conservation Area, 16 Sep 2020, MJM, at light

Apamea lintneri, Newport Co., Little Compton, Goosewing Beach Preserve, 26 Aug-24 Sep 2020, MJM, at light

Apamea lintneri, Washington Co., Watch Hill, Napatree Point Conservation Area, 16-24 Sep 2020, MJM, at light

Dargida rubripennis, Newport Co., Little Compton, Goosewing Beach Preserve, 27 Jul 2020, MJM, at light

Derrima stellata, Washington Co., Watch Hill, Napatree Point Conservation Area, 6 Aug 2020, MJM, at light

Leucania extincta, Newport Co., Little Compton, Goosewing Beach Preserve, 27 Jul 2020, MJM, at light

Leucania extincta, Washington Co., Watch Hill, Napatree Point Conservation Area, 3 Jun-6 Aug 2020, MJM, at light

Photodes inops, Newport Co., Little Compton, Goosewing Beach Preserve, 26 Aug-13 Sep 2020, MJM, at light

Sphingidae:

Xylophanes tersa, Washington Co., Watch Hill, Napatree Point Conservation Area, 6 Aug 2020, MJM, at light

Vermont:

Erebidae:

Hypena minualis, Washington Co., Marshfield, Whitcomb Pl., 44°20'N 72°23'W, 10 Oct 2020, MS, male, at light, 327m

Gelechiidae:

Fascista bimaculella?, Essex Co., Victory, vic. Moose Rr. 44.55N 71.79W, 5 Jun 2020, MS, male, diurnal

Noctuidae:

Autographa californica, Washington Co., Marshfield, Whitcomb Pl., 44°20'N 72°23'W, 23 Aug 2020, MS, female, at light, 327m

Exyra fax, Washington Co., Calais, Cranberry Meadow, 44.42N 72.46W, 7 Jul 2020, MS, female, diurnal

Syngrapha cryptica, Washington Co., Marshfield, Whitcomb Pl., 44°20'N 72°23'W, 5 Jul 2020, MS, female, at light, 327m

Tortricidae:

Acleris effractana, Essex Co., Victory, pipeline, 8 Aug 2020, MS, female, diurnal

Hedya ochroleucana, Washington Co., Marshfield, Whitcomb Pl., 44°20'N 72°23'W, 27 Sep 2020, MS, female, at light, 327m

Zone 11: Mexico & the Caribbean Islands
Coordinator: Isabel Vargas Fernandez

No report for Zone 11.

Season Summary Zone Coordinators

Chief Season Summary Coordinators and Editors

Brian G. Scholtens, Biology Department, College of Charleston, 66 College Street, Charleston SC 29424-0001
(843) 637-6224 scholtensb@cofc.edu

AND

Jeff Phippen, 101 Forest Oaks Dr., Durham, NC 27705 jeffpippen9@gmail.com

Zone 1, The Far North:

**Alaska, Northwest
Territories, Nunavut,
Yukon Territory**

André Langlois
Yukon, Canada (more info
coming)
Andre.Langlois@gov.yk.ca

Zone 2: The Pacific Northwest

**British Columbia, Idaho,
Oregon, Washington**

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

Zone 3, Hawaii and the Southwest:

**Arizona, California,
Hawaii, Nevada**

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

Zone 4, The Rocky Mountains:

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

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

Zone 5, The Great Plains:

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

Michael M. Ellsbury
70855 Highway 8
Fairbury, NE 68352-5565
(402) 805-5456
bugsnrails@gmail.com

Zone 6, Texas:

Texas

Stuart Marcus
146 Lone Oak Lane
Liberty, TX 77575
(936) 336-9786
stuart.marcus13@gmail.com

Zone 7, Ontario and Quebec:

Ontario, Quebec

Kyle Johnson
5842 Wedgewood Drive
Little Suamico, WI 54141-
8613, (920) 639-8390
kejohanson4@wisc.edu

Zone 8, The Midwest:

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

Eric Olson
2970 N Torreys Pead Dr.
Superior, CO 80027
(720) 308-4320
eric@olsonplanet.com

Zone 9, The Southeast:

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

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

Zone 10, The Northeast:

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

Mark J. Mello
c/o Lloyd Center,
430 Potomska Rd
Dartmouth, MA 02748
markmello@lloydcenter.org

Zone 11, Mexico & the Caribbean

Isabel Vargas Fernandez
Museo de Zoologia,
Facultad de Ciencias,
Univ. Nacional Autonoma,
Mexico, Apartado Postal 70-
399, D.F., Mexico 04510
ivf@hp.fcencias.unam.mx

Editor, News of the Lepidopterists' Society

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





Top Row -- left: *Satyrrium acadica*, MN, Beltrami Co., 6 July, 2020, image by Alison Snopek-Barta (pg. 27); upper right: *Limenitis a. arthemis/astyanax* intergrade, MN, St. Louis Co., 6219 E Superior St, 11 July 2020, image by Pat Thomas, (pg. 28); lower right: *Catocala luctuosa*, KS, Johnson Co., Lenexa, 38°58'27"N 94°54'21"W, 10 Aug 2020, likely **State Record**, image by Betsy Betros (pg. 10). **Second Row** -- left: *Calephelis muticum*, KS, Johnson Co., Lenexa, 38°58'27"N 94°54'21"W, 27 Aug 2020, **State Record**, image by Betsy Betros (pg. 10); middle: *Euxoa quebecensis*, MN, Lake of the Woods Co., Zippel Bay State Park, 19 June 2020, **State Record** (pg. 27); right: *Chaetagnela cerata*, MN, Koochiching Co., Big Falls, 15 Sept 2020, **County Record** and 2nd MN site (pg. 27), two images by Kyle E. Johnson. **Bottom Row** -- all Liberty Co, Trinity River NWR, images by Stuart Marcus. Left: *Lipocosma septa*, 22 May 2020, **County Record** (pg. 14); middle: *Hypenodes franclemonti*, 8 Nov 2020, **State Record** (pg. 15); right: *Choristoneura argentifasciata*, 4 Jun 2015 & 6 May 2020, **County Record** (pg. 19).