



NEWS

OF THE

LEPIDOPTERISTS' SOCIETY



2012 Season Summary

Index

NEWS OF THE LEPIDOPTERISTS' SOCIETY

Volume 55, Supplement S1

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Front Cover:

U.S. Record: *Xenosoma flaviceps*, Alamo, Hidalgo Co., TX, Dec. 3, 2012, (photo by Charles Bordelon; see pg. 83).

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

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Season Summary 2012

Zone 1 Far North

Alaska, Yukon, Nunavut, and Northwest Territories

Coordinator: Kenelm W. Philip

Contributors Cited:

ALS : Alaska Lepidoptera Survey
MLL : Michael L. Leski

CSG : Cris S. Guppy
KWP : Kenelm W. Philip

TH2 : Takashi Hino

General Comments:

Note regarding the Alaska Lepidoptera Survey: One unproductive field trip was made to Denali National Park in July--an attempt to get live close-up photos of *Parnassius phoebus*. That species did not show up, despite having flown in July during 4 previous years (1969, 1996-1998).

A North Slope trip (July) was cancelled owing to uncooperative weather. As usual, the Bonanza Creek Experimental Forest, and the Chena Flood Control Project, were checked regularly throughout the summer when weather permitted, and the Steese Highway was occasionally checked. Collecting by ALS volunteers was continued at the mining community at Nyac (near Bethel), and along the Teller Road on the Seward Peninsula (with very uncooperative weather at both sites).

NUNAVUT

NEW SITES: Rankin Inlet (NW Hudson Bay), and Taloyoak (= Spence Bay) on the Boothia Peninsula were collected (TH2).

Butterflies

PIERIDAE

<i>Pontia occidentalis</i>	Hudson Bay, NW coast: Rankin Inlet	16-Jul-12		TH2
<i>Colias hecla</i>	Hudson Bay, NW coast: Rankin Inlet	16-Jul-12		TH2
<i>Colias hecla</i>	Boothia Peninsula: Taloyoak (Spence Bay)	17-Jul-12	22-Jul-12	TH2
<i>Colias hecla</i>	Victoria Island: Cambridge Bay	24-Jul-12	27-Jul-12	TH2
<i>Colias johanseni</i>	Victoria Island: Cambridge Bay	24-Jul-12	27-Jul-12	TH2
<i>Colias nastes</i>	Hudson Bay, NW coast: Rankin Inlet	16-Jul-12		TH2
<i>Colias nastes</i>	Boothia Peninsula: Taloyoak (Spence Bay)	17-Jul-12	21-Jul-12	TH2
<i>Colias nastes</i>	Victoria Island: Cambridge Bay	24-Jul-12	26-Jul-12	TH2
<i>Colias palaeno</i>	Hudson Bay, NW coast: Rankin Inlet	16-Jul-12		TH2
<i>Colias palaeno</i>	Victoria Island: Cambridge Bay	24-Jul-12		TH2
<i>Colias tyche boothii</i>	Hudson Bay, NW coast: Rankin Inlet	16-Jul-12		TH2
<i>Colias tyche boothii</i>	Boothia Peninsula: Taloyoak (Spence Bay)	21-Jul-12	22-Jul-12	TH2
<i>Colias tyche thula</i>	Victoria Island: Cambridge Bay	24-Jul-12		TH2

LYCAENIDAE

<i>Lycaena phlaeas feildeni</i>	BOOTHIA PENINSULA: Taloyoak (Spence Bay)	22-Jul-12		TH2
<i>Plebejus glandon</i>	Boothia Peninsula: Taloyoak (Spence Bay)	21-Jul-12		TH2

NYMPHALIDAE

<i>Erebia fasciata</i>	Hudson Bay, NW coast: Rankin Inlet	16-Jul-12		TH2
<i>Erebia rossii</i>	Hudson Bay, NW coast: Rankin Inlet	16-Jul-12		TH2
<i>Erebia rossii</i>	Boothia Peninsula: Taloyoak (Spence Bay)	22-Jul-12		TH2
<i>Oeneis melissa</i>	Hudson Bay, NW coast: Rankin Inlet	16-Jul-12		TH2
<i>Oeneis polixenes</i>	Hudson Bay, NW coast: Rankin Inlet	16-Jul-12		TH2
<i>Oeneis polixenes</i>	Boothia Peninsula: Taloyoak (Spence Bay)	17-Jul-12	22-Jul-12	TH2
<i>Boloria alaskensis</i>	Hudson Bay, NW coast: Rankin Inlet	16-Jul-12		TH2
<i>Boloria chariclea</i>	Boothia Peninsula: Taloyoak (Spence Bay)	22-Jul-12		TH2
<i>Boloria freija</i>	Boothia Peninsula: Taloyoak (Spence Bay)	19-Jul-12	22-Jul-12	TH2
<i>Boloria improba</i>	Boothia Peninsula: Taloyoak (Spence Bay)	21-Jul-12	22-Jul-12	TH2
<i>Boloria polaris</i>	Hudson Bay, NW coast: Rankin Inlet	16-Jul-12		TH2

YUKON TERRITORY

Weather: As in Alaska, mid-summer was cloudy with precipitation. It was not a great summer for collecting...

NEW SITE RECORDS: Red Admirals were seen in Whitehorse and along the Top of the World Highway.

Butterflies

NYMPHALIDAE

Vanessa atalanta	: Top of the World Highway	24-Jun-12	CSG
Sighted by Syd Cannings			
Vanessa atalanta	: Whitehorse	08-Jul-12 07-Oct-12	CSG

ALASKA

Weather: Late May was somewhat cooler than usual across Interior Alaska. June was warm, with many clear days. July was rather cloudy in the Interior, and a bit cooler than normal. August and September had below normal rainfall. The Dalton Highway north of the Brooks Range had poor weather in July.

As in 2011, many species of butterflies did fairly well in May and June--but mid-summer was very poor for collecting (not only in the Interior). Early fall had better weather--but most species were scarce by then.

RANGE EXTENSIONS: At *Nyac*, *Pheosia* "rimosa" phenotype (may be conspecific with *P. portlandia*), and *Erebia mackinleyensis*.

NEW LOCALITIES: Michael Leski collected at several sites along the Dalton Highway: chiefly two on the Chandalar Shelf, and two south of Coldfoot.

NEW SITE RECORDS: Red Admirals turned up in several localities in June 2012. Four were seen in the Fairbanks area, over 100 in Skagway (CSG), 19 in Juneau, and 3 or 4 in Sitka. *Drepana arcuata* was captured in the Bonanza Creek Experimental Forest--the first record for the Fairbanks area. Previous Red Admiral records were in SE Alaska and Palmer.

ABUNDANT SPECIES: *Nymphalis l-album* (Compton Tortoiseshell) continued at very high levels in the Fairbanks area. *Papilio Canadensis* was so common that many people were commenting about the numbers they saw mud-puddling. *Orgyia antiqua* had a strong flight in the fall, and many caterpillars were seen. Red Admirals were abundant in Skagway and ovipositing on nettles--there may have been adults in late summer, and more in 2013?

EXTENDED FLIGHT: Continuing evidence for *Pontia occidentalis* being double-brooded (if not more) in Fairbanks in at least some summers. In 2012 it flew in the Chena Flood Control Project in very early May, and then through May, June and until mid-July, with fresh specimens present in all three months.

Butterflies

HESPERIIDAE

<i>Erynnis persius</i>	Alaska Range: Parks Hwy 2 mi N of Denali NP	16-Jun-12	MLL
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PAPILIONIDAE

<i>Papilio canadensis</i>	Alaska Range: Parks Hwy 2 mi N of Denali NP	16-Jun-12	MLL
<i>Papilio canadensis</i>	Interior Alaska: N of Yukon R. nr No Name Creek mi. 79 Dalton Hwy	30-Jun-12	MLL
<i>Papilio machaon</i>	Chandalar Shelf: Valley at S end of Atigun Pass	18-Jun-12	MLL
<i>Papilio machaon</i>	Brooks Range: ~4 mi.SE of Galbraith Lake	20-Jun-12 26-Jun-12	MLL

PIERIDAE

<i>Pontia occidentalis</i> Fresh adults May-July	Interior Alaska: Chena Flood Control Project	04-May-12 31-Jul-12	KWP
<i>Pontia occidentalis</i>	Brooks Range: ~4 mi.SE of Galbraith Lake	21-Jun-12	MLL
<i>Pieris angelika</i>	Chandalar Shelf: 1 mi. S of airport, Dalton Hwy	18-Jun-12	MLL
<i>Pieris angelika</i>	Chandalar Shelf: Valley at S end of Atigun Pass	19-Jun-12	MLL
<i>Pieris angelika</i>	Brooks Range: ~4 mi.SE of Galbraith Lake	20-Jun-12 27-Jun-12	MLL
<i>Euchloe creusa</i>	Alaska Range: Parks Hwy 2 mi N of Denali NP	16-Jun-12	MLL
<i>Euchloe creusa</i>	Interior Alaska: N of Yukon R. nr No Name Creek mi. 79 Dalton Hwy	30-Jun-12	MLL
<i>Colias gigantea</i>	Endicott Mountains: ~mi 167 Dalton Hwy, nr Cathedral Mt	28-Jun-12	MLL
<i>Colias gigantea</i>	Interior Alaska: N of Yukon R. nr No Name Creek mi. 79 Dalton Hwy	29-Jun-12 30-Jun-12	MLL
<i>Colias hecla</i>	Brooks Range: ~4 mi.SE of Galbraith Lake	27-Jun-12	MLL
<i>Colias nastes</i>	Chandalar Shelf: Valley at S end of Atigun Pass	19-Jun-12	MLL
<i>Colias nastes</i>	Brooks Range: ~4 mi.SE of Galbraith Lake	20-Jun-12 27-Jun-12	MLL

<i>Colias philodice</i>	Endicott Mountains: ~mi 167 Dalton Hwy, nr Cathedral Mt	28-Jun-12		MLL
<i>Colias philodice</i>	Interior Alaska: N of Yukon R. nr No Name Creek mi. 79 Dalton Hwy	30-Jun-12		MLL
<i>Colias tyche</i>	Brooks Range: ~4 mi.SE of Galbraith Lake	20-Jun-12	27-Jun-12	MLL
LYCAENIDAE				
<i>Lycaena dorcas</i>	Endicott Mountains: ~mi 167 Dalton Hwy, nr Cathedral Mt	28-Jun-12		MLL
<i>Lycaena dorcas</i>	Interior Alaska: N of Yukon R.	30-Jun-12		MLL
<i>Lycaena dorcas</i>	Interior Alaska: N of Yukon R. nr No Name Creek mi. 79 Dalton Hwy	30-Jun-12		MLL
<i>Cupido amyntula</i>	Alaska Range: Parks Hwy 2 mi N of Denali NP	16-Jun-12		MLL
<i>Cupido amyntula</i>	Chandalar Shelf: 1 mi. S of airport, Dalton Hwy	18-Jun-12		MLL
<i>Cupido amyntula</i>	Brooks Range: ~4 mi.SE of Galbraith Lake	26-Jun-12		MLL
<i>Glaucopsyche lygdamus</i>	Brooks Range: ~4 mi.SE of Galbraith Lake	20-Jun-12	21-Jun-12	MLL
<i>Glaucopsyche lygdamus</i>	Endicott Mountains: ~mi 167 Dalton Hwy, nr Cathedral Mt	28-Jun-12		MLL
<i>Plebejus glandon</i>	Chandalar Shelf: Valley at S end of Atigun Pass	19-Jun-12		MLL
<i>Plebejus glandon</i>	Brooks Range: ~6 mi. S of Galbraith Lake	23-Jun-12	24-Jun-12	MLL
<i>Plebejus idas</i>	Brooks Range: ~4 mi.SE of Galbraith Lake	27-Jun-12		MLL
<i>Plebejus idas</i>	Endicott Mountains: ~mi 167 Dalton Hwy, nr Cathedral Mt	28-Jun-12		MLL
<i>Plebejus idas</i>	Interior Alaska: N of Yukon R. nr No Name Creek mi. 79 Dalton Hwy	29-Jun-12		MLL
<i>Plebejus optilete</i>	Endicott Mountains: ~mi 167 Dalton Hwy, nr Cathedral Mt	28-Jun-12		MLL
<i>Plebejus optilete</i>	Interior Alaska: N of Yukon R. nr No Name Creek mi. 79 Dalton Hwy	30-Jun-12		MLL
<i>Plebejus saepiolus</i>	Alaska Range: Parks Hwy 2 mi N of Denali NP	16-Jun-12		MLL
<i>Plebejus saepiolus</i>	Endicott Mountains: ~mi 167 Dalton Hwy, nr Cathedral Mt	28-Jun-12		MLL
<i>Plebejus saepiolus</i>	Interior Alaska: N of Yukon R. nr No Name Creek mi. 79 Dalton Hwy	30-Jun-12		MLL
NYMPHALIDAE				
<i>Erebia disa</i>	Chandalar Shelf: 1 mi. S of airport, Dalton Hwy	18-Jun-12		MLL
<i>Erebia disa</i>	Brooks Range: ~4 mi.SE of Galbraith Lake	20-Jun-12	27-Jun-12	MLL
<i>Erebia fasciata</i>	Chandalar Shelf: Valley at S end of Atigun Pass	18-Jun-12	19-Jun-12	MLL
<i>Erebia fasciata</i>	Brooks Range: ~4 mi.SE of Galbraith Lake	20-Jun-12	23-Jun-12	MLL
<i>Erebia lafontainei</i>	Chandalar Shelf: 1 mi. S of airport, Dalton Hwy	18-Jun-12		MLL
<i>Erebia lafontainei</i>	Brooks Range: ~4 mi.SE of Galbraith Lake	20-Jun-12		MLL
<i>Erebia mackinleyensis</i>	Alaska Range: Parks Hwy 2 mi N of Denali NP	16-Jun-12		MLL
<i>Erebia mackinleyensis</i>	Chandalar Shelf: Valley at S end of Atigun Pass	19-Jun-12		MLL
<i>Erebia mackinleyensis</i>	Brooks Range: ~4 mi.SE of Galbraith Lake	20-Jun-12	23-Jun-12	MLL
<i>Erebia mackinleyensis</i>	SW ALASKA: SW AK, Kuskokwim River, Nyac	21-Jun-12		ALS
<i>Erebia mancinus</i>	Interior Alaska: Bonanza Creek Experimental Forest	28-May-12		KWP
	2 males, first even-year males at this site			
<i>Erebia mancinus</i>	BROOKS RANGE: ~4 mi.SE of Galbraith Lake	20-Jun-12		MLL
<i>Erebia occulta</i>	Chandalar Shelf: 1 mi. S of airport, Dalton Hwy	18-Jun-12		MLL
<i>Erebia occulta</i>	Chandalar Shelf: Valley at S end of Atigun Pass	19-Jun-12		MLL
<i>Erebia occulta</i>	Brooks Range: ~4 mi.SE of Galbraith Lake	20-Jun-12	24-Jun-12	MLL
<i>Erebia rossii</i>	Chandalar Shelf: Valley at S end of Atigun Pass	19-Jun-12		MLL
<i>Erebia rossii</i>	Brooks Range: ~4 mi.SE of Galbraith Lake	20-Jun-12	27-Jun-12	MLL
<i>Erebia youngi</i>	Chandalar Shelf: 1 mi. S of airport, Dalton Hwy	18-Jun-12		MLL
<i>Erebia youngi</i>	Brooks Range: ~4 mi.SE of Galbraith Lake	20-Jun-12	27-Jun-12	MLL
<i>Oeneis alpina</i>	Brooks Range: ~4 mi.SE of Galbraith Lake	20-Jun-12	21-Jun-12	MLL
<i>Oeneis bore</i>	Chandalar Shelf: 1 mi. S of airport, Dalton Hwy	18-Jun-12		MLL
<i>Oeneis jutta</i>	INTERIOR ALASKA: N of Yukon R. nr No Name Creek mi. 79 Dalton	30-Jun-12		MLL
	A rare event: an <i>Oeneis jutta</i> flying in an even-numbered year in Alaska			
<i>Oeneis melissa</i>	Brooks Range: ~6 mi. S of Galbraith Lake	21-Jun-12	24-Jun-12	MLL
<i>Oeneis polixenes</i>	Chandalar Shelf: Valley at S end of Atigun Pass	18-Jun-12	19-Jun-12	MLL
<i>Boloria alaskensis</i>	Brooks Range: ~4 mi.SE of Galbraith Lake	20-Jun-12	27-Jun-12	MLL
<i>Boloria selene</i>	Interior Alaska: Steese Hwy, mile 53.5	21-Jun-12		KWP
<i>Boloria selene</i>	Interior Alaska: Steese Hwy, mile 47.5	21-Jun-12		KWP
<i>Boloria astarte distincta</i>	Brooks Range: ~6 mi. S of Galbraith Lake	23-Jun-12	24-Jun-12	MLL
<i>Boloria chariclea</i>	Interior Alaska: Bonanza Creek Experimental Forest	10-Jun-12		KWP
	1 male, first even-year record at this site			
<i>Boloria chariclea</i>	Brooks Range: ~4 mi.SE of Galbraith Lake	21-Jun-12	27-Jun-12	MLL

<i>Boloria chariclea grandis</i>	Interior Alaska: N of Yukon R. nr No Name Creek mi. 79 Dalton Hwy	29-Jun-12	30-Jun-12	MLL
I doubt that <i>grandis</i> is a ssp of <i>chariclea</i> , but there's no other way to report it				
<i>Boloria eunomia</i>	Brooks Range: ~4 mi. SE of Galbraith Lake	21-Jun-12	27-Jun-12	MLL
<i>Boloria freija</i>	Alaska Range: Parks Hwy 2 mi N of Denali NP	16-Jun-12		MLL
<i>Boloria freija</i>	Chandalar Shelf: 1 mi. S of airport, Dalton Hwy	18-Jun-12		MLL
<i>Boloria freija</i>	Chandalar Shelf: Valley at S end of Atigun Pass	19-Jun-12		MLL
<i>Boloria freija</i>	Brooks Range: ~4 mi. SE of Galbraith Lake	20-Jun-12	27-Jun-12	MLL
<i>Boloria frigga</i>	Alaska Range: Parks Hwy 2 mi N of Denali NP	16-Jun-12		MLL
<i>Boloria frigga</i>	Brooks Range: ~5 mi. S of Galbraith Lake	22-Jun-12	23-Jun-12	MLL
<i>Boloria improba</i>	Chandalar Shelf: Valley at S end of Atigun Pass	18-Jun-12	19-Jun-12	MLL
<i>Boloria improba</i>	Brooks Range: ~4 mi. SE of Galbraith Lake	20-Jun-12	27-Jun-12	MLL
<i>Boloria polaris</i>	Chandalar Shelf: Valley at S end of Atigun Pass	18-Jun-12	19-Jun-12	MLL
<i>Boloria polaris</i>	Brooks Range: ~4 mi. SE of Galbraith Lake	20-Jun-12	23-Jun-12	MLL
<i>Limenitis arthemis</i>	Endicott Mountains: ~mi 167 Dalton Hwy, nr Cathedral Mt	28-Jun-12		MLL
<i>Limenitis arthemis</i>	Interior Alaska: N of Yukon R. nr No Name Creek mi. 79 Dalton Hwy	29-Jun-12		MLL
<i>Vanessa atalanta</i>	INTERIOR ALASKA: Bonanza Creek Experimental Forest	14-Jun-12		KWP
Sight record. 3 more seen in June in Fairbanks area by other people				
<i>Vanessa atalanta</i>	INTERIOR ALASKA: Eagle Summit	21-Jun-12		ALS
1 sighted				
<i>Vanessa atalanta</i>	SE ALASKA: Skagway	23-Jun-12		CSG
Over 100 seen. Oviposition on nettles				
<i>Vanessa atalanta</i>	SE Alaska: Sitka	24-Jun-12		ALS
3 sighted				
<i>Vanessa atalanta</i>	SE Alaska: Juneau	29-Oct-12		ALS
Eclosed fr. chrysalis found 7 October. 18 more sighted in June				
<i>Phyciodes pulchella</i>	Alaska Range: Parks Hwy 2 mi N of Denali NP	16-Jun-12		MLL
<i>Phyciodes pulchella</i>	Endicott Mountains: ~mi 167 Dalton Hwy, nr Cathedral Mt	28-Jun-12		MLL

Moths

CRAMBIDAE

<i>Evergestis funalis</i>	Interior Alaska: Bonanza Creek Experimental Forest	27-Jul-12	28-Jul-12	KWP
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TORTRICIDAE

<i>Epinotia nisella</i>	Interior Alaska: Bonanza Creek Experimental Forest	27-Jul-12	28-Jul-12	KWP
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GEOMETRIDAE

<i>Sicya macularia</i>	Interior Alaska: Bonanza Creek Experimental Forest	27-Jul-12	28-Jul-12	KWP
<i>Eulithis testata</i>	Interior Alaska: Bonanza Creek Experimental Forest	27-Jul-12	28-Jul-12	KWP
<i>Eulithis xyliina</i>	Interior Alaska: Bonanza Creek Experimental Forest	27-Jul-12	28-Jul-12	KWP
<i>Ceratodalia gueneata</i>	Interior Alaska: Bonanza Creek Experimental Forest	27-Jul-12	28-Jul-12	KWP

DREPANIDAE

<i>Drepana arcuata</i>	INTERIOR ALASKA: Bonanza Creek Experimental Forest	27-Jul-12	28-Jul-12	KWP
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NOTODONTIDAE

<i>Pheosia rimosa</i> taxonomy uncertain	SW ALASKA: SW AK, Kuskokwim River, Nyac	01-Aug-12		ALS
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NOCTUIDAE

<i>Syngrapha interrogationis</i>	Interior Alaska: Bonanza Creek Experimental Forest	27-Jul-12	28-Jul-12	KWP
<i>Syngrapha viridisigma</i>	Interior Alaska: Bonanza Creek Experimental Forest	27-Jul-12	28-Jul-12	KWP
<i>Caradrina montana</i>	Interior Alaska: Bonanza Creek Experimental Forest	27-Jul-12	28-Jul-12	KWP
<i>Polia purpurissata</i>	Interior Alaska: Bonanza Creek Experimental Forest	27-Jul-12	28-Jul-12	KWP
<i>Actebia balanitis</i>	Interior Alaska: Bonanza Creek Experimental Forest	27-Jul-12	28-Jul-12	KWP
<i>Eurois astricta</i>	Interior Alaska: Bonanza Creek Experimental Forest	27-Jul-12	28-Jul-12	KWP
<i>Xestia smithii</i>	Interior Alaska: Bonanza Creek Experimental Forest	27-Jul-12	28-Jul-12	KWP

EREBIDAE

Orgyia antiqua Many caterpillars, photos	Interior Alaska: Murphy Dome summit	19-Aug-12	KWP
Scoliopteryx libatrix	Interior Alaska: Bonanza Creek Experimental Forest	27-Jul-12 28-Jul-12	KWP

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

Coordinator: Jon H. Shepard

Contributors Cited:

JB3 : John Baumann

AP : Ann Potter

JHS : Jon H. Shepard

WMY : William Yake

General Comments:

In the Pacific Northwest, weather was the opposite of most of North America. It was extremely cool and wet until past the middle of July. As a consequence flight periods were extremely late. Even at the end of the summer, they were late and did not catch up, as they would do with a "normal" wet June. This greatly impacted migratory species. The variegated fritillary showed up as a STATE record in eastern WA. That species would come in from the east. See discussion of the painted lady below. The monarch was seen in July as usual with a county record for Pend Oreille Co., WA and along the lower Kootenay River in BC. However the Vanessa species were lacking until late August and Sept. Cris Guppy reported a mass flight of *V. cardui* in Whitehorse, YT. He tried to determine the source. After asking many in BC if they had seen any *V. cardui*, it became apparent that none were sighted. It appears that this mass flight was forced north, on the east side of the Rocky Mountains and then west to Whitehorse. Observers are scarce in NE BC, but no painted ladies were reported there. The Shepard's finished the survey of Colville Natl. Forest and helped with a followup survey of the BC Pend Oreille R. John Bauman continued his surveys centered on Spokane Co., WA and the Shepard's began a survey of the moths of Turnbull NWR, Spokane Co., WA. Both the Shepard's and Dana Ross collected in the oak areas of Wasco Co., OR but data on those species is not available at the time the SS was due.

WASHINGTON

Butterflies

HESPERIIDAE

Thorybes pylades Kelly McAllister	Mason: Mason K.,; powerline corridor	28-May-12	JHS
Erynnis pacuvius	SPOKANE: Little Spokane Natural Area, Riverside State Park	28-May-12	JB3
Carterocephalus palaemon	SPOKANE: Little Spokane Natural Area, Riverside State Park	17-May-12	JB3
Carterocephalus palaemon	Spokane: Iller Creek Conservation Area	24-May-12	JB3
Atalopedes campestris	WHITMAN: Rock Lake - SW shore	30-Sep-12	JB3

PIERIDAE

Anthocharis sara flora James Miskelly	San Juan: Lopez Island, S end	02-May-06	JHS
Anthocharis sara flora	San Juan: Friday Harbor, San Juan Island	13-Jun-12	AP

LYCAENIDAE

Callophrys mossii James Miskelly	San Juan: Lopez Island, S end	02-May-06	JHS
Callophrys mossii	Pend Oreille: Horseshoe Lake	12-May-12	JB3
Callophrys polios	Pend Oreille: Horseshoe Lake	12-May-12	JB3
Callophrys polios	SPOKANE: Little Spokane Natural Area, Riverside State Park	28-May-12	JB3
Callophrys polios obscura	Thurston: Bald Hill	01-May-02	AP
Callophrys spinetorum	Spokane: Little Spokane Natural Area, Riverside State Park	17-May-12	JB3
Callophrys spinetorum 5070 ft.	Stevens: Chewelah Mountain, access road	19-May-12	WMY
Cupido comyntas	Spokane: Little Spokane Natural Area, Riverside State Park	28-May-12	JB3
Euphilotes glaucus 5740 ft.	STEVENS: Chewelah Mountain, nr. Summit	19-May-12	WMY

NYMPHALIDAE

Euptoieta claudia STATE	SPOKANE: Canada Island - Riverfront Park	24-Jul-12	JB3
Euptoieta claudia Charles Rogers	BENTON: Benton City, 3mN; Ruppert Rd.	24-Aug-12	JHS
Vanessa atalanta	Spokane: Little Spokane Natural Area, Riverside State Park	18-Apr-12	JB3
Vanessa atalanta	Pend Oreille: Edgewater CG	06-Sep-12	JHS
Vanessa cardui	Pend Oreille: Edgewater CG	06-Sep-12	JHS
Aglais milberti	Jefferson: Hoh R. mouth	06-Oct-12	AP

Moths**PSYCHIDAE**Hyaloscotes pithopoera
2nd. State; 5745 ft.

PEND OREILLE: North Baldy

01-Aug-12

JHS

NOLIDAE

Nola cilicoides

SPOKANE: Turnbull NWR, Hdqs.

14-Jul-12

JHS

Zone 3 Southwest/Hawaii Arizona, California, Nevada, and Hawaii**Coordinator:** Ken Davenport**Contributors Cited:**

VXA : Valeriu Albu	LAA : Larry A. Allen	NA : Noah Arthur
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MB2 : Mike Bearce	RAB : Robert A. Behrstock	BSD : W. Bouton, M. Stangeland & K. Davis
JPB : James P. Brock	HB : Hank Brodtkin	MB1 : Matthew Brown
RB2 : Ray Bruun	KD : Ken Davenport	JD1 : Jim Dreier
JFM : J. Emmel & S. Mattoon	JFE : John F. Emmel	BG : Bill Gendron
JG1 : Josiah Gilbert	BMG : Bruce M. Griffin	AG : Alex Grkovich
KCH : Kenneth C. Hansen	FH : Fred Heath	FHK : Fred Heath & Mary Klinkel
JH3 : John Heyse	DH1 : David Horner	TH1 : Tom Horton
RH : Rich Hoyer	GJ : Gary Jue	GK : Greg Kareofelas
KK : Ken Kertell	MK2 : Mary Klinkel	EL : Elise Larsen
NL : Nick Lethaby	FM : Frank Model	JGP : John G. Pasko
DP2 : David Powell	JBP : Jack B. Prentiss	SR : Stephen Randall
KMR : Kelly M. Richers	AR : Arilene Ripley	KR : Kilian Roever
PSR : Paul & Sandy Russel	RS3 : Rob Santry	KS1 : Kojiro Shiraiwa
PS3 : Pete Spino	TLS : Todd Stout	MV : Marcelline VandeWater
CJV : C. J. Vincent	DW1 : Dennis Walker	MW : Mark Walker

General Comments:

Kelly Richers provided an extensive moth report.

ARIZONA

The year 2012 had a strong chubasco season with good rainfall that led to many unusually good movements of normally uncommon butterflies, notably *Microtia elva* (too many records reported in 2012 to publish here) and *Chlosyne californica* which appeared in several new counties in southeast Arizona for the first time. Many records of rare strays are included in this report and there were two new STATE records and 9 new COUNTY records with a correction for a tenth put in the wrong county in last year's report. Other species had unusually high numbers of individuals found this past season (*Euptoieta hegesia*) while others seem to be establishing themselves as now being residents rather than transients or strays. Kelly Richers compiled the moth report.

Butterflies**HESPERIIDAE**

<i>Polygonus leo</i>	Maricopa: Hassayampa River Preserve, S of Wickenburg	03-Oct-12	TH1
<i>Urbanus dorantes</i>	Pima: Madera Canyon, Proctor Rd., Santa Rita Mts.	04-Dec-12	GJ
<i>Thorybes drusius</i>	PINAL: Peppersauce Canyon, Santa Catalina Mts.	08-Aug-11	BB4
Incorrectly placed in Gila County in 2011 Report			
<i>Thorybes drusius</i>	Pima: Molino Basin Overlook, Santa Catalina Mts.	25-Jul-12	MK2
No previous documentation for this species in the Santa Catalina Mts.			
<i>Erynnis scudderi</i>	Cochise: Huachuca Mts., Carr Canyon Rd., 7150'	04-Aug-12	09-Aug-12 JPB
With KK on later date; rare resident in SE Arizona.			
<i>Amblyscirtes texanae</i>	Santa Cruz: Sonoita Creek Preserve, Blue Heaven Rd.	16-Oct-12	MB1
<i>Amblyscirtes tolteca</i>	Pima: Florida Canyon, Santa Rita Mts.	30-Sep-12	FH
Photo by Cindy Bethard; voucher by Doug Mullins; LATE.			
<i>Lerodea arabus</i>	Pima: Sabino Canyon, Santa Catalina Mts.	02-Feb-12	MK2
EARLY, photo.			
<i>Adopaeoides prittwitzi</i>	Santa Cruz: Below Parker Dam	07-Sep-12	FM
<i>Adopaeoides prittwitzi</i>	Cochise: Below Parker Canyon Lake	03-Oct-12	MB1
<i>Hesperia woodgatei</i>	Yavapai: Black Hills off Interstate 17 (Milepost 285)	20-Sep-12	24-Sep-12 AG
<i>Atrytonopsis edwardsi</i>	YAVAPAI: Ravine off Crown King Rd., 2 mi. south of Cordes	24-Sep-12	AG
<i>Panoquina ocola</i>	YUMA: Mitty Lake WMA	15-Oct-12	KR

PAPILIONIDAE

<i>Battus polydamas</i>	PIMA: Tucson, in yard south of Sabino Canyon	25-Jun-12	JPB
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Papilio zelicaon	Coconino: Saddle Mtn. Wilderness, East Rim View Point	12-Jun-12		BMG
PIERIDAE				
Phoebis agarithe EARLY.	Pima: East Tucson	10-Feb-12		BB4
Eurema boisduvaliana	Pima-Santa Cruz: Madera Canyon, Santa Rita Mts.	22-Apr-12		FH
Eurema दौरा	Santa Cruz: Pena Blanca Lake	21-Aug-12		RH
Eurema दौरा	Santa Cruz: Harshaw Creek, Patagonia Mts.	06-Sep-12	06-Nov-12	KK
Eurema दौरा	Santa Cruz: Harshaw Rd., Patagonia Mts.	04-Nov-12		FH
Pyrisitia lisa	Santa Cruz: Sycamore Canyon	27-Aug-12	01-Nov-12	KK
Pyrisitia lisa	Santa Cruz: Montosa Canyon, Santa Rita Mts.	21-Sep-12		KK
Pyrisitia proterpia	LA PAZ: Cibola	02-Oct-12	03-Oct-12	KR
Pyrisitia proterpia	YUMA: Kofa Mts., Burro Canyon	16-Oct-12		KR
LYCAENIDAE				
Satyrium sylvinus Subspecies itys	Yavapai: Watson Lake Riparian Preserve, Prescott	08-Jun-12		DP2
Callophrys spinetorum Rare at this locality.	Mohave: Hualapai Mts.	12-Jun-12	14-Jun-12	AG
Cupido comyntas	Santa Cruz: Harshaw Creek, Patagonia Mts.	12-Aug-12		MK2
Cupido comyntas Very rare in Pima County	Pima: Catalina State Park	16-Sep-12		MK2
Euphilotes rita Photo by Bill Beck via Fred Heath.	Pima: Charouleau Gap, Santa Catalina Mts.	02-Sep-12		FH
Euphilotes rita Found at high elevation on new host, Eriogonum polycladon.	Pima: Hirabayashi Camp, Santa Catalina Mts.	03-Sep-12	13-Sep-12	FHK
Euphilotes rita Took adults and larvae for genitalic confirmation of ID.	Pima: Hirabayashi Camp, Santa Catalina Mts.	07-Sep-12	03-Oct-12	JPB
RIODINIDAE				
Emesis zela Unusually late flight	Yavapai: Page Springs Fish Hatchery, Cornville	25-Sep-12	26-Sep-12	AG
Emesis zela LATE	Pima: Florida Canyon, Santa Rita Mts.	30-Sep-12		FH
Emesis zela EXTREMELY LATE, collected by Patrick Sullivan.	Cochise: Ramsey Canyon, Huachuca Mts.	20-Dec-12		HB
Apodemia hepburni	Santa Cruz: Sycamore Canyon	23-Oct-12		RBD
NYMPHALIDAE				
Danaus eresimus montezuma	Cochise: Peloncillo Mtns., Cottonwood Canyon	05-Oct-12		KR
Anaea aidea WEST for the state.	Pima: Menager's Lake near Ali Chuch	14-Sep-12		RBD
Anaea aidea Larvae in yard using Croton lasiophylla; emerged October 22nd.	Pima: Tucson, 0.5 mi. below Sabino Canyon in yard	17-Sep-12		JPB
Anaea aidea	Santa Cruz: Sycamore Canyon	07-Oct-12		MB2
Anaea aidea A dozen seen by SEABA field trip group	Santa Cruz: Sycamore Canyon	09-Oct-12		FH
Anaea andria Found in unusually good numbers.	Santa Cruz: San Rafael Grasslands west of Lochiel	06-Sep-12	13-Sep-12	MB1
Gyrocheilus patrobas tritonia EARLY.	Cochise: Huachuca Mts., Miller Canyon	22-Aug-12		RH
Euptoieta hegesia Several photographed in garden	Pima: Tucson, 5494 East Edwin Rd.	25-Jun-12		CJV
Euptoieta hegesia Common.	Santa Cruz: Sycamore Canyon	07-Oct-12		MB2
Euptoieta hegesia Several; rarely found in numbers.	Santa Cruz: California Gulch	09-Oct-12		JPB
Euptoieta hegesia Thirty-nine seen, rarely seen in numbers in the state.	Santa Cruz: Sycamore Canyon	23-Oct-12		RBD
Euptoieta hegesia Doug Mullins & Dave Marsden	Santa Cruz: Sycamore Canyon	26-Oct-12		FH
Euptoieta hegesia	Santa Cruz: Harshaw Rd., Patagonia Mts.	04-Nov-12		FH
Speyeria coronis Very similar looking to Speyeria carolae.	Coconino: Nail Point, Kaibab Plateau	19-Jun-12		KR
Mestra amymone	Santa Cruz: Hereford, Huachuca Mts.	12-Jan-12		RAB
Mestra amymone	Santa Cruz: California Gulch	24-Oct-12		TH1
Mestra amymone Collected by David Marsden.	Santa Cruz: Sycamore Canyon	26-Oct-12		FH

Asterocampa celtis EARLY, photo.	Pima: Box Canyon, Santa Rita Mts.	24-Apr-12		MK2
Asterocampa celtis Very rare in this mountain range	Mohave: Hualapai Mts. near milepost 8	12-Jun-12	14-Jun-12	AG
Asterocampa leilia EARLY.	Pima: Pima Cyn. Trail, Santa Catalina Mts.	05-Jan-12		KK
Polygonia interrogationis Recent records suggest this species is now resident here.	Santa Cruz: Sycamore Canyon	23-Oct-12		RBD
Anartia jatrophae COUNTY and STATE. Photo of individual in good condition.	PIMA: Arivaca Cienega	06-Oct-12		MB2
Chlosyne acastus neumoegei Unusual fall flight.	Yuma: Kofa Mts., Burro Canyon	16-Oct-12		KR
Chlosyne acastus sabina EARLY	Mohave: Burro Creek	10-Feb-12	11-Feb-12	TH1
Chlosyne californica Very unusual movement into southeastern Arizona.	Pima: Tucson, 0.5 mi. south of Sabino Canyon	18-Sep-12	02-Oct-12	JBP
Chlosyne californica	SANTA CRUZ: Montosa Canyon, Santa Rita Mts.	30-Sep-12		KK
Chlosyne californica	Pima: Box Canyon, Santa Rita Mts.	30-Sep-12		MV
Chlosyne californica	Pima: Madera Canyon, Santa Rita Mts.	30-Sep-12		GJ
Chlosyne californica	Pima: Florida Canyon, Santa Rita Mts.	30-Sep-12		MK2
Chlosyne californica	COCHISE: Dragoon Mts., small stream in Slavin Wash	01-Oct-12		AR
Chlosyne californica Photo by Marty Horowitz.	Pima: Mouth of Ventana Canyon in yard	02-Oct-12		FH
Chlosyne californica	Pima: Ventana Canyon, Santa Catalina Mts.	02-Oct-12		JPB
Chlosyne californica Photo, Diane Touret.	Pima: Catalina State Park	03-Oct-12		KD
Chlosyne californica Two individuals, second COUNTY record..	Santa Cruz: Sycamore Canyon	01-Nov-12		KK
Chlosyne cyneas Continues to be maintaining recent range extension north.	Pima: Molino Basin, Santa Catalina Mts.	13-Mar-12		FHK
Chlosyne cyneas Three individuals observed hilltopping on the two dates.	Pima: Hilltop above Molino Basin	23-Mar-12	25-Mar-12	KK
Chlosyne eumeda STATE record, second USA record.	SANTA CRUZ: Sycamore Canyon	23-Oct-12		RBD
Chlosyne fulvia coronado EARLY	Pinal: Peppersauce Cyn., S. Catalina Mts.	13-Mar-12		KK
Chlosyne theona thekla EARLY	Pinal: Peppersauce Cyn., S. Catalina Mts.	13-Mar-12		KK
Dymasia dymas chara	Yavapai: Agua Fria-Badger Springs Trail off Interstate 17	24-Sep-12		AG
Texola elada perse There is strong evidence perse is a species, not a subspecies of T. elada.	Yavapai: Agua Fria-Badger Springs Trail off Interstate 17	24-Sep-12		AG

Moths

SATURNIIDAE

Citheronia splendens sinaloensis Larvae on Manzanita	Cochise: Miller Cyn, Huachuca Mts	02-Sep-12		BMG
Sphingicampa hubbardi Adult at blacklight EARLY	Pima: Box Cyn Rd, 3 mi W Hwy 83	04-May-12		BMG
Sphingicampa hubbardi Larvae on Cercidium microphyllum and others	Pima: Tucson Mtn Park	05-Oct-12		BMG
Sphingicampa hubbardi Larvae on Mesquite	Pima: Tucson	05-Oct-12		BMG
Sphingicampa montana Larvae on Mimosa dysocarpa	Pima: Santa Rita Mts, Proctor Rd	29-Aug-12		BMG
Sphingicampa montana Larvae on Mimosa dysocarpa	Santa Cruz: California Gulch	29-Aug-12		BMG
Sphingicampa montana Larvae on Acacia angustissima	Cochise: S side Huachuca Mts, vic Sunnyside Cyn jct	15-Sep-12		BMG
Sphingicampa raspa Larvae on Acacia angustissima	Cochise: S side Huachuca Mts, vic Sunnyside Cyn jct	15-Sep-12		BMG
Hemileuca electra clio Larvae on Eriogonum fasciculatum	Maricopa: Off Hwy 88, 10 mi N of Hwy 60 Jct	14-Mar-12		BMG
Hemileuca electra mojavensis Larvae on Eriogonum fasciculatum	Mohave: Black Mts, Sitgreaves Pass	16-Apr-12		BMG

Hemileuca hera magna	Apache: Off Hwy 180, 6.5-7.8 mi N Jct 180/180A	29-Jul-12		BMG
Larvae on Artemisia filifolia				
Hemileuca hualapai	Pima: Off Hwy 83, approx 15 mi S of I-10m Jct	03-Sep-12		BMG
Larvae on grasses				
Hemileuca hualapai	Cochise: S side Huachuca Mts, vic Sunnyside Cyn jct	15-Sep-12		BMG
Larvae on grasses				
Hemileuca juno	Pima: Box Cyn Rd, 0.5 mi E jct Madera Cyn Rd	10-May-12	11-May-12	BMG
Last instar larvae on Mesquite				
Hemileuca stonei	Santa Cruz: Off Hwy 83, 19.5 mi SE Sonoita	29-Apr-12	04-May-12	BMG
Larvae on Mexican Blue Oak (Quercus oblongifolia)				
Hemileuca tricolor	Pima: Off Pistoh Hill Rd, 2 mi N of Colossal Cave area	29-Sep-12	04-Nov-12	BMG
Larvae on Cercidium microphyllum and others				
Automeris patagoniensis	Pima: Santa Rita Mts, Proctor Rd	14-Jul-12	18-Jul-12	BMG
2 males at blacklight				
Agapema anona	Pima: S. of Ajo, Loop Dr 1.7 mi W. of Darby Wells Rd	25-Feb-12	27-Feb-12	BMG
larvae on ConDALIA warnockii var kearneyana				
Agapema anona	Santa Cruz: California Gulch	29-Aug-12		BMG
Last instar larvae on ConDALIA correllii				
Agapema homogena	Pima: Santa Rita Mts, Bear Cyn Picnic area	09-Aug-12		BMG
Larvae on Frangula californica				
Rothschildia cincta	Santa Cruz: California Gulch	05-Feb-12		BMG
Cocoons on Dodonea viscosa				
Rothschildia cincta	Santa Cruz: California Gulch	29-Aug-12		BMG
Larvae on Dodonea viscosa				
Hyalophora columbia gloveri	Cochise: Miller Cyn, Huachuca Mts	02-Sep-12		BMG
Larva on Manzanita				

SPHINGIDAE

Manduca florestan	Pima: Santa Rita Mts, Box Cyn	09-Sep-12		BMG
Larva on Garrya wrightii				
Manduca occulta	Santa Cruz: Off Harshaow Cr Rd, 7.4 mi SE Patagonia	27-Jul-12		BMG
at blacklight				
Sphinx asellus	Pima: Molino Basin, Santa Catalina Mts	23-Apr-12		BMG
1 ovum produced larva, on Arctostaphylos pungens				
Sphinx vashti	Coconino: Saddle Mtn Wilderness, 2 mi N of E Rim View Pt	13-Jun-12		BMG
Adults at blacklight				
Hemaris diffinis	Coconino: Saddle Mtn Wilderness, E Rim View Pt	13-Jun-12		BMG
Larvae on Symphoricarpos				

NOCTUIDAE

Alypiodes geronimo	Pima: 0.5 mi S Sabino Cyn, Santa Catalina Mts	18-Sep-12	25-Sep-12	JPB
oviposition on Vigueira stenoloba also in Oct				

CALIFORNIA

2012 saw a very dry year in the southern half of the state with very few records reported from the deserts, though there were some unusual fall records of species crossing the arid deserts from Arizona turning up in the southern Sierra Nevada, San Diego County and the Coast Ranges. Still, there were a significant number of good finds though new COUNTY records were few, three new species and one new subspecies and three new species records 2012 saw a very dry year in the southern half of the state with very few records reported from the deserts, though there were some unusual fall records of species crossing the arid deserts from Arizona turning up in the southern Sierra Nevada, San Diego County and the Coast Ranges. Still, there were a significant number of good finds though new COUNTY records were few. Three new species (one was confirmatory) and one new subspecies were recorded.

Butterflies

HESPERIIDAE

Epargyreus clarus californicus	Riverside: Mid-elevations of Santa Rosa Mountain	19-May-12		MW
Common, seen with Pete Spino.				
Epargyreus clarus californicus	Santa Barbara: Big Pine Mountain	16-Jun-12	17-Jun-12	NL
Photo by Peter Gaede				
Thorybes mexicanus nevada	Tulare: Rocky outcrop west of Sherman Pass, 9100'	22-May-12		KD
Several, EARLY for state.				
Heliopetes ericetorum	Santa Clara: Rancho San Antonio Open Space Preserve	03-Oct-08		DB1
Heliopetes ericetorum	Santa Clara: Sunnyvale	06-May-11		DB1
Heliopetes ericetorum	Santa Clara: Rancho San Antonio Open Space Preserve	26-Aug-11		DB1
Poorly documented in this county				
Lerodea eufala	San Luis Obispo: Cuyama Valley, Foothill Rd. near Jct. with Hwy. 33	20-Sep-12		KD
Very common in alfalfa field				
Hesperia lindseyi	Shasta: Cline Gulch, 15 mi. NW of Redding	09-Jun-12		RB2
Found with Rob Santry and Dennis Holmes.				
Polites themistocles turneri	Shasta: Meadow at Jct. of Pondosa Rd. & Hwy. 89	17-Jun-12		RB2
Found with Dennis Holmes.				

<i>Ochlodes sylvanoides omnigena</i>	Inyo: Big Pine Creek Rd., 7600', west of Big Pine	11-Sep-12	JFM
Accompanied by Chuck Hageman.			
PAPILIONIDAE			
<i>Battus philenor</i>	San Diego: San Diego near west end Point Loma	27-Aug-12	PS3
<i>Papilio cresphontes</i>	Kern: 5 mi. N of Laval Rd., I. 5, San Joaquin Valley	18-Jun-12	JFE
Fairly certain of ID, no actual collected individuals to confirm identifications in county.			
<i>Papilio eurymedon</i>	Orange: Trabuco Canyon	13-Jan-12	KD
EARLY, observed by Kevin Lentz			
<i>Parnassius behrii</i>	Fresno: Ridge just west of Goddard Canyon, Kings Canyon NP	20-Aug-72	SR
<i>Parnassius behrii</i>	Fresno: Cliff below Pass W of Goddard Canyon	21-Aug-72	SR
<i>Parnassius behrii</i>	Tulare: John Muir Trail, Kings Canyon NP	02-Jul-12	EL
Photo.			
<i>Parnassius behrii</i>	Tulare: John Muir Trail, 11,850' and 12,300', Sequoia NP	03-Jul-12	EL
Photo.			
<i>Parnassius behrii</i>	Mono: West side above Saddlebag Lake	22-Jul-12	NA
PIERIDAE			
<i>Colias behrii</i>	Fresno: Cliff below Pass, W of Goddard Cyn., 11,500'	21-Aug-72	SR
<i>Colias behrii</i>	Fresno: Above Valor Lake at base of Mt. Reinstein, 11,400'	22-Aug-72	SR
<i>Colias behrii</i>	Fresno: Wanda Lake, east of Mt. Goddard, 11,500'	24-Aug-72	SR
<i>Colias behrii</i>	Tuolumne: Gaylor Lakes, Yosemite NP	01-Sep-11	02-Sep-11 DB1
<i>Colias behrii</i>	Mono: Subalpine Meadow mid-way to Saddlebag Lake	26-Jun-12	27-Jun-12 KD
EARLY			
<i>Colias behrii</i>	Tulare: Pacific Crest Trail, Bighorn Plateau and vicinity	03-Jul-12	EL
Photos, Elise Larsen.			
<i>Phoebis agarithe fisheri</i>	Riverside: Palm Desert	25-Jun-12	DW1
Several observed			
<i>Abaeis nicippe</i>	Tulare: N. of Salmon Falls turnoff along Mtn Rd. 99	02-Oct-12	KD
Very rare in Tulare County.			
<i>Abaeis nicippe</i>	Tulare: East of Kern River on Sherman Pass Rd., 5400'	02-Oct-12	KD
First record west of Sherman Pass			
<i>Abaeis nicippe</i>	Kern: Weldon, Jct. Hwy. 178 and Kelso Valley Rd.	30-Oct-12	20-Nov-12 KD
Very rare in the Kern River Valley			
<i>Nathalis iole</i>	Kern: Weldon, Jct. Hwy. 178 and Kelso Valley Rd.	06-Nov-12	KD
Very rare in the Kern River Valley			
LYCAENIDAE			
<i>Lycaena cupreus lapidicola</i>	Fresno: Pacific Crest Trail 11,000', Kings Canyon NP	02-Jul-12	EL
Photo.			
<i>Lycaena cupreus lapidicola</i>	Tulare: Pacific Crest Trail, Bighorn Plateau and vicinity	04-Jul-12	EL
Photo.			
<i>Lycaena phlaeas</i>	Mono: West side above Saddlebag Lake	22-Jul-12	NA
<i>Satyrium behrii</i>	Inyo: Pine Creek Canyon near Rovana	06-May-12	KD
EARLY			
<i>Satyrium saepium chalcis</i>	Santa Clara: Rancho San Antonio Open Space Preserve	27-Sep-11	DB1
LATE.			
<i>Callophrys dumetorum</i>	Del Norte: Mill Creek Purchase, Redwood National/State Park	20-Jun-12	KCH
Larvae found on <i>Lotus aboriginus</i> , not on lupine. Error in 2011 Summary.			
<i>Callophrys gryneus nelsoni</i>	Tulare: Big Meadow Creek, Sherman Pass Rd. 5800'	22-May-12	KD
Evidence of recovery, there is also evidence <i>nelsoni</i> is a full species.			
<i>Callophrys gryneus nelsoni</i>	Tulare: Cherry Hill Rd. at Alder Creek, 5680'	22-May-12	KD
Evidence of recolonization following catastrophic 2002 forest fire.			
<i>Callophrys mossii doudoroffi</i>	San Luis Obispo: Cerro Alto Canyon Trail above campground	18-Apr-12	BSD
Five individuals encountered.			
<i>Callophrys mossii hidakupa</i>	Los Angeles: Glendora Ridge Rd., San Gabriel Mts.	21-Apr-12	BG
EARLY.			
<i>Callophrys sheridanii</i>	San Francisco: Grand View Terrace, Sunset District, San Francisco	28-Jan-12	KD
Early, photo by Liam O'Brien.			
<i>Callophrys sheridanii interrupta</i>	MONO: Benton Range, upper Red Rock Canyon, 6200-6300'	21-Apr-12	JFE
Accompanied by Phyllis Emmel.			
<i>Callophrys sheridanii pseudodumetorum</i>	San Luis Obispo: McGinnis Creek below Navajo Camp	07-Apr-12	KD
Known as <i>Callophrys dumetorum</i> 1998 to mid 2012.			
<i>Callophrys spinetorum</i>	San Diego: Laguna Meadows	09-May-12	FM
Photo.			
<i>Hemiargus ceraunus gyas</i>	SAN LUIS OBISPO: 6 mi. east of Paso Robles	10-Oct-12	JG1
<i>Philotiella speciosa</i>	Mono: Benton Range, upper Red Rock Canyon, 6200-6300'	21-Apr-12	JFE
With Phyllis Emmel. The only record of this species reported for the state in 2012.			

Euphilotes battoides Photo.	Fresno: Pacific Crest Trail, 10,500, Kings Canyon NP	02-Jul-12	EL
Euphilotes glaucon comstocki EARLY	Tulare: West of Sherman Pass in ravine, 7900'	12-Jun-12	KD
Glaucopsyche lygdamus Not ssp. Australis as published, appears similar to Sierra Nevada populations	Kern: Caliente Canyon 7 mi. E of Caliente	08-Apr-12	KD
Plebejus emigdionis Photo; slight range extension northward.	Inyo: W of Lone Pine, Jct. Whitney Portal & Movie Rds.	06-May-12	RS3
Plebejus glandon kelsoni Photo, Dennis Holmes. EARLY. Described as Agriades cassiope kelsoni.	Siskiyou: Trinity Alps, Caribou Lake	20-Jul-12	KD
Plebejus lupini alpicola Photo.	Tulare: Bighorn Plateau, Pacific Crest Trail, 11,400'	04-Jul-12	EL
RIODINIDAE			
Calephelis nemesis dammersi	San Diego: Bernardo Bay area of Lake Hodges	20-Apr-12	PS3
Calephelis nemesis dammersi	San Diego: Mission Trails	11-Jun-12	AG
Calephelis nemesis dammersi Rare in this region.	Ventura: North of Ojai, trailhead Cozy Dell Trail, Hwy. 33	18-Aug-12	DH1
Calephelis nemesis dammersi Photo by Marc Kummel. Few records for this region.	Santa Barbara: San Marcos Pass	08-Sep-12	NL
Apodemia mormo This is the California Coast Ranges segregate, highly localized.	Fresno: Diablo Range, Coalinga Mineral Springs Park	07-Sep-12	KD
Apodemia mormo cythera With Sterling Mattoon and Chuck Hageman.	Inyo: Big Pine Creek, 7600', west of Big Pine	11-Sep-12	JFE
Apodemia virgulti This single brooded population seems allied with a Sierra Madre Range segregate.	Kern: Frazier Park in Canyon above Mt. Pinos Way	22-Apr-12	12-May-12 KD
NYMPHALIDAE			
Libytheana carinenta streckeri Very rare in state and the southern Sierra Nevada.	Kern: Weldon, Jct. Hwy. 178 and Kelso Valley Rd.	06-Nov-12	KD
Danaus gilippus thersippus First capture record for the County.	San Luis Obispo: 6 mi. east of Paso Robles	29-Oct-10	JG1
Danaus gilippus thersippus Larvae on yard milkweeds; photos by Colleen McCarthy-Evans.	Santa Barbara: Santa Barbara; 4094 Lindito Lane	20-Nov-12	22-Nov-12 KD
Danaus plexippus Individual tagged in Gardnerville, Douglas Co., NV, recovered by John Dayton.	Santa Cruz: Santa Cruz	15-Dec-12	KD
Oeneis chryxus ivalda	Fresno: Cliff below Pass, Goddard Canyon, 11,500'	21-Aug-72	SR
Agraulis vanillae incarnata Most seen in July and August.	Tulare: Visalia	15-Jun-12	19-Nov-12 SR
Agraulis vanillae incarnata Photo by Mrs. Stephen Randall.	Fresno: Roeding Park Zoo	26-Oct-12	SR
Euptoieta claudia A worn individual was collected by Art Douglas	Mono: Lower Rock Crk. Rd. below Sherwin Summit	27-Jul-73	KD
Euptoieta claudia Seen by Bob Allen in western Riverside County!	Riverside: Temecula, Murrieta Crk.	11-Aug-12	KD
Euptoieta claudia Seen by Steve Moore.	San Diego: Tijuana Slough NWR	12-Aug-12	KD
Euptoieta claudia Female collected in relatively good condition.	SANTA BARBARA: Santa Barbara Cyn., Sierra Madre Range	20-Sep-12	KD
Speyeria adiaeste accompanied by David Rawlinson & Ken Wilson	Santa Clara: Upper Stevens Creek County Park	03-Aug-12	06-Aug-12 DB1
Speyeria adiaeste accompanied by David Rawlinson & Ken Wilson	San Mateo: Long Ridge along Peters Creek Trail	03-Aug-12	06-Aug-12 DB1
Adelpha californica Second Mono County record and on the east side of the Sierran Divide!	Mono: Warren Creek, 9000' off Tioga Pass Rd.	26-Jun-12	KD
Polygonia satyrus Confirmatory records, rarely seen in Sherman Pass region.	Tulare: Cherry Hill Rd. at Alder Creek, 5680'	22-May-12	01-Jul-12 KD
Polygonia satyrus Photo.	Tulare: Timberline Lake, 11,100' Sequoia NP	03-Jul-12	EL
Chlosyne californica	San Diego: Poway (in Walter Andersen's Nursery)	14-Oct-12	KS1
Chlosyne gabbii Reported in 2006 Season Summary as Chlosyne palla.	KERN: Mil Potrero Rd. near base of Mt. Pinos	28-Jun-06	KD
Chlosyne gabbii These 2 individuals were earlier reported as Chlosyne palla, with which they were flying.	Kern: Frazier Park	07-Jun-07	12-Jun-07 KD
Chlosyne gabbii Worn, sympatric with the more common Chlosyne palla	Kern: Frazier Park, Cuddy Creek	20-Jun-12	KD
Chlosyne leanira Ray Bruun & Dennis Holmes, photo,	Shasta: American Mine Rd. off Cline Gulch Rd.	09-Jun-12	RB2
Chlosyne leanira wrighti First records off Sherman Pass since major 2002 forest fire.	Tulare: Hilltop Sherman Pass Rd., 4200'	29-May-12	KD

Chlosyne palla	Kern: Frazier Park-Cuddy Creek	02-Jun-12	20-Jun-12	KD
Population shows gene flow with Chlosyne gabbii and possibly ssp. Eremita.				
Chlosyne palla eremita	Contra Costa: Mitchell Canyon, Mt. Diablo	08-Jul-12		JH3
LATE; photo.				
Phyciodes orseis herlani	Mono: Saddlebag Lake Rd swales below Gardisky Trailhead	26-Jun-12	27-Jun-12	KD
Not common, four individuals encountered.				
Euphydryas chalcedona olancha	Inyo: Big Pine Creek, 7600', west of Big Pine	21-Apr-12		JFE
EARLY for E slope of the Sierra Nevada-Great Basin segregate. Accompanied by Phyllis Emmel.				
Euphydryas editha nubigena	Tulare: Bighorn Plateau, Pacific Crest Tr. Sequoia NP	04-Jul-12		EL
Photo.				
Euphydryas editha nubigena	Tulare: Guitar Lake, 11,500', Sequoia NP	05-Jul-12		EL
Photo.				
Moths				
NEPTICULIDAE				
Stigmella diffasciae	MADERA: O'Neals, 1500'	07-Apr-12		VXA
at mv light				
Microcalyptris lotella	MADERA: O'Neals, 1500'	18-Jun-12		VXA
at mv light				
TISCHERIIDAE				
Tischeria ceanothi	MADERA: O'Neals, 1500'	15-May-12		VXA
from mine on Ceanothis leaf				
Tischeria mediotriata	VENTURA: Lockwood Valley Rd, Los Padres NF, 5000'	15-May-12		VXA
ex larva on oak leaf mine				
Tischeria mediotriata	MADERA: O'Neals, 1500'	30-Jun-12		VXA
at mv light				
TINEIDAE				
Homosetia marginimaculella	FRESNO: Huntington L, Tamarack Lodge, 7500'	18-Aug-12		VXA
at mv light				
SCHRECKENSTEINIIDAE				
Schreckensternia felicella	FRESNO: Potter Pass, Kaiser Wilderness, 9000'	30-Sep-12		VXA
diurnal on rabbit brush				
GRACILLARIIDAE				
Caloptilia ferruginella	MADERA: O'Neals, 1500'	03-Mar-12		VXA
at mv light				
OECOPHORIDAE				
Borkhausenia nefrax	CALAVERAS: Valley Springs	09-Oct-12		LAA
GELECHIIDAE				
Pseudochelaria manzanitae	FRESNO: Huntington L, China Peak Resort, 7500'	07-Jul-12		VXA
at uv trap				
Lita princeps	VENTURA: Mt Pinos, Seymour Cr Rd, 7335'	15-Sep-12		KMR
at uv trap				
Gelechia bianulella	MADERA: O'Neals, 1500'	03-Mar-12		VXA
at mv light				
Aroga paraplutella	FRESNO: Huntington L, China Peak Resort, 7500'	07-Jul-12		VXA
at uv trap				
Aroga unifasciella	FRESNO: Huntington L, China Peak Resort, 7500'	07-Jul-12		VXA
at uv trap				
BLASTOASIDAE				
Symmoca signatella	SAN LUIS OBISPO: 7.2 mi E Morro Bay, Rt 41, 965'	30-Jun-12		KMR
at uv trap				
Holcocera iceryaeella	MADERA: O'Neals, 1500'	30-Jun-12		VXA
at mv light				
ALUCITIDAE				
Alucita montana	FRESNO: Potter Pass Trail, 7500'	15-Jun-12		VXA
in daylight				
PLUTELLIDAE				
Ypsolopha dentiferella	FRESNO: Corbett L Trail, Mono Hot Springs, 7500'	28-Aug-12		VXA
flushed from vegetation				
CRAMBIDAE				
Diathrausta harlequinialis	SANTA BARBARA: 3770 Foothill Rd, Santa Barbara, 700'	19-Oct-12		PSR
STATE record				
Eudonia expallidalis	FRESNO: Kaiser Peak, 10,300'	07-Jul-12		VXA
flushed from vegetatin				
Glyphodes onychinalis	SANTA BARBARA: 3770 Foothill Rd, Santa Barbara, 700'	08-May-12		PSR
Thaumatopsis repanda	FRESNO: Huntington L, China Peak Resort, 7500'	07-Jul-12		VXA
at uv trap				

PYRALIDAE

<i>Alpheias transferrens</i> at mv light	MADERA: O'Neals, 1500'	07-Sep-12	VXA
<i>Dioryctria zimmermani</i> at uv trap	FRESNO: Huntington Lake, 7500'	07-Jul-12	VXA

PTEROPHORIDAE

<i>Capperia ningoris</i>	CALAVERAS: 10 mi NE West Point	28-Jun-12	LAA
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TORTRICIDAE

<i>Phaneta pallidarcis</i> flushed from vegetation	VENTURA: Lockwood Valley Rd, Los Padres NF, 5000'	15-May-12	VXA
<i>Epinotia terracoctana</i> at uv trap	FRESNO: Huntington L, China Peak Resort, 7500'	07-Jul-12	VXA
<i>Dichrorampha simulana</i> flushed from vegetation	FRESNO: Sample Mdw Trail, Kaiser Wilderness	14-Jul-12	VXA
<i>Argyrotaenia graceana</i> at uv trap	VENTURA: Mt Pinos, Seymour Cr Rd, 7225'	18-Aug-12	KMR
<i>Hilarographa regalis</i> at uv trap	KERN: Mt Pinos, FR9N15, 6200'	12-Aug-12	KMR

GEOMETRIDAE

<i>Macaria adonis</i> at uv trap	FRESNO: Huntington L, China Peak Resort, 7500'	07-Jul-12	VXA
<i>Speranza saphenata</i> at uv trap	SAN LUIS OBISPO: 7.2 mi E Morro Bay, 965'	25-Aug-12	KMR
<i>Digrammia cinereola</i> at mv light	FRESNO: Huntington Lake, 7500'	07-Jul-12	VXA
<i>Hulstina tanyraeros</i> at uv trap	KERN: Mt Pinos Hwy, 6600'	12-Jul-12	KMR
<i>Pherne placeraria</i> diurnal, flushed	FRESNO: Kaiser Peak, 9000'	07-Jul-12	VXA
<i>Dysstroma citrata</i> at mv light	FRESNO: Huntington L, Tamarack Lodge, 7500'	18-Aug-12	VXA
<i>Dysstroma suspectata mackieata</i> at uv trap	FRESNO: Huntington L, China Peak Resort, 7500'	07-Jul-12	VXA
<i>Eupithecia agnesata</i> at mv light	FRESNO: Huntington Lake, 7500'	06-Jul-12	VXA
<i>Eupithecia graefii</i> at uv trap	FRESNO: Huntington L, China Peak Resort, 7500'	07-Jul-12	VXA
<i>Prorella opinata</i> at uv trap	SAN LUIS OBISPO: Montana de Oro SP	25-Aug-12	KMR
<i>Lobophora magnoliatoidata</i> flushed from vegetation	FRESNO: Sample Mdw Trail, Kaiser Wilderness	18-Aug-12	VXA

NOCTUIDAE

<i>Pseudoplusia includens</i>	YOLO: Davis	03-Oct-12	GK
<i>Syngrapha celsa</i> at mv light	FRESNO: Huntington L, Tamarack Lodge, 7500'	18-Aug-12	VXA
<i>Syngrapha orophila</i> at mv light	FRESNO: Huntington Lake, 7500'	06-Jul-12	VXA
<i>Tarachidia candefacta</i> at uv trap	KERN: Gun Club Rd at Poso Cr, 228'	31-Mar-12	KMR
<i>Cucullia dorsalis</i> at u.v. trap	SAN LUIS OBISPO: Montana de Oro SP, Los Osos, 310'	14-Jul-12	KMR
<i>Cucullia florea</i> at mv light	FRESNO: Huntington Lake, 7500'	07-Jul-12	VXA
<i>Sympistis singularis</i> at uv trap	FRESNO: Huntington L, China Peak Resort, 7500'	07-Jul-12	VXA
<i>Sympistis youngi</i> at u.v. trap	KERN: Mt Pinos Hwy, 6600'	18-Aug-12	KMR
<i>Pseudanarta actura</i> at uv trap	KERN: Mt Pinos, FR 9N15, 6200'	15-Sep-12	KMR
<i>Pseudanarta actura</i> at uv trap	VENTURA: Mt Pinos, Seymour Cr Rd, 7225'	15-Sep-12	KMR
<i>Stretchia pacifica</i>	CALAVERAS: 10 mi NE West Point	21-Apr-12	LAA
<i>Anarta oregonica</i> at uv trap	FRESNO: Huntington L, China Peak Resort, 7500'	07-Jul-12	VXA
<i>Papestra invalida</i> at uv trap	FRESNO: Huntington L, China Peak Resort, 7500'	07-Jul-12	VXA

Anarta fusculentata at uv trap	SAN LUIS OBISPO: Rt 41, 5.9 mi E Morro Bay, 750'	08-Apr-12	KMR
Lacinipolia pensilis at u.v. trap	VENTURA: Mt Pinos, Seymour Cr Rd, 7225'	18-Aug-12	KMR
Homorthodes hanhami semicarnea at uv trap	FRESNO: Huntington L, China Peak Resort, 7500'	07-Jul-12	VXA
Copablepharon viridisparsa at mv light	FRESNO: Huntington Lake, 7500'	06-Jul-12	VXA
Euxoa annulipes at mv light	FRESNO: Huntington L, Tamarack Lodge, 7500'	12-Aug-12	VXA
Euxoa simulata at mv light	FRESNO: Huntington L, Tamarack Lodge, 7500'	12-Aug-12	VXA
Tesagrotis atrifrons at uv trap	KERN: Mt Pinos Hwy, 6600'	18-Aug-12	KMR
Tesagrotis corrodera at uv trap	VENTURA: Mt Pinos, Seymour Cr Rd, 7225,	15-Sep-12	KMR
EREBIDAE			
Ascalapha odorata at uv trap	SAN LUIS OBISPO : Montana de Oro SP, 310'	19-Oct-12	KMR
Drasteria adumbrata at uv trap	FRESNO: Huntington L, China Peak Resort, 7500'	07-Jul-12	VXA

NEVADA

There was one new County record for Nevada, but very few butterfly records were reported for the state.

Butterflies

HESPERIIDAE

Atalopedes campestris WASHOE: Sparks 01-Oct-12 17-Oct-12 JD1

PIERIDAE

Anthocharis sara sulfuris Elko: SR 231, Humboldt Range, 9.5 mi. NE Tent Mtn. 15-May-12 TLS
ssp. Sulfuris; ex ovum, reared to adult.

LYCAENIDAE

Glaucoopsyche lygdamus Washoe: Trail to Relay Peak W of Mt. Rose Summit 11-Jul-12 JGP
High elevation segregate.

Plebejus shasta Washoe: Trail to Relay Peak W of Mt. Rose Summit 11-Jul-12 JGP

NYMPHALIDAE

Libytheana carinenta streckeri Clark: Henderson 19-Nov-12 KD
Photo by Dawn Nelson

Danaus plexippus Douglas: Gardnerville 19-Sep-12 KD
Tagged by Patricia Neyman; recovered in Santa Cruz, CA 15-Dec-12.

Chlosyne acastus neumoegei Clark: 3.5 mi. E of Hwy. 95 near St. Louis Mine 10-Nov-12 KD
Photo by Dawn Nelson

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

Coordinator: Charles E. Harp

Contributors Cited:

VXA : Valeriu Albu

JPC : Janet Chu

SF : Steve Fratello

SJK : Steven J. Kohler

KMR : Kelly M. Richers

DTA : Don Tangren

BKB : Barbara K. Bartell

KD : Ken Davenport

CEH : Charles E. Harp

RAM : Robert A. Martin

MS : Michael Sabourin

PT1 : Paul Thompson

SJC : Steven J. Cary

MSF : Michael S. Fisher

HTG : Chuck Harp & Todd Gilligan

MAQ : Mike Quinn

NS : Nancy Silver

ADW : Andrew D. Warren

General Comments:

There were 21 contributors to the 2012 Summary, coming from 18 listed contributors and an additional 23 collectors and observers. Some reporters posted records for more than one state. This year's Summary for Zone 4 is marked again by the number of new moth records, 2 state and 578 new county moth records. It was a season that was marked by early warm and dry conditions in much of the southern parts of the Zone and a season that was near normal in the northern parts of the Zone.

COLORADO

Mike Fisher reported warm dry conditions from Fall of 2011 that continued into early February. Winter snowfalls tracked northward of Colorado and produced minor snowfalls at lower elevations during that period. One substantial storm in mid-February gave welcomed relief but gave way to a very warm and dry March statewide. March is normally the wettest month of the year in Colorado and 2012 was one of the warmest and driest March in the front range on record. Dry warm weather persisted into April and May and continued into early summer making for generally poor conditions for the diurnal and nighttime field trips during the Lep. Soc. Annual Meetings in Denver in late July. Spring collecting was excellent in western Colorado where Mike sampled during late April and early May with many of the early species flying as much as a month earlier than the previous season or flying very well at their normal times of appearance. Most of the late Summer collecting was poor due to the dry conditions with the season advanced at much as four weeks in some mountain locations. Locally good collecting in mid to late July was found at locations on the western slope with permanent water sources.

Thirteen contributors provided records from the 2012 season, including additional photographic and vouchered specimen data from 7 observers. Seven new county records for butterflies were reported and 198 new county records for moths were given. Barbara Bartell continued her detailed survey of sampling moths from her home in Gilpin County. Her numerous records of microlepidoptera will be submitted as they are identified this season. Her vouchers have been generously donated to both the Gillette Museum in Ft. Collins and the Denver Museum of Nature & Science.

Butterflies

HESPERIIDAE

<i>Erynnis funeralis</i> taken by Will Bernstein	KIT CARSON: Flagler SWA, 4 mi. E of Flagler,	07-Jul-12	ADW
<i>Erynnis funeralis</i>	ROUTT: FR 900 Bear River Valley ca. 7 rd. mi. SW of Yampa	10-Jul-12	ADW
<i>Ancyloxypha numitor</i> taken with Will Bernstein	Kit Carson: Flagler SWA, 4 mi. E of Flagler,	07-Jul-12	ADW
<i>Thymelicus lineola</i> one male taken, second County record	Eagle: Hwy. 131, mi. mkr. 8.5, ca. 8.5 mi. N of Wolcott	10-Jul-12	ADW
<i>Hesperia comma colorado</i>	Gunnison: FR 867 to 1 mi. S of Hwy. 50, 8400' elev.,	10-Jul-12	MSF

PAPILIONIDAE

<i>Battus philenor</i> one male collected	Douglas: Hwy. 67, ca. 2 mi. SSW of Sprucewood	14-Jul-12	ADW
<i>Papilio eurymedon</i> early	Garfield: Glenwood Cyn., 6100'-6300' elev.,	24-Apr-12	MSF
<i>Papilio multicaudata</i>	Boulder: W. of Lyons, Deadman's Gulch	01-Apr-12	JPC
<i>Papilio zelicaon</i>	Clear Creek: summit of Engelmann Peak, 13362' elev.,	18-Jun-12	PT1
<i>Parnassius smintheus</i>	Saguache: south ridge Mt. Adams, 13200' elev.,	15-Jun-12	PT1
<i>Parnassius smintheus</i>	Clear Creek: north ridge Bard Peak, 12930' elev.,	18-Jun-12	PT1
<i>Parnassius smintheus</i> Collegiate Peaks Wilderness, alpine meadows	Gunnison: S. Texas Creek Basin, N of Cottonwood Pass	13-Jul-12	16-Jul-12 SF
<i>Parnassius smintheus</i>	Saguache: west ridge Mt. Adams, 12800' elev.,	12-Sep-12	PT1

PIERIDAE

<i>Pontia occidentalis</i>	Clear Creek: north ridge Bard Peak, 12930' elev.,	18-Jun-12	PT1
<i>Pontia occidentalis</i> Collegiate Peaks Wilderness, alpine meadows	Gunnison: S. Texas Creek Basin, N of Cottonwood Pass	13-Jul-12	16-Jul-12 SF
<i>Pontia occidentalis</i>	Saguache: northwest ridge Mt. Adams, 13100' elev.,	21-Sep-12	PT1
<i>Pontia sisymbrii</i>	Boulder: W. of Lyons, Deadman's Gulch	01-Apr-12	JPC
<i>Pieris rapae</i> Sight record by Cathy Comstock as late record	Boulder: Boulder,	13-Dec-12	JPC
<i>Anthocharis sara</i> common	Delta: Leroux Creek, 6000' elev.,	22-Apr-12	23-Apr-12 MSF
<i>Anthocharis sara julia</i> collected with Todd Stout	Park: N of Fairplay, Beaver Crk., 10000'+ in elev.,	15-Jun-12	MSF
<i>Colias eurytheme</i>	Clear Creek: summit of Engelmann Peak, 13362' elev.,	18-Jun-12	PT1
<i>Colias eurytheme</i> Collegiate Peaks Wilderness, alpine meadows	Gunnison: S. Texas Creek Basin, N of Cottonwood Pass	13-Jul-12	16-Jul-12 SF
<i>Colias eurytheme</i>	Saguache: west ridge Mt. Adams, 12800' elev.,	12-Sep-12	PT1
<i>Colias eurytheme</i>	Las Animas: Cordova Pass, 11250' elev.,	20-Sep-12	PT1
<i>Colias eurytheme</i> Sight record by Cathy Comstock as approaching a late record	Boulder: Boulder, east of town	06-Dec-12	JPC
<i>Colias meadii</i> Collegiate Peaks Wilderness, alpine meadows	Gunnison: S. Texas Creek Basin, N of Cottonwood Pass	13-Jul-12	16-Jul-12 SF
<i>Colias scudderii</i> Collegiate Peaks Wilderness, alpine meadows	Gunnison: S. Texas Creek Basin, N of Cottonwood Pass	13-Jul-12	16-Jul-12 SF
<i>Pyrisitia lisa</i> taken with Will Bernstein	KIT CARSON: Flagler SWA, 4 mi. E of Flagler,	07-Jul-12	ADW
<i>Abaeis nicippe</i> collected with Todd Stout, noted as a very early flight period	Park: N of Fairplay, Beaver Crk., 10000'+ in elev.,	15-Jun-12	MSF

Nathalis iole	Park: N of Fairplay, Beaver Crk., 10000'+ in elev.,	15-Jun-12		MSF
collected with Todd Stout, noted as a very early flight period				
Nathalis iole	Las Animas: Cordova Pass, 11250' elev.,	20-Sep-12		PT1
LYCAENIDAE				
Lycaena cupreus	Gunnison: S. Texas Creek Basin, n. of Cottonwood Pass	13-Jul-12	16-Jul-12	SF
Collegiate Peaks Wilderness, alpine meadows				
Lycaena helloides	Gunnison: S. Texas Creek Basin, n. of Cottonwood Pass	13-Jul-12	16-Jul-12	SF
Collegiate Peaks Wilderness, alpine meadows				
Atlides halesus	Delta: Leroux Creek, 6000' elev.,	22-Apr-12	23-Apr-12	MSF
first record since the mid-60's				
Satyrium titus	COLFAX: Flagler SWA, 4 mi. E of Flagler,	07-Jul-12		ADW
one male taken				
Satyrium titus	Gunnison: FR 867 to 1 mi. S of Hwy. 50, 8400' elev.,	10-Jul-12		MSF
Callophrys dumetorum	Boulder: W. of Lyons, Deadman's Gulch	01-Apr-12		JPC
Callophrys eryphon	Boulder: W. of Lyons, Deadman's Gulch	01-Apr-12		JPC
Callophrys gryneus siva	Jefferson: Clear Creek Cyn., 6000'- 7000'	01-Jul-12		MSF
observed as widespread in the area and as a rare second flight for the region				
Callophrys mossii	Boulder: W. of Lyons, Deadman's Gulch	01-Apr-12		JPC
Callophrys spinetorum	Douglas: Hwy. 67, vic. Of Sugar Creek	02-Jul-12		ADW
1 male and 1 female collected as second and third County records				
Calycopis cecrops	BOULDER: Boulder,	15-Jul-12		MSF
leg: Ron Butler in Gillette Museum collection as 'mid' July, Boulder County, North and only the Third record in State				
Hypaurotis crysalus	Garfield: Grizzly Creek, Glanwood Canyon,	07-Jul-12		KD
Hypaurotis crysalus	EAGLE: Deep Creek Rd., vic. of Garfield Co. line	15-Jul-12		ADW
many seen				
Echinargus isola	Gunnison: S. Texas Creek Basin, n. of Cottonwood Pass	13-Jul-12	16-Jul-12	SF
Collegiate Peaks Wilderness, alpine meadows				
Plebejus glandon	Gunnison: S. Texas Creek Basin, n. of Cottonwood Pass	13-Jul-12	16-Jul-12	SF
Collegiate Peaks Wilderness, alpine meadows				
Plebejus saepiolus	Gunnison: S. Texas Creek Basin, n. of Cottonwood Pass	13-Jul-12	16-Jul-12	SF
Collegiate Peaks Wilderness, alpine meadows				
Plebejus shasta	Gunnison: S. Texas Creek Basin, n. of Cottonwood Pass	13-Jul-12	16-Jul-12	SF
Collegiate Peaks Wilderness, alpine meadows				
NYMPHALIDAE				
Libytheana carinenta	Kit Carson: Flagler SWA, 4 mi. E of Flagler,	07-Jul-12		ADW
taken with Will Bernstein, adults were common and most were in good condition, many were dwarfed				
Danaus gilippus	Kit Carson: Flagler SWA, 4 mi. E of Flagler,	07-Jul-12		ADW
one pair collected				
Cercyonis sthenele	Garfield: Parachute Creek, 6000' elev.,	21-Jun-12		MSF
fresh males flying among fresh males of C. pegala				
Erebia callias	Gunnison: S. Texas Creek Basin, N of Cottonwood Pass	13-Jul-12	16-Jul-12	SF
Collegiate Peaks Wilderness, alpine meadows				
Erebia epipsodea	Gunnison: S. Texas Creek Basin, N of Cottonwood Pass	13-Jul-12	16-Jul-12	SF
Collegiate Peaks Wilderness, alpine meadows				
Erebia magdalena	Saguache: west slopes of Peak 13580, north of Crestones	15-Jun-12		PT1
noted as abundant				
Erebia magdalena	Clear Creek: north ridge Bard Peak, 12930' elev.,	18-Jun-12		PT1
Oeneis chryxus	Saguache: Willow Lake, 11700' elev.,	15-Jun-12		PT1
Oeneis chryxus	Park: N of Fairplay, Beaver Crk., 10000'+ in elev.,	15-Jun-12		MSF
collected with Todd Stout, noted as a very early flight period				
Oeneis chryxus	Huerfano: 1.5 miles E of La Veta Pass,	16-Jun-12		PT1
Oeneis jutta	Boulder: Brainard Lake Trail,	25-Jun-12		MSF
photographic record by Venice Kelly, represents 3rd record for the county and a good find East of the Divide				
Oeneis melissa	Saguache: west slopes of Peak 13580, north of Crestones	15-Jun-12		PT1
noted as common				
Oeneis melissa	Clear Creek: north ridge Bard Peak, 13000' elev.,	18-Jun-12		PT1
Oeneis melissa	Clear Creek: summit of Engelmann Peak, 13362' elev.,	18-Jun-12		PT1
Oeneis polixenes	Clear Creek: northwest ridge Mt. Parnassus, 12900' elev.,	18-Jun-12		PT1
Oeneis uhleri	Gunnison: S. Texas Creek Basin, N of Cottonwood Pass	13-Jul-12	16-Jul-12	SF
Collegiate Peaks Wilderness, alpine meadows				
Agraulis vanillae	Kit Carson: Flagler SWA, 4 mi. E of Flagler,	07-Jul-12		ADW
taken with Will Bernstein				
Euptoieta claudia	Park: N of Fairplay, Beaver Crk., 10000'+ in elev.,	15-Jun-12		MSF
collected with Todd Stout, noted as a very early flight period				
Euptoieta claudia	Saguache: Willow Creek Canyon, 11200' elev.,	15-Jun-12		PT1

Speyeria atlantis collected with Todd Stout, noted as a very early flight period	Park: N of Fairplay, Beaver Crk., 10000'+ in elev.,	15-Jun-12		MSF
Speyeria atlantis	Gunnison: FR 867 to 1 mi. S of Hwy. 50, 8400' elev.,	10-Jul-12		MSF
Speyeria cybele	Gunnison: FR 867 to 1 mi. S of Hwy. 50, 8400' elev.,	10-Jul-12		MSF
Speyeria egleis id verified by Andy Warren	Garfield: Grizzly Creek, Glanwood Canyon,	07-Jul-12		KD
Speyeria mormonia Collegiate Peaks Wilderness, alpine meadows	Gunnison: S. Texas Creek Basin, N of Cottonwood Pass	13-Jul-12	16-Jul-12	SF
Speyeria zerene	Gunnison: FR 867 to 1 mi. S of Hwy. 50, 8400' elev.,	10-Jul-12		MSF
Speyeria zerene id verified by Andy Warren	Boulder: wetlands off Hwy. 72, 1-2 mi. S of Hwy. 119,	10-Jul-12		KD
Speyeria zerene female vouchered	HINSDALE: Lake San Cristobal, 9000' elev.,	12-Jul-12		MSF
Boloria chariclea Collegiate Peaks Wilderness, alpine meadows	Gunnison: S. Texas Creek Basin, N of Cottonwood Pass	13-Jul-12	16-Jul-12	SF
Vanessa cardui	Clear Creek: summit of Engelmann Peak, 13362' elev.,	18-Jun-12		PT1
Vanessa cardui Collegiate Peaks Wilderness, alpine meadows	Gunnison: S. Texas Creek Basin, N of Cottonwood Pass	13-Jul-12	16-Jul-12	SF
Vanessa cardui Sight record by Cathy Comstock as approaching a late record	Boulder: Boulder, University of Colorado campus	12-Nov-12		JPC
Vanessa virginiensis	Clear Creek: summit of Engelmann Peak, 13362' elev.,	18-Jun-12		PT1
Aglais milberti	Saguache: south slopes Mt. Adams, 12400' elev.,	15-Jun-12		PT1
Aglais milberti	Clear Creek: Bard Peak, 13000' elev.,	18-Jun-12		PT1
Aglais milberti Collegiate Peaks Wilderness, alpine meadows	Gunnison: S. Texas Creek Basin, N of Cottonwood Pass	13-Jul-12	16-Jul-12	SF
Aglais milberti	Saguache: west ridge Mt. Adams, 13100' elev.,	21-Sep-12		PT1
Nymphalis antiopa collected with Todd Stout, noted as a very early flight period	Park: N of Fairplay, Beaver Crk., 10000'+ in elev.,	15-Jun-12		MSF
Polygonia gracilis	Boulder: W. of Lyons, Deadman's Gulch	01-Apr-12		JPC
Polygonia gracilis Collegiate Peaks Wilderness, alpine meadows	Gunnison: S. Texas Creek Basin, N of Cottonwood Pass	13-Jul-12	16-Jul-12	SF
Polygonia interrogationis on female taken	Kit Carson: Flagler SWA, 4 mi. E of Flagler,	07-Jul-12		ADW
Junonia coenia several females taken	Kit Carson: Flagler SWA, 4 mi. E of Flagler,	07-Jul-12		ADW
Junonia coenia taken with Will Bernstein	Clear Creek: vic. of summit Guanella pass	22-Jul-12		ADW
Phyciodes graphica taken with Will Bernstein	Kit Carson: Flagler SWA, 4 mi. E of Flagler,	07-Jul-12		ADW
Phyciodes mylitta one male taken as third County record	Douglas: Hwy. 67 vic. of Indian Creek C.G.,	02-Jul-12		ADW
Euphydryas anicia Collegiate Peaks Wilderness, alpine meadows	Gunnison: S. Texas Creek Basin, N of Cottonwood Pass	13-Jul-12	16-Jul-12	SF

Moths

HEPIALIDAE

Gazoryctra hyperboreus at MV light	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
Gazoryctra pulcher at uv trap	CLEAR CREEK: Loveland Ski area, I-70 & Rt 6, 10,800'	25-Jul-12		KMR

GELECHIIDAE

Aristotelia roseosuffusella at MV light	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
Lita rectistrigella diurnal on flowers	LAKE: Mt. Elbert Trail, San Isabel NF	01-Aug-12		VXA
Lita thaliae diurnal on Aster flowers	LAKE: Mt. Elbert Trail, San Isabel NF	01-Aug-12		VXA

GLYPHIPTERIGIDAE

Glyphipterix montisella flushed from vegetation, diurnal	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
Glyphipterix montisella diurnal on flowers	Lake: Mt. Elbert Trail, San Isabel NF	01-Aug-12		VXA

CRAMBIDAE

Cosipara modulalis at MV light	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
Euchromius ocellus at u.v. trap	WELD: Roggen, 2.5 mi N on CR 386, 4680'	28-Jul-12		KMR

<i>Eudonia torniplagalis</i> at MV light	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
<i>Evergestis obscuralis</i> at MV light	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
<i>Loxostege cereralis</i> at uv trap	WELD: Roggen, 3.5 mi N on CR 386, 4650'	26-Jul-12		KMR
<i>Loxostege sticticalis</i> at uv trap	WELD: Roggen, 3.5 mi N on CR 386, 4650'	26-Jul-12		KMR
<i>Petrophila avernalis</i> at u.v. light	JEFFERSON: Waterton Rd, Chatfield SP, 5500'	23-Jul-12		KMR
<i>Prionapteryx achatina</i> at uv trap	WELD: Roggen, 2.5 mi N on CR 386, 4680'	28-Jul-12		KMR
<i>Saucrobotys futilalis</i> at u.v. light	WELD: Roggen, 3.5 mi N on CR 386, 4650'	26-Jul-12		KMR
<i>Udea itysalis</i> at uv trap	CLEAR CREEK: Loveland Ski area, I-70 & Rt 6, 10,800'	25-Jul-12		KMR
<i>Udea itysalis</i> at MV light	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
<i>Udea turmalis</i> at MV light	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
PYRALIDAE				
<i>Macalla zelleri</i> at uv light	WELD: Roggen, 3.5 mi N on CR 386, 4650'	26-Jul-12		KMR
<i>Ambesa laetella</i> at MV light	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
<i>Dioryctria ponderosae</i> at MV light	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
<i>Dioryctria rossi</i> at u.v. light	DOUGLAS: Indian Cr CG, Rt 67, 7590'	24-Jul-12		KMR
<i>Phycitodes albatella mucidella</i> at MV light	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
TORTRICIDAE				
<i>Phaneta corculana</i> at u.v. light	WELD: Roggen, 3.5 mi N on CR 386, 4650'	26-Jul-12		KMR
<i>Eucosma conspiciendana</i> at MV light	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
<i>Eucosma larana</i> 39°30'N; -105°05'W	JEFFERSON: Chatfield SP,	23-Jul-12		MS
<i>Eucosma palabundana</i> 40°12'N; -104°20'W	WELD: 2.5 mi. NE of Roggen, vic. CR #386, 4664' elev.,	26-Jul-12		MS
<i>Eucosma serpentana</i> at uv trap	WELD: Roggen, 3.5 mi N on CR 386, 4650'	26-Jul-12		KMR
<i>Epiblema luctuosissima</i> 40°12'N; -104°20'W	WELD: 2.5 mi. NE of Roggen, vic. CR #386, 4664' elev.,	26-Jul-12		MS
<i>Epinotia criddleana</i> at MV light	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
<i>Epinotia criddleana</i> flushed from vegetation, diurnal	LAKE: Mt. Elbert Trail, San Isabel NF	01-Aug-12		VXA
<i>Epinotia johnsonana</i> at MV light	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
<i>Epinotia medioplagata</i> at MV light	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
<i>Croesia albicomana</i> at MV light	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
<i>Eana georgiella</i> at u.v. trap	CLEAR CREEK: Loveland Ski area, I-70 & Rt 6, 10,800'	25-Jul-12		KMR
<i>Eana georgiella</i> flushed from vegetation, diurnal	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
<i>Decodes horarianus</i> at MV light	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
<i>Anopina silvertanana</i> at MV light	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
GEOMETRIDAE				
<i>Macaria plumosata</i> at u.v. light	DOUGLAS: Indian Cr CG, Rt 67, 7590'	24-Jul-12		KMR
<i>Digrammia delectata</i> at u.v. light	DOUGLAS: Indian Cr CG, Rt 67, 7590'	24-Jul-12		KMR

Digrammia muscariata at u.v. light	DOUGLAS: Indian Cr CG, Rt 67, 7590'	24-Jul-12		KMR
Glauцина interruptaria at uv trap	WELD: Roggen, 3.5 mi N on CR 386, 4650'	26-Jul-12		KMR
Metanema inatormaria at u.v. light	Jefferson: Waterton Rd, Chatfield SP, 5500'	23-Jul-12		KMR
Metanema inatormaria at uv trap	WELD: Roggen, 2.5 mi N on CR 386, 4680'	28-Jul-12		KMR
Cepphis decoloraria at uv trap	CLEAR CREEK: Loveland Ski area, I-70 & Rt 6, 10,800'	25-Jul-12		KMR
Cepphis decoloraria at MV light	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
Enypia griseata at uv trap	CLEAR CREEK: Loveland Ski area, I-70 & Rt 6, 10,800'	25-Jul-12		KMR
Xerochlora viridipallens at uv trap	WELD: Roggen, 2.5 mi N on CR 386, 4680'	28-Jul-12		KMR
Scopula limboundata at u.v. light	DOUGLAS: Indian Cr CG, Rt 67, 7590'	24-Jul-12		KMR
Eustroma semiatrata at MV light	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
Hydriomena macdunnoughi at MV light	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
Triphosa bipectinata at MV light	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
Entephria multivigata at MV light	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
Eupithecia absinthiata ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N;-105°27.372'W, id by C. Ferris	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	11-Jul-10		BKB
Eupithecia ammonata ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N;-105°27.372'W, id by C. Ferris	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	18-Aug-11		BKB
Eupithecia annulata ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N;-105°27.372'W, id by C. Ferris	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	11-Jun-10	01-Aug-10	BKB
Eupithecia anticaria ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N;-105°27.372'W, id by C. Ferris	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	29-Jun-10	11-Jul-10	BKB
Eupithecia appendiculata ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N;-105°27.372'W, id by C. Ferris	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	30-Jun-10	21-Jul-10	BKB
Eupithecia borealis ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N;-105°27.372'W, id by C. Ferris	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	07-Aug-09		BKB
Eupithecia bryanti ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N;-105°27.372'W, id by C. Ferris	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	17-Aug-09		BKB
Eupithecia bryanti ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N;-105°27.372'W, id by C. Ferris	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	18-Aug-10		BKB
Eupithecia edna ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N;-105°27.372'W, id by C. Ferris	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	21-Jul-11		BKB
Eupithecia intricata taylorata ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N;-105°27.372'W, id by C. Ferris	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	01-Jun-11	08-Jun-11	BKB
Eupithecia lachrymosa ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N;-105°27.372'W, id by C. Ferris	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	16-Aug-10		BKB
Eupithecia lafontaineata ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N;-105°27.372'W, id by C. Ferris	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	24-Jun-10	10-Aug-10	BKB
Eupithecia misturata ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N;-105°27.372'W, id by C. Ferris	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	14-Jul-10	18-Aug-10	BKB
Eupithecia multistrigata ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N;-105°27.372'W, id by C. Ferris	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	02-Jun-10		BKB
Eupithecia nimbicolor ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N;-105°27.372'W, id by C. Ferris	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	06-Jun-10	18-Jul-10	BKB
Eupithecia niphadophilata ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N;-105°27.372'W, id by C. Ferris	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	06-Aug-10	13-Sep-10	BKB
Eupithecia niveifascia ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N;-105°27.372'W, id by C. Ferris	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	28-Jun-11		BKB
Eupithecia ornata ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N;-105°27.372'W, id by C. Ferris	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	22-Jun-10	03-Aug-10	BKB
Eupithecia palpata ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N;-105°27.372'W, id by C. Ferris	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	25-Jul-11		BKB
Eupithecia persimulata ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N;-105°27.372'W, id by C. Ferris	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	01-Aug-10	06-Aug-10	BKB
Eupithecia satyrata ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N;-105°27.372'W, id by C. Ferris	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	16-Jun-10	31-Jul-10	BKB

<i>Eupithecia subfuscata</i>	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	09-Jul-10	14-Jul-10	BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N; -105°27.372'W, id by C. Ferris				
<i>Eupithecia tripunctaria</i>	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	26-Jul-11	30-Jul-11	BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N; -105°27.372'W, id by C. Ferris				
<i>Eupithecia zygadeniata</i>	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	15-Jul-11	16-Jul-11	BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N; -105°27.372'W, id by C. Ferris				
LASIOCAMPIDAE				
<i>Tolyte glenwoodii</i>	Douglas: Indian Cr CG, Rt 67, 7590'	24-Jul-12		KMR
at u.v. light				
<i>Malacosoma californicum</i>	Lake: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
at MV light				
SATURNIIDAE				
<i>Coloradia doris</i>	Park : downtown Bailey, Hwy. #285/ Post Office lights	08-May-12		CEH
taken at uv & mv lights, 7950' elev., 39°24.38'N; -105°28.67'W				
<i>Coloradia luski</i>	Park : downtown Bailey, Hwy. #285/ Post Office lights	21-Jun-12		CEH
taken at uv & mv lights, 7950' elev., 39°24.38'N; -105°28.67'W				
NOTODONTIDAE				
<i>Gluphisia septentrionis</i>	Jefferson: Waterton Rd, Chatfield SP, 5500'	23-Jul-12		KMR
at u.v. light				
<i>Gluphisia septentrionis</i>	Weld: Roggen, 2.5 mi N on CR 386, 4680'	28-Jul-12		KMR
at u.v. trap (RL says may be new west sp.)				
NOCTUIDAE				
<i>Lasionycta coloradensis</i>	PARK : 1 mi. N. of Kenosha Pass, Hwy. 285 at mkr204	06-Jun-12		CEH
taken at uv trap, 9959' elev., wet open meadow, 39°25.15'N; -105°45.88'W				
<i>Lasionycta coloradensis</i>	CHAFFEE: 0.4 mi E. below Cottonwood Pass SR 306	13-Jun-12		CEH
along alpine trail at uv trap, 8-11pm, 11900' elev., Collegiate Peaks Wilderness				
<i>Lasionycta coloradensis</i>	GUNNISON: Cottonwood Pass crest, roadside above SR 306,	13-Jun-12		CEH
at uv trap, 8-11:30pm, 12219' elev., Collegiate Peaks Wilderness				
<i>Megalographa biloba</i>	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	20-Jul-12		BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.				
<i>Autographa mappa</i>	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	20-Jun-12	23-Jun-12	BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N; -105°27.372'W				
<i>Autographa pseudogamma</i>	PITKIN: Independence Pass, roadside at crest of pass	20-Jun-12		CEH
taken at uv & mv lights, San Isabel NF, 12112' elev., 39°06.518'N; -106°33.899'W				
<i>Autographa pseudogamma</i>	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	15-Jul-12		BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.				
<i>Syngrapha alticola</i>	CLEAR CREEK: 0.5 mi S Loveland Pass, 12,300'	26-Jul-12		KMR
in daylight				
<i>Syngrapha angulidens</i>	Park: Rt. 285 .5 mi.N. of Kenosha Pass, West side of Rd.	25-Jul-12		DTA
UV and MV lights				
<i>Syngrapha angulidens</i>	CLEAR CREEK: Bakerville, I-70, 9,800'	28-Jul-12		KMR
in daylight				
<i>Syngrapha angulidens</i>	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
at MV light				
<i>Syngrapha epigaea</i>	JEFFERSON: 4.5 mi. N on Deer Creek Canyon Rd	22-Jul-12		DTA
UV and MV lights				
<i>Syngrapha ignea</i>	Gunnison: Cottonwood Pass crest, roadside above SR 306	03-Jul-12		CEH
base of scree field at uv trap, 9-11:30pm, 11900' elev., Collegiate Peaks Wilderness				
<i>Syngrapha ignea</i>	Chaffee: Cottonwood Pass crest, roadside above SR 306	03-Jul-12		CEH
along alpine trail at uv trap, 8-11pm, 11900' elev., Collegiate Peaks Wilderness				
<i>Syngrapha sackenii</i>	Gunnison: Cottonwood Pass crest, roadside above SR 306	03-Jul-12		CEH
base of scree field at uv trap, 9-11:30pm, 11900' elev., Collegiate Peaks Wilderness				
<i>Syngrapha sackenii</i>	Chaffee: Cottonwood Pass crest, roadside above SR 306	03-Jul-12		CEH
along alpine trail at uv trap, 8-11pm, 11900' elev., Collegiate Peaks Wilderness				
<i>Syngrapha sackenii</i>	CLEAR CREEK: Loveland Ski area, I-70 & Rt 6, 10,800'	25-Jul-12		KMR
at uv trap				
<i>Syngrapha sackenii</i>	PARK: Rt. 285 .5 mi.N. of Kenosha Pass, West side of Rd.	25-Jul-12		DTA
UV and MV lights				
<i>Plusia putnami</i>	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	20-Jun-12	23-Jun-12	BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N; -105°27.372'W				
<i>Plusia putnami</i>	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
at MV light				
<i>Tarachidia candefacta</i>	Jefferson: Waterton Rd, Chatfield SP, 5500'	23-Jul-12		KMR
at uv trap				
<i>Tarachidia candefacta</i>	Weld: Roggen, 3.5 mi N on CR 386, 4650'	26-Jul-12		KMR
at uv trap				
<i>Ponometia sutrix</i>	Weld: Roggen, 3.5 mi N on CR 386, 4650'	26-Jul-12		KMR
at u.v. light				

Panthea acronyctoides ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N; -105°27.372'W	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	16-Jun-12	BKB
Panthea acronyctoides taken at uv & mv lights, 7950' elev., 39°24.38'N; -105°28.67'W	Park : downtown Bailey, Hwy. #285	21-Jun-12	CEH
Panthea greyi ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	14-Jun-12	BKB
Panthea greyi taken at uv & mv lights, 7950' elev., 39°24.38'N; -105°28.67'W	PARK : downtown Bailey, Hwy. #285/ Post Office lights	21-Jun-12	CEH
Panthea gigantea taken at uv & mv lights, 7950' elev., 39°24.38'N; -105°28.67'W	Park : downtown Bailey, Hwy. #285/ Post Office lights	21-Jun-12	CEH
Charadra deridens taken at uv trap nr. Poplar/oaks/alder/cherry along Deer Ck., 6611' elev., 39°32.224'N; -105°11.533'W	Jefferson: SW of Littleton, West Deer Crk. Cyn. Rd,	18-May-12	25-May-12 CEH
Meleneta antennata taken at uv trap nr. Poplar/oaks/alder/cherry along Deer Ck., 6611' elev., 39°32.224'N; -105°11.533'W	JEFFERSON: SW of Littleton, West Deer Crk. Cyn. Rd,	25-May-12	CEH
Raphia frater at uv trap	Jefferson: Waterton Rd, Chatfield SP, 5500'	23-Jul-12	KMR
Acronicta barnesii pine/rabbitbrush/sage assoc., taken at uv/mv trap, 6785' elev., 39°41.33'N; -106°44.88'W	EAGLE: 5 mi. E of Eagle, Hwy #6 roadside at mkr. #155	09-May-12	CEH
Acronicta barnesii taken at uv trap nr. Greaswood, juniper and sagebrush in dry canyon @ 5614' elev., 39°35.195'N; -107°46.344'W	GARFIELD: 4.5 mi. N of Rifle off Hwy. 13,	21-May-12	CEH
Acronicta cyanescens at post office mv lights, 8455' elev., 39°27'59"N; -105°23'41"W	JEFFERSON: Pine Junction, off Hwy. #285 on Mt. Evans road	01-May-12	CEH
Acronicta exempta UV trap, ident. confirmed by G. Anweiler	JEFFERSON: 5 mi. N on Deer Creek Canyon Rd.	22-Jul-12	DTA
Acronicta falcula pine/rabbitbrush/sage assoc., taken at uv/mv trap, 6785' elev., 39°41.33'N; -106°44.88'W	EAGLE: 5 mi. E of Eagle, Hwy #6 roadside at mkr. #155	09-May-12	CEH
Acronicta falcula UV and MV lights	JEFFERSON: Audubon Center at Chatfield Lake	23-Jul-12	DTA
Acronicta grisea pine/rabbitbrush/sage assoc., taken at uv/mv trap, 6785' elev., 39°41.33'N; -106°44.88'W	Eagle: 5 mi. E of Eagle, Hwy #6 roadside at mkr. #155	09-May-12	CEH
Acronicta grisea taken at uv trap nr. Poplar/oaks/alder/cherry along Deer Ck., 6611' elev., 39°32.224'N; -105°11.533'W	Jefferson: SW of Littleton, West Deer Crk. Cyn. Rd,	25-May-12	CEH
Acronicta impleta taken at uv trap nr. Poplar/oaks/alder/cherry along Deer Ck., 6611' elev., 39°32.224'N; -105°11.533'W	Jefferson: SW of Littleton, West Deer Crk. Cyn. Rd,	18-May-12	25-May-12 CEH
Acronicta impressa pine/rabbitbrush/sage assoc., taken at uv/mv trap, 6785' elev.	EAGLE: 5 mi. E of Eagle, Hwy #6 roadside at mkr. #155	09-May-12	CEH
Acronicta lepusculina taken at uv trap nr. Poplar/oaks/alder/cherry along Deer Ck., 6611' elev.	Jefferson: SW of Littleton, West Deer Crk. Cyn. Rd,	18-May-12	CEH
Merolonche lupini pine/rabbitbrush/sage assoc., taken at uv/mv trap, 6785' elev.	Eagle: 5 mi. E of Eagle, Hwy #6 roadside at mkr. #155	09-May-12	CEH
Euscirrhopterus gloveri at u.v. light	Weld: Roggen, 3.5 mi N on CR 386, 4650'	26-Jul-12	KMR
Cucullia luna UV and MV lights	Weld: Roggen, 2 mi. N on County Rd. 386	26-Jul-12	DTA
Cucullia luna at uv trap	Weld: Roggen, 3.5 mi N on CR 386, 4650'	28-Jul-12	KMR
Cucullia speyeri at uv trap	Weld: Roggen, 3.5 mi N on CR 386, 4650'	26-Jul-12	KMR
Sympistis albifasciata along Sangre de Cristo Crk., Ericamera/sagebrush/Salix community, 37°29.515'N; -105°20.339'W	COSTILLA: 7.5 mi ENE of Ft Garland, Beekman Rd nr Hwy160	26-Aug-12	CEH
Sympistis arizonensis UV and MV lights	Jefferson: 4.5 mi. N on Deer Creek Canyon Rd	22-Jul-12	DTA
Sympistis arizonensis at MV light	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12 VXA
Sympistis arizonensis along Sangre de Cristo Crk., Ericamera/sagebrush/Salix community, 37°29.163'N; -105°20.323'W	COSTILLA: 7.3 mi ENE of Ft Garland, Beekman Rd nr Hwy160	26-Aug-12	CEH
Sympistis chandleri along Sangre de Cristo Crk., Ericamera/sagebrush/Salix community, 37°29.429'N; -105°20.336'W	Costilla: 7.4 mi ENE of Ft Garland, Beekman Rd nr Hwy160	26-Aug-12	CEH
Sympistis chandleri Ericamera/sage/Mentzelia, 37°29.657'N; -105°20.187'W	COSTILLA: 8 mi. ENE of Ft. Garland, Hwy 160 at Beekman Rd.	26-Aug-12	CEH
Sympistis cibalis Ericamera/sage/Mentzelia, 37°29.657'N; -105°20.187'W	COSTILLA: 8 mi. ENE of Ft. Garland, Hwy 160 at Beekman Rd.	26-Aug-12	CEH
Sympistis cibalis along Sangre de Cristo Crk., Ericamera/sagebrush/Salix community, 37°29.429'N; -105°20.336'W	Costilla: 7.4 mi ENE of Ft Garland, Beekman Rd nr Hwy160	26-Aug-12	CEH
Sympistis euta along Sangre de Cristo Crk., Ericamera/sagebrush/Salix community, 37°29.163'N; -105°20.323'W	COSTILLA: 7.3 mi ENE of Ft Garland, Beekman Rd nr Hwy160	26-Aug-12	CEH
Sympistis euta Ericamera/sage/Mentzelia, 37°29.657'N; -105°20.187'W	Costilla: 8 mi. ENE of Ft. Garland, Hwy 160 at Beekman Rd.	26-Aug-12	CEH

<i>Sympistis hayesi</i> along Sangre de Cristo Crk., Ericamera/sagebrush/Salix community, 37°29.429'N; -105°20.336'W	COSTILLA: 7.4 mi ENE of Ft Garland, Beekman Rd nr Hwy160	26-Aug-12		CEH
<i>Sympistis hayesi</i> Ericamera/sage/Mentzelia, 37°29.657'N; -105°20.187'W	Costilla: 8 mi. ENE of Ft. Garland, Hwy 160 at Beekman Rd.	26-Aug-12		CEH
<i>Sympistis orbicularis</i> along Sangre de Cristo Crk., Ericamera/sagebrush/Salix community, 37°29.515'N; -105°20.339'W	COSTILLA: 7.5 mi ENE of Ft Garland, Beekman Rd nr Hwy160	26-Aug-12		CEH
<i>Sympistis poliochroa</i> along Sangre de Cristo Crk., Ericamera/sagebrush/Salix community, 37°29.163'N; -105°20.323'W	Costilla: 7.3 mi ENE of Ft Garland, Beekman Rd nr Hwy160	26-Aug-12		CEH
<i>Sympistis poliochroa</i> Ericamera/sage/Mentzelia, 37°29.657'N; -105°20.187'W	COSTILLA: 8 mi. ENE of Ft. Garland, Hwy 160 at Beekman Rd.	26-Aug-12		CEH
<i>Sympistis sanina</i> Ericamera/sage/Mentzelia, 37°29.657'N; -105°20.187'W	COSTILLA: 8 mi. ENE of Ft. Garland, Hwy 160 at Beekman Rd.	26-Aug-12		CEH
<i>Plagiomimicus dimidiata</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	12-Jul-12		BKB
<i>Plagiomimicus spumosum</i> at uv trap	Weld: Roggen, 3.5 mi N on CR 386, 4650'	26-Jul-12		KMR
<i>Plagiomimicus triplagiatus</i> at uv trap	Weld: Roggen, 2.5 mi N on CR 386, 4680'	28-Jul-12		KMR
<i>Stiria rugifrons</i> at uv trap	Weld: Roggen, 3.5 mi N on CR 386, 4650'	28-Jul-12		KMR
<i>Pyrrhia exprimens</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N05°27.372'W	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	17-Jun-12	10-Jul-12	BKB
<i>Schinia citrinella</i> UV and MV lights	Weld: 2 mi. N on County Rd. 386	26-Jul-12		DTA
<i>Schinia citrinella</i> at uv trap	Weld: Roggen, 3.5 mi N on CR 386, 4650'	26-Jul-12		KMR
<i>Schinia gaurae</i> UV and MV lights	Jefferson: Audubon Center at Chatfield Lake	23-Jul-12		DTA
<i>Schinia mortua</i> UV and MV lights	Jefferson: Audubon Center at Chatfield Lake	23-Jul-12		DTA
<i>Schinia nuchalis</i> Ericameria/Artemisia/Mentzelia community, at MV and UV lights, 7467' elev., 37°10.824'N; -105°43.837'W	CONEJOS: E. of Manassa, Hwy. 142 at Rio Grande River,	15-Aug-12		HTG
<i>Schinia regina</i> UV and MV lights	Weld: 2 mi. N on County Rd. 386	26-Jul-12		DTA
<i>Schinia reniformis</i> UV and MV lights	Weld: 2 mi. N on County Rd. 386	26-Jul-12		DTA
<i>Schinia reniformis</i> at uv trap	Weld: Roggen, 3.5 mi N on CR 386, 4650'	26-Jul-12		KMR
<i>Schinia sexplagiata</i> UV and MV lights	Weld: 2 mi. N on County Rd. 386	26-Jul-12		DTA
<i>Schinia sexplagiata</i> at uv trap	Weld: Roggen, 2.5 mi N on CR 386, 4680'	28-Jul-12		KMR
<i>Schinia simplex</i> UV and MV lights	Weld: 2 mi. N on County Rd. 386	26-Jul-12		DTA
<i>Cryphia olivacea</i> UV and MV lights	JEFFERSON: 4.5 mi. N on Deer Creek Canyon Rd	22-Jul-12		DTA
<i>Elaphria alapallida</i> taken at uv trap nr. Poplar/oaks/alder/cherry along Deer Ck., 6611' elev., 39°32.224'N; -105°11.533'W	JEFFERSON: SW of Littleton, West Deer Crk. Cyn. Rd,	25-May-12		CEH
<i>Proxenus miranda</i> taken at uv trap nr. Heracium maximum, creekside along Deer Ck., 6500' elev., 39°32.43'N; -105°19.62'W	JEFFERSON: SW of Littleton, West Deer Crk. Cyn. Rd,	18-May-12	19-May-12	CEH
<i>Cosmia praeacuta</i> UV and MV lights	Jefferson: 4.5 mi. N on Deer Creek Canyon Rd	22-Jul-12		DTA
<i>Enargia infumata</i> at MV light	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
<i>Ipimorpha pleonectusa</i> UV trap	Jefferson: 5 mi. N on Deer Creek Canyon Rd	22-Jul-12		DTA
<i>Ipimorpha pleonectusa</i> at MV light	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
<i>Aseptis genetrix</i> at MV light	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
<i>Pseudanarta flavidens</i> at MV light	Lake: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
<i>Apamea amputatrix</i> UV and MV lights	Jefferson: 4.5 mi. N on Deer Creek Canyon Rd	22-Jul-12		DTA
<i>Apamea atrosuffusa</i> UV and MV lights	Jefferson: 4.5 mi. N on Deer Creek Canyon Rd	22-Jul-12		DTA
<i>Apamea auranticolor</i> at MV light	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA

<i>Apamea cogitata</i> at MV light	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
<i>Apamea devastator</i> UV and MV lights	Park: Rt. 285 .5 mi.N. of Kenosha Pass, West side of Rd.	25-Jul-12		DTA
<i>Apamea niveivenosa</i> UV and MV lights	PARK: Rt. 285 .5 mi.N. of Kenosha Pass, West side of Rd.	25-Jul-12		DTA
<i>Apamea sordens</i> taken at uv trap nr. Greaswood, juniper and sagebrush in dry canyon @ 5614' elev., 39°35.195'N; -107°46.344'W	GARFIELD: 4.5 mi. N of Rifle off Hwy. 13,	21-May-12		CEH
<i>Amphipoea americana</i> along Sangre de Cristo Crk., Ericamera/sagebrush/Salix community, 37°29.163'N; -105°20.323'W	COSTILLA: 7.5 mi ENE of Ft Garland, Beekman Rd nr Hwy160	26-Aug-12		CEH
<i>Amphipoea senilis</i> along Sangre de Cristo Crk., Ericamera/sagebrush/Salix community, 37°29.163'N; -105°20.323'W	Costilla: 7.3 mi ENE of Ft Garland, Beekman Rd nr Hwy160	26-Aug-12		CEH
<i>Xylena cineritia</i> riparian area along Deer Creek Canyon, 5930' elev., poplars/willow/gambel's oak	Jefferson: Deer Crk Canyon SW of Littleton W of Hogback	30-Mar-12		CEH
<i>Homoglaea carbonaria</i> riparian area along Deer Creek Canyon, 5930' elev., poplars/willow/gambel's oak	Jefferson: Deer Crk Canyon SW of Littleton W of Hogback	30-Mar-12		CEH
<i>Lithophane ponderosa</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N; -105°27.372'W	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	02-Oct-12	15-Oct-12	BKB
<i>Anathix aggressa</i> Ericamera/sage/Mentzelia, 37°29.657'N; -105°20.187'W	COSTILLA: 8 mi. ENE of Ft. Garland, Hwy 160 at Beekman Rd.	26-Aug-12		CEH
<i>Brachylochia algens</i> Ericamera/sage/Mentzelia, 37°29.657'N; -105°20.187'W	Costilla: 8 mi. ENE of Ft. Garland, Hwy 160 at Beekman Rd.	26-Aug-12		CEH
<i>Brachylochia algens</i> along Sangre de Cristo Crk., Ericamera/sagebrush/Salix community, 37°29.515'N; -105°20.339'W	COSTILLA: 7.5 mi ENE of Ft Garland, Beekman Rd nr Hwy160	26-Aug-12		CEH
<i>Lomilysis discolor</i> at MV light	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
<i>Andropolia theodori</i> UV and MV lights	Jefferson: 4.5 mi. N on Deer Creek Canyon Rd	22-Jul-12		DTA
<i>Andropolia theodori</i> along Sangre de Cristo Crk., Ericamera/sagebrush/Salix community, 37°29.429'N; -105°20.336'W	Costilla: 7.4 mi ENE of Ft Garland, Beekman Rd nr Hwy160	26-Aug-12		CEH
<i>Andropolia theodori</i> Ericamera/sage/Mentzelia, 37°29.657'N; -105°20.187'W	COSTILLA: 8 mi. ENE of Ft. Garland, Hwy 160 at Beekman Rd.	26-Aug-12		CEH
<i>Fishia discors</i> at MV light	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
<i>Fishia discors</i> along Sangre de Cristo Crk., Ericamera/sagebrush/Salix community, 37°29.163'N; -105°20.323'W	COSTILLA: 7.3 mi ENE of Ft Garland, Beekman Rd nr Hwy160	26-Aug-12		CEH
<i>Mniotype tenera</i> at MV light	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
<i>Perigonica eldana</i> riparian area along Deer Creek Canyon, 5930' elev., poplars/willow/gambel's oak	Jefferson: Deer Crk Canyon SW of Littleton W of Hogback	30-Mar-12		CEH
<i>Stretchia muricina</i> riparian area along Deer Creek Canyon, 5930' elev.	JEFFERSON: Deer Crk Canyon SW of Littleton W of Hogback	30-Mar-12		CEH
<i>Stretchia muricina</i> pine/rabbitbrush/sage assoc., taken at uv/mv trap, 6785' elev.	EAGLE: 5 mi. E of Eagle, Hwy #6 roadside at mkr. #155	09-May-12		CEH
<i>Orthosia hibisci</i> riparian area along Deer Creek Canyon, 5930' elev.	Jefferson: Deer Crk Canyon SW of Littleton W of Hogback	30-Mar-12		CEH
<i>Orthosia revicta</i> riparian area along Deer Creek Canyon, 5930' elev.	Jefferson: Deer Crk Canyon SW of Littleton W of Hogback	30-Mar-12		CEH
<i>Orthosia revicta</i> pine/rabbitbrush/sage assoc., taken at uv/mv trap, 6785' elev., 39°41.33'N; -106°44.88'W	EAGLE: 5 mi. E of Eagle, Hwy #6 roadside at mkr. #155	09-May-12		CEH
<i>Nephelodes carminata</i> at MV light	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
<i>Nephelodes minians</i> at MV light	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
<i>Anarta crotchii</i> pine/rabbitbrush/sage assoc., taken at uv/mv trap, 6785' elev., 39°41.33'N; -106°44.88'W	Eagle: 5 mi. E of Eagle, Hwy #6 roadside at mkr. #155	09-May-12		CEH
<i>Anarta oregonica</i> at uv trap, 8-11:30pm, 12219' elev., Collegiate Peaks Wilderness	Gunnison: Cottonwood Pass crest, roadside above SR 306	13-Jun-12		CEH
<i>Scotogramma fervida</i> taken at uv trap nr. Greaswood, juniper and sagebrush in dry canyon @ 5614' elev., 39°35.195'N; -107°46.344'W	GARFIELD: 4.5 mi. N of Rifle off Hwy. 13,	21-May-12		CEH
<i>Scotogramma submarina</i> taken at uv trap nr. Greaswood, juniper and sagebrush in dry canyon @ 5614' elev., 39°35.195'N; -107°46.344'W	GARFIELD: 4.5 mi. N of Rifle off Hwy. 13,	21-May-12		CEH
<i>Sideridis rosea</i> pine/rabbitbrush/sage assoc., taken at uv/mv trap, 6785' elev.	EAGLE: 5 mi. E of Eagle, Hwy #6 roadside at mkr. #155	09-May-12		CEH
<i>Sideridis uscripta</i> pine/rabbitbrush/sage assoc., taken at uv/mv trap, 6785' elev.	Eagle: 5 mi. E of Eagle, Hwy #6 roadside at mkr. #155	09-May-12		CEH
<i>Polia purpurissata</i> at MV light	Lake: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA

<i>Polia rogenhoferi</i> along alpine trail at uv trap, 8-11pm, 11900' elev., Collegiate Peaks Wilderness	Chaffee: Cottonwood Pass crest, roadside above SR 306	13-Jun-12		CEH
<i>Polia rogenhoferi</i> at uv trap, 8-11:30pm, 12219' elev., Collegiate Peaks Wilderness	Gunnison: Cottonwood Pass crest, roadside above SR 306	03-Jul-12		CEH
<i>Polia rogenhoferi</i> along alpine trail at uv trap, 8-11pm, 11900' elev., Collegiate Peaks Wilderness	Chaffee: Cottonwood Pass crest, roadside above SR 306	03-Jul-12		CEH
<i>Polia rogenhoferi</i> UV and MV lights	PARK: Rt. 285 .5 mi.N. of Kenosha Pass, West side of Rd.	25-Jul-12		DTA
<i>Melanchnra picta</i> Ericameria/Artemisia/Mentzelia community, at MV and UV lights, 7467' elev., 37°10.824'N; -105°43.837'W	Conejos: E. of Manassa, Hwy. 142 at Rio Grande River,	15-Aug-12		HTG
<i>Melanchnra pulverulenta</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N; -105°27.372'W	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	02-Jun-12	22-Jun-12	BKB
<i>Lacanobia nevadae</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	04-Jul-12		BKB
<i>Lacanobia radix</i> pine/rabbitbrush/sage assoc., taken at uv/mv trap, 6785' elev.	EAGLE: 5 mi. E of Eagle, Hwy #6 roadside at mkr. #155	09-May-12		CEH
<i>Lacanobia radix</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	05-Jun-12		BKB
<i>Lacanobia grandis</i> taken at uv trap, 9959' elev., wet open meadow	Park: 1 mi. N. of Kenosha Pass, Hwy 285 at mkr 204	06-Jun-12		CEH
<i>Lacanobia subjuncta</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	19-Jul-12		BKB
<i>Papestra quadrata</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	04-Jun-12		BKB
<i>Hadena variolata</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	01-Jul-12		BKB
<i>Hada sutrina</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N; -105°27.372'W	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	15-May-12	25-May-12	BKB
<i>Hada sutrina</i> taken at uv trap, 9959' elev., wet open meadow, 39°25.15'N; -105°45.88'W	Park: 1 mi. N. of Kenosha Pass, Hwy 285 at mkr 204	06-Jun-12		CEH
<i>Hada sutrina</i> along alpine trail at uv trap, 8-11pm, 11900' elev., Collegiate Peaks Wilderness	Chaffee: 0.4 mi E. below Cottonwood Pass SR 306,	13-Jun-12		CEH
<i>Faronta diffusa</i> at u.v. light	Douglas: Indian Cr CG, Rt 67, 7590'	24-Jul-12		KMR
<i>Leucania anteoclara</i> at MV light	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
<i>Lasionycta conjugata</i> along alpine trail at uv trap, 8-11pm, 11900' elev., Collegiate Peaks Wilderness	Chaffee: Cottonwood Pass crest, roadside above SR 306	13-Jun-12		CEH
<i>Lasionycta discolor</i> taken at uv & mv lights, San Isabel NF, 12112' elev., 39°06.518'N; -106°33.899'W	PITKIN: Independence Pass, roadside at crest of pass	20-Jun-12		CEH
<i>Lasionycta impingens</i> in daylight	CLEAR CREEK: 0.5 mi S Loveland Pass, 12,300'	26-Jul-12		KMR
<i>Lasionycta perplexa</i> taken at uv trap, 9959' elev., wet open meadow, 39°25.15'N; -105°45.88'W	Park: 1 mi. N. of Kenosha Pass, Hwy 285 at mkr 204	06-Jun-12		CEH
<i>Lasionycta promulsa</i> at uv trap, 8-11:30pm, 12219' elev., Collegiate Peaks Wilderness	Gunnison: Cottonwood Pass crest, roadside above SR 306,	13-Jun-12		CEH
<i>Lasionycta promulsa</i> along alpine trail at uv trap, 8-11pm, 11900' elev., Collegiate Peaks Wilderness	Chaffee: Cottonwood Pass crest, roadside above SR 306	13-Jun-12		CEH
<i>Lasionycta promulsa</i> taken at uv & mv lights, San Isabel NF, 12112' elev., 39°06.518'N; -106°33.899'W	PITKIN: Independence Pass, roadside at crest of pass	20-Jun-12		CEH
<i>Lasionycta subfuscula</i> taken at uv & mv lights, San Isabel NF, 12112' elev.	PITKIN: Independence Pass, roadside at crest of pass	20-Jun-12		CEH
<i>Lasionycta uniformis</i> taken at uv & mv lights, San Isabel NF, 12112' elev.	PITKIN: Independence Pass, roadside at crest of pass	20-Jun-12		CEH
<i>Lacinipolia olivacea</i> UV and MV lights	Park: Rt. 285 .5 mi.N. of Kenosha Pass, West side of Rd.	25-Jul-12		DTA
<i>Lacinipolia olivacea</i> at MV light	Lake: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
<i>Lacinipolia strigicollis</i> at u.v. light	Jefferson: Waterton Rd, Chatfield SP, 5500'	23-Jul-12		KMR
<i>Trichocerapoda oblita</i> along Sangre de Cristo Crk., Ericamera/sagebrush/Salix community, 37°29.515'N; -105°20.339'W	COSTILLA: 7.5 mi ENE of Ft Garland, Beekman Rd nr Hwy160	26-Aug-12		CEH
<i>Trichocerapoda oblita</i> along Sangre de Cristo Crk., Ericamera/sagebrush/Salix community, 37°29.163'N; -105°20.323'W	Costilla: 7.3 mi ENE of Ft Garland, Beekman Rd nr Hwy160	26-Aug-12		CEH
<i>Neleucania patricia</i> UV and MV lights	Park: Rt. 285 .5 mi.N. of Kenosha Pass, West side of Rd.	25-Jul-12		DTA
<i>Neleucania patricia</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elv	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	28-Jul-12		BKB

<i>Neleucania praegracilis</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N; -105°27.372'W	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	15-Jun-12	20-Jun-12	BKB
<i>Neleucania praegracilis</i> at u.v. light	Jefferson: Waterton Rd, Chatfield SP, 5500'	23-Jul-12		KMR
<i>Neleucania praegracilis</i> at u.v. light	Douglas: Indian Cr CG, Rt 67, 7590'	24-Jul-12		KMR
<i>Neleucania praegracilis</i> at MV light	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
<i>Hydrociodes serrata</i> at MV light	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
<i>Anicla exuberans</i> at u.v. light	Jefferson: Waterton Rd, Chatfield SP, 5500'	23-Jul-12		KMR
<i>Dichagyris longidens</i> Ericameria/Artemisia/Mentzelia community, at MV and UV lights, 7467' elev., 37°10.824'N; -105°43.837'W	CONEJOS: E. of Manassa, Hwy. 142 at Rio Grande River,	15-Aug-12		HTG
<i>Dichagyris ruckesi</i> Ericameria/Artemisia/Mentzelia community, at MV and UV lights, 7467' elev., 37°10.824'N; -105°43.837'W	CONEJOS: E. of Manassa, Hwy. 142 at Rio Grande River,	15-Aug-12		HTG
<i>Copablepharon albisericea</i> at uv trap	Weld: Roggen, 3.5 mi N on CR 386, 4650'	26-Jul-12		KMR
<i>Copablepharon grandis</i> taken at uv trap nr. Greaswood, juniper and sagebrush in dry canyon @ 5614' elev., 39°35.195'N; -107°46.344'W	GARFIELD: 4.5 mi. N of Rifle off Hwy. 13,	21-May-12		CEH
<i>Copablepharon longipenne</i> at uv trap	Weld: Roggen, 3.5 mi N on CR 386, 4650'	26-Jul-12		KMR
<i>Protogygia pallida</i> taken at uv trap nr. Greaswood, juniper and sagebrush in dry canyon @ 5614' elev., 39°35.195'N; -107°46.344'W	GARFIELD: 4.5 mi. N of Rifle off Hwy. 13,	21-May-12		CEH
<i>Euxoa adumbrata</i> at uv trap, 8-11:30pm, 12219' elev., Collegiate Peaks Wilderness, 38°49.681'W; -106°24.556'W	Gunnison: Cottonwood Pass crest, roadside above SR 306,	13-Jun-12		CEH
<i>Euxoa auxiliaris</i> taken at uv lights, San Isabel NF, 11942' elev., 39°06.366'N; -106°33.196'W	Lake: Independence Pass nr treeline at switchback Hwy82	20-Jun-12		CEH
<i>Euxoa auxiliaris</i> UV and MV lights	Park: Rt. 285 .5 mi.N. of Kenosha Pass, West side of Rd.	25-Jul-12		DTA
<i>Euxoa auxiliaris</i> along Sangre de Cristo Crk., Ericamera/sagebrush/Salix community, 37°29.429'N; -105°20.336'W	Costilla: 7.5 mi ENE of Ft Garland, Beekman Rd nr Hwy160	26-Aug-12		CEH
<i>Euxoa castanea</i> UV and MV lights	Park: Rt. 285 .5 mi.N. of Kenosha Pass, West side of Rd.	25-Jul-12		DTA
<i>Euxoa catenula</i> Ericameria/Artemisia/Mentzelia community, at MV and UV lights, 7467' elev., 37°10.824'N; -105°43.837'W	CONEJOS: E. of Manassa, Hwy. 142 at Rio Grande River,	15-Aug-12		HTG
<i>Euxoa catenula</i> along Sangre de Cristo Crk., Ericamera/sagebrush/Salix community, 37°29.429'N; -105°20.336'W	COSTILLA: 7.4 mi ENE of Ft Garland, Beekman Rd nr Hwy160	26-Aug-12		CEH
<i>Euxoa cicatricosa</i> along Sangre de Cristo Crk., Ericamera/sagebrush/Salix community, 37°29.429'N; -105°20.336'W	COSTILLA: 7.4 mi ENE of Ft Garland, Beekman Rd nr Hwy160	26-Aug-12		CEH
<i>Euxoa cinereopallida</i> along Sangre de Cristo Crk., Ericamera/sagebrush/Salix community, 37°29.429'N; -105°20.336'W	COSTILLA: 7.4 mi ENE of Ft Garland, Beekman Rd nr Hwy160	26-Aug-12		CEH
<i>Euxoa citricolor</i> along Sangre de Cristo Crk., Ericamera/sagebrush/Salix community, 37°29.429'N; -105°20.336'W	COSTILLA: 7.4 mi ENE of Ft Garland, Beekman Rd nr Hwy160	26-Aug-12		CEH
<i>Euxoa comosa</i> UV and MV lights	Park: Rt. 285 .5 mi.N. of Kenosha Pass, West side of Rd.	25-Jul-12		DTA
<i>Euxoa comosa</i> at uv trap	CLEAR CREEK: Loveland Ski area, I-70 & Rt 6, 10,800'	25-Jul-12		KMR
<i>Euxoa comosa</i> at MV light	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
<i>Euxoa comosa</i> along Sangre de Cristo Crk., Ericamera/sagebrush/Salix community, 37°29.429'N; -105°20.336'W	COSTILLA: 7.4 mi ENE of Ft Garland, Beekman Rd nr Hwy160	26-Aug-12		CEH
<i>Euxoa declarata</i> at u.v. light	Douglas: Indian Cr CG, Rt 67, 7590'	24-Jul-12		KMR
<i>Euxoa flavicollis</i> UV and MV lights	Park: Rt. 285 .5 mi.N. of Kenosha Pass, West side of Rd.	25-Jul-12		DTA
<i>Euxoa flavidens</i> at u.v. light	Douglas: Indian Cr CG, Rt 67, 7590'	24-Jul-12		KMR
<i>Euxoa flavidens</i> at uv trap	CLEAR CREEK: Loveland Ski area, I-70 & Rt 6, 10,800'	27-Jul-12		KMR
<i>Euxoa flavidens</i> at MV light	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
<i>Euxoa laetificans</i> at MV light	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
<i>Euxoa lewisi</i> at u.v. trap	CLEAR CREEK: Loveland Ski area, I-70 & Rt 6, 10,800'	25-Jul-12		KMR
<i>Euxoa lineifrons</i> along Sangre de Cristo Crk., Ericamera/sagebrush/Salix community, 37°29.429'N; -105°20.336'W	COSTILLA: 7.4 mi ENE of Ft Garland, Beekman Rd nr Hwy160	26-Aug-12		CEH

Euxoa maimes along Sangre de Cristo Crk., Ericamera/sagebrush/Salix community, 37°29.429'N; -105°20.336'W	COSTILLA: 7.4 mi ENE of Ft Garland, Beekman Rd nr Hwy160	26-Aug-12		CEH
Euxoa messoria UV and MV lights	Park: Rt. 285 .5 mi.N. of Kenosha Pass, West side of Rd.	25-Jul-12		DTA
Euxoa mimallonis along Sangre de Cristo Crk., Ericamera/sagebrush/Salix community, 37°29.429'N; -105°20.336'W	COSTILLA: 7.4 mi ENE of Ft Garland, Beekman Rd nr Hwy160	26-Aug-12		CEH
Euxoa misturata Ericameria/Artemisia/Mentzelia community, at MV and UV lights, 7467' elev., 37°10.824'N; -105°43.837'W	Conejos: E. of Manassa, Hwy. 142 at Rio Grande River,	15-Aug-12		HTG
Euxoa misturata along Sangre de Cristo Crk., Ericamera/sagebrush/Salix community, 37°29.515'N; -105°20.339'W	Costilla: 7.5 mi ENE of Ft Garland, Beekman Rd nr Hwy160	26-Aug-12		CEH
Euxoa misturata Ericamera/sage/Mentzelia, 37°29.657'N; -105°20.187'W	COSTILLA: 8 mi. ENE of Ft. Garland, Hwy 160 at Beekman Rd.	26-Aug-12		CEH
Euxoa oblongistigma at MV light	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
Euxoa oblongistigma along Sangre de Cristo Crk., Ericamera/sagebrush/Salix community, 37°29.163'N; -105°20.323'W	COSTILLA: 7.3 mi ENE of Ft Garland, Beekman Rd nr Hwy160	26-Aug-12		CEH
Euxoa olivalis at MV light	Lake: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
Euxoa quadridentata along Sangre de Cristo Crk., Ericamera/sagebrush/Salix community, 37°29.429'N; -105°20.336'W	COSTILLA: 7.4 mi ENE of Ft Garland, Beekman Rd nr Hwy160	26-Aug-12		CEH
Euxoa redimicula UV and MV lights	Park: Rt. 285 .5 mi.N. of Kenosha Pass, West side of Rd.	25-Jul-12		DTA
Euxoa ridingsiana UV and MV lights	Park: Rt. 285 .5 mi.N. of Kenosha Pass, West side of Rd.	25-Jul-12		DTA
Euxoa rufula UV and MV lights	Park: Rt. 285 .5 mi.N. of Kenosha Pass, West side of Rd.	25-Jul-12		DTA
Euxoa satiens along Sangre de Cristo Crk., Ericamera/sagebrush/Salix community, 37°29.429'N; -105°20.336'W	COSTILLA: 7.4 mi ENE of Ft Garland, Beekman Rd nr Hwy160	26-Aug-12		CEH
Euxoa servita at MV light	Lake: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
Euxoa teleboa along Sangre de Cristo Crk., Ericamera/sagebrush/Salix community, 37°29.429'N; -105°20.336'W	COSTILLA: 7.4 mi ENE of Ft Garland, Beekman Rd nr Hwy160	26-Aug-12		CEH
Euxoa xasta Ericameria/Artemisia/Mentzelia community, at MV and UV lights, 7467' elev., 37°10.824'N; -105°43.837'W	CONEJOS: E. of Manassa, Hwy. 142 at Rio Grande River,	15-Aug-12		HTG
Euxoa xasta along Sangre de Cristo Crk., Ericamera/sagebrush/Salix community, 37°29.429'N; -105°20.336'W	COSTILLA: 7.4 mi ENE of Ft Garland, Beekman Rd nr Hwy160	26-Aug-12		CEH
Feltia herilis UV and MV lights	JEFFERSON: 4.5 mi. N on Deer Creek Canyon Rd	22-Jul-12		DTA
Feltia jaculifera UV and MV lights	Park: Rt. 285 .5 mi.N. of Kenosha Pass, West side of Rd.	25-Jul-12		DTA
Agrotis vancouverensis UV and MV lights	Park: Rt. 285 .5 mi.N. of Kenosha Pass, West side of Rd.	25-Jul-12		DTA
Agrotis vetusta along Sangre de Cristo Crk., Ericamera/sagebrush/Salix community, 37°29.515'N; -105°20.339'W	COSTILLA: 7.5 mi ENE of Ft Garland, Beekman Rd nr Hwy160	26-Aug-12		CEH
Noctua pronuba taken at uv lights, San Isabel NF, 11942' elev., 39°06.366'N; -106°33.196'W	LAKE: 0.5 mi E of Independence Pass at switchback Hwy82	20-Jun-12		CEH
Noctua pronuba Ericameria/Artemisia/Mentzelia community, at MV and UV lights, 7467' elev., 37°10.824'N; -105°43.837'W	CONEJOS: E. of Manassa, Hwy. 142 at Rio Grande River,	15-Aug-12		HTG
Noctua pronuba along Sangre de Cristo Crk., Ericamera/sagebrush/Salix community, 37°29.515'N; -105°20.339'W	COSTILLA: 7.5 mi ENE of Ft Garland, Beekman Rd nr Hwy160	26-Aug-12		CEH
Eurois stricta UV and MV lights	Park: Rt. 285 .5 mi.N. of Kenosha Pass, West side of Rd.	25-Jul-12		DTA
Eurois stricta at MV light	Lake: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
Eurois nigra UV and MV lights	Park: Rt. 285 .5 mi.N. of Kenosha Pass, West side of Rd.	25-Jul-12		DTA
Eurois occulta UV and MV lights	Park: Rt. 285 .5 mi.N. of Kenosha Pass, West side of Rd.	25-Jul-12		DTA
Graphiphora augur at MV light	Lake: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
Anaplectoides prasina UV and MV lights	Jefferson: 4.5 mi. N on Deer Creek Canyon Rd.	22-Jul-12		DTA
Xestia bolteri taken at uv & mv lights, 7950' elev., 39°24.38'N; -105°28.67'W	Park : downtown Bailey, Hwy. #285/ Post Office lights	21-Jun-12		CEH
Xestia oblata UV and MV lights	Park: Rt. 285 .5 mi.N. of Kenosha Pass, West side of Rd.	25-Jul-12		DTA
Xestia oblata at MV light	Lake: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA

<i>Xestia vernalis</i> along Sangre de Cristo Crk., Ericamera/sagebrush/Salix community, 37°29.429'N; -105°20.336'W	COSTILLA: 7.4 mi ENE of Ft Garland, Beekman Rd nr Hwy160	26-Aug-12		CEH
<i>Agnorisma bugrai</i> UV and MV lights	Park: Rt. 285 .5 mi.N. of Kenosha Pass, West side of Rd.	25-Jul-12		DTA
<i>Protolampra rufipectus</i> at MV light	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
<i>Abagrotis nanalis</i> along Sangre de Cristo Crk., Ericamera/sagebrush/Salix community, 37°29.163'N; -105°20.323'W	COSTILLA: 7.3 mi ENE of Ft Garland, Beekman Rd nr Hwy160	26-Aug-12		CEH
<i>Abagrotis placida</i> at MV light	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
<i>Abagrotis reedi</i> at MV light	LAKE: Twin Lakes, Mt. Elbert Lodge, 9750' elev.	30-Jul-12	31-Jul-12	VXA
<i>Abagrotis vittifrons</i> along Sangre de Cristo Crk., Ericamera/sagebrush/Salix community, 37°29.163'N; -105°20.323'W	COSTILLA: 7.3 mi ENE of Ft Garland, Beekman Rd nr Hwy160	26-Aug-12		CEH
<i>Tarache toddi toddi</i> taken at uv trap nr. Greaswood, juniper and sagebrush in dry canyon @ 5614' elev., 39°35.195'N; -107°46.344'W	GARFIELD: 4.5 mi. N of Rifle off Hwy. 13,	21-May-12		CEH

EREBIDAE

<i>Cisthene barnesii</i> at u.v. light	Douglas: Indian Cr CG, Rt 67, 7590'	24-Jul-12		KMR
<i>Holomelina aurantiaca</i> at u.v. light	Douglas: Indian Cr CG, Rt 67, 7590'	24-Jul-12		KMR
<i>Grammia phyllira</i> at u.v. light	Jefferson: Waterton Rd, Chatfield SP, 5500'	23-Jul-12		KMR
<i>Spilosoma vagans</i> pine/rabbitbrush/sage assoc., taken at uv/mv trap, 6785' elev., 39°41.33'N; -106°44.88'W	EAGLE: 5 mi. E of Eagle, Hwy #6 roadside at mkr. #155	09-May-12		CEH
<i>Pygarctia spraguei</i> at uv trap	Weld: Roggen, 2.5 mi N on CR 386, 4680'	28-Jul-12		KMR
<i>Lophocampa roseata</i> oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF, 38°28.60'N; -106°05.26'W	Chaffee: 2mi S of Poncha Springs, Hwy285 mkr124	06-Jun-12		CEH
<i>Lophocampa roseata</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N; -105°27.372'W	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	17-Jun-12	10-Jul-12	BKB
<i>Platarctia parthenos</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N; -105°27.372'W	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	12-Jun-12	20-Jun-12	BKB
<i>Hypena humuli</i> riparian area along Deer Creek Canyon, 5930' elev., poplars/willow/gambel's oak, 39°33.07'N, -105°08.36'W	Jefferson: Deer Crk Canyon SW of Littleton W of Hogback	30-Mar-12		CEH
<i>Phoberia ingenua</i> riparian area along Deer Creek Canyon, 5930' elev., poplars/willow/gambel's oak, 39°33.07'N, -105°08.36'W	JEFFERSON: Deer Crk Canyon SW of Littleton W of Hogback	30-Mar-12		CEH
<i>Cissusa valens</i> riparian area along Deer Creek Canyon, 5930' elev., poplars/willow/gambel's oak, 39°33.07'N, -105°08.36'W	JEFFERSON: Deer Crk Canyon SW of Littleton W of Hogback	30-Mar-12		CEH
<i>Drasteria hastingsii</i> at u.v. light	Weld: Roggen, 3.5 mi N on CR 386, 4650'	26-Jul-12		KMR
<i>Drasteria inepta</i> UV and MV lights	Jefferson: 4.5 mi. N on Deer Creek Canyon Rd	22-Jul-12		DTA
<i>Drasteria perplexa</i> taken at uv trap nr. Greaswood, juniper and sagebrush in dry canyon @ 5614' elev., 39°35.195'N; -107°46.344'W	GARFIELD: 4.5 mi. N of Rifle off Hwy. 13,	21-May-12		CEH
<i>Tathorhynchus exsuccatus</i> UV and MV lights	PARK: Rt. 285 .5 mi.N. of Kenosha Pass, West side of Rd.	25-Jul-12		DTA
<i>Catocala aholibah</i> at u.v. light	Douglas: Indian Cr CG, Rt 67, 7590'	24-Jul-12		KMR
<i>Catocala grotiana</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N; -105°27.372'W	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	09-Aug-12	04-Sep-12	BKB

MONTANA

Steve Kohler presented a report including 3 county records for butterflies. Nancy Silver has added several photographic records of butterflies and moths across western Montana. Bob Martin added 359 county records for moths from his home in Helena and from several new sites in the region. Many of Bob's photographic records may also represent good State records, but cannot be counted as such without having vouchered specimens.

Butterflies

HESPERIIDAE

<i>Epargyreus clarus</i>	Mineral: W of Superior, Keystone Gulch at Old Hwy. 10,	12-Jun-12		SJK
<i>Pholisora catullus</i> Photographic record.	Yellowstone: Pictograph Cave SP,	05-May-12		NS
<i>Thymelicus lineola</i>	Sanders: near Rainbow Lake,	25-Jun-12		SJK
<i>Thymelicus lineola</i>	MINERAL: W of Superior, Keystone Gulch,	11-Jul-12		SJK
<i>Thymelicus lineola</i>	Mineral: near Cabin City, 12-Mile Creek Road,	17-Jul-12		SJK

PAPILIONIDAE

<i>Papilio indra</i>	Lewis & Clark: Beartooth Game Range, Elkhorn Range	07-Jun-12		SJK
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<i>Papilio machaon bairdii</i>	Mineral: W of Superior, Keystone Gulch at Old Hwy. 10,	12-Jun-12	SJK
<i>Papilio multicaudata</i> Photographic record.	Jefferson: 5 mi. S of East Helena, along Prickly Pear Crk.,	19-May-12	NS
<i>Papilio zelicaon</i> Photographic record.	Jefferson: Lump Gulch Road, 6 mi. NE of Park Lake,	16-Jun-12	NS
<i>Parnassius smintheus</i> Photographic record.	Jefferson: Whitehouse Cmpgrd.,	30-Jun-12	NS
PIERIDAE			
<i>Neophasia menapia</i> Photographic record.	Jefferson: Thunderbolt Creek, 2 mi. N of Whitehorse Cmpgrd.,	18-Aug-12	07-Sep-12 NS
<i>Pontia beckerii</i>	Lewis & Clark: Beartooth Game Range, Elkhorn Range	07-Jun-12	SJK
<i>Pontia occidentalis</i> Photographic record.	Glacier: Glacier NP, Logan Pass,	21-Sep-12	NS
<i>Anthocharis sara</i> Photographic record.	Jefferson: Lump Gulch Road, 6 mi. NE of Park Lake,	16-Jun-12	NS
LYCAENIDAE			
<i>Lycaena helloides</i> Photographic record.	Jefferson: Thunderbolt Creek, 2 mi. N of Whitehorse Cmpgrd.,	21-Jul-12	NS
<i>Lycaena heteronea</i> Photographic record.	Jefferson: Thunderbolt Creek, 2 mi. N of Whitehorse Cmpgrd.,	21-Jul-12	NS
<i>Satyrrium californicum</i>	Gallatin: 7 mi. S of Logan, Madison Buffalo Jump,	21-Jun-12	SJK
<i>Cupido amyntula</i>	MINERAL: NW of Superior, 3 mi. up Keystone Gulch,	12-Jun-12	SJK
<i>Celastrina echo</i> Photographic record.	Lewis & Clark: 5 mi. S of East Helena, along Prickly Pear Crk.,	10-Apr-12	NS
<i>Glaucoopsyche piasus</i>	Mineral: W of Superior, Keystone Gulch at Old Hwy. 10,	12-Jun-12	SJK
NYMPHALIDAE			
<i>Coenonympha haydenii</i> Photographic record.	Jefferson: Lump Gulch Road, 6 mi. NE of Park Lake,	20-Jun-12	NS
<i>Cercyonis oetus</i> Photographic record.	Jefferson: Thunderbolt Creek, 2 mi. N of Whitehorse Cmpgrd.,	21-Jul-12	NS
<i>Cercyonis pegala</i> Photographic record.	Broadwater: Fairview Cemetery,	14-Jul-12	NS
<i>Erebia epipsodea</i> Photographic record.	Powell: Priest Pass,	14-Jun-12	NS
<i>Erebia epipsodea</i> Photographic record.	Missoula: Cold Creek, Flathead National Forest	23-Jun-12	NS
<i>Euptoieta claudia</i> Photographic record.	Lewis & Clark: Helena city limits, Mt. Helena City Park,	17-Sep-12	NS
<i>Speyeria hesperis</i> Photographic record.	Lewis & Clark: Aspen Grove Cmpgrd.,	28-Jul-12	NS
<i>Speyeria mormonia</i> Photographic record.	Lewis & Clark: Helena NF, 1 mi. S of Lewis & Clark Pass,	02-Aug-12	NS
<i>Speyeria mormonia</i> Photographic record.	Judith Basin: FR 487, 8 mi. S of Indian Hill Cmpgrd.,	11-Aug-12	NS
<i>Vanessa atalanta</i> Photographic record.	Glacier: Glacier NP, St. Mary's Cmpgrd.,	22-Sep-12	NS
<i>Vanessa cardui</i> Photographic record.	Lewis & Clark: Helena city limits, Mt. Helena City Park,	09-Sep-12	NS
<i>Vanessa cardui</i> Photographic record.	Flathead: Glacier NP, Lake McDonald Lodge,	23-Sep-12	NS
<i>Aglais milberti</i> Photographic record. early record	Jefferson: 5 mi. S of East Helena, along Prickly Pear Crk.,	27-Feb-12	NS
<i>Aglais milberti</i> Photographic record.	Lewis & Clark: Helena city limits, Mt. Helena City Park,	17-Sep-12	NS
<i>Aglais milberti</i> Photographic record.	Glacier: Glacier NP, Logan Pass,	21-Sep-12	NS
<i>Nymphalis antiopa</i> Photographic record.	Deer Lodge: Warm Springs WMA,	21-Apr-12	NS
<i>Nymphalis antiopa</i> Photographic record.	Powell: Priest Pass,	14-Jun-12	NS
<i>Nymphalis antiopa</i> Photographic record.	Jefferson: 5 mi. W of Whitehouse Cmpgrd.	30-Jun-12	NS
<i>Nymphalis antiopa</i> Photographic record.	Lewis & Clark: Alice Creek, 6 mi. N of Hwy. 200	02-Aug-12	NS
<i>Nymphalis californica</i> Photographic record.	Granite: Rock Creek, 10 mi. S of Hwy. I-90,	26-Sep-12	NS

<i>Polygonia faunus</i> Photographic record.	Flathead: Flathead NF, Cold Creek,	23-Jun-12	NS
<i>Polygonia gracilis</i> Photographic record.	Lewis & Clark: Helena city limits, Mt. Helena City Park,	20-Apr-12	NS
<i>Chlosyne acastus</i>	MADISON: 6 mi. E of Norris, Beartrap Canyon,	21-Jun-12	SJK
<i>Chlosyne palla</i> Photographic record.	Powell: Priest Pass,	14-Jun-12	NS
<i>Phyciodes cocyta</i> Photographic record.	Meagher: Camp Baker,	15-Jul-12	NS
<i>Phyciodes pulchella</i> Photographic record.	Meagher: Camp Baker,	15-Jul-12	NS
<i>Euphydryas editha</i> Photographic record.	Jefferson: 5 mi. S of East Helena, along Prickly Pear Crk.,	19-May-12	NS

Moths

CRAMBIDAE

<i>Agriphila plumbifimbriella</i> photo documentation at uv lights,	LEWIS & CLARK: East Helena, 414 1/2 East Clark, 46°35.38' N; -111°54.933' W	06-Jul-11	RAM
<i>Catoptria latiradiella</i> photo documentation at uv lights,	LAKE: Melita Island, Flathead Lake, 47°49.250' N; -114°13.8618' W	08-Aug-12	RAM
<i>Catoptria oregonica</i> photo documentation at uv lights,	LEWIS & CLARK: 10 miles N of Lincoln, Copper Creek 47°05.112' N; -112°40.866' W	04-Aug-11	RAM
<i>Choristostigma elegantalis</i> photo documentation at uv lights,	LEWIS & CLARK: East Helena, 414 1/2 East Clark, 46°35.38' N; -111°54.933' W	27-Jul-10	RAM
<i>Chrysoteuchia topiaria</i> photo documentation at uv lights,	LEWIS & CLARK: East Helena, 414 1/2 East Clark, 46°35.38' N; -111°54.933' W	03-Jul-11	RAM
<i>Cornifrons actualis</i> photo documentation at uv lights,	LEWIS & CLARK: East Helena, 414 1/2 East Clark, 46°35.38' N; -111°54.933' W	09-Aug-11	RAM
<i>Cosipara tricoloralis</i> photo documentation at uv lights,	MISSOULA: 5 miles W of Condon, South Fork Cold Creek 47°32.040' N; -113°48.060' W	29-Jul-12	RAM
<i>Crambus ainliellus</i> photo documentation at uv lights,	LEWIS & CLARK: East Helena, 414 1/2 East Clark, 46°35.38' N; -111°54.933' W	18-Sep-10	RAM
<i>Crambus albellus</i> photo documentation at uv lights,	LEWIS & CLARK: East Helena, 414 1/2 East Clark, 46°35.38' N; -111°54.933' W	04-Aug-12	RAM
<i>Crambus leachellus</i> photo documentation at uv lights,	MISSOULA: Council Groves State Monument, 46°54.385' N; -114°09.701' W	22-Sep-11	RAM
<i>Crambus pascuellus</i> photo documentation at uv lights,	LEWIS & CLARK: East Helena, 414 1/2 East Clark, 46°35.38' N; -111°54.933' W	18-Jul-10	RAM
<i>Crambus unistriatellus</i> photo documentation at uv lights,	LEWIS & CLARK: East Helena, 414 1/2 East Clark, 46°35.38' N; -111°54.933' W	21-Jul-12	RAM
<i>Eudonia rectilinea</i> photo documentation at uv lights,	LAKE: Melita Island, Flathead Lake, 47°49.250' N; -114°13.8618' W	03-Aug-12	RAM
<i>Eudonia spaldingalis</i> photo documentation at uv lights,	LEWIS & CLARK: East Helena, 414 1/2 East Clark, 46°35.38' N; -111°54.933' W	14-Aug-10	RAM
<i>Eudonia spenceri</i> photo documentation at uv lights,	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch 46°47.8932' N; -111°47.700' W	02-Sep-12	RAM
<i>Eudonia torniplagalus</i> photo documentation at uv lights,	LEWIS & CLARK: East Helena, 414 1/2 East Clark, 46°35.38' N; -111°54.933' W	20-Jul-11	RAM
<i>Evergestis subterminalis</i> photo documentation at uv lights,	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch 46°47.8932' N; -111°47.700' W	19-Jul-11	RAM
<i>Evergestis subterminalis</i> Photographic record.	Lewis & Clark: Helena city limits, 4100' elev.,	08-Jul-12	NS
<i>Evergestis vinctalis</i> photo documentation at uv lights,	LEWIS & CLARK: East Helena, 414 1/2 East Clark, 46°35.38' N; -111°54.933' W	06-Jun-11	RAM
<i>Fumibotys fumalis</i> photo documentation at uv lights,	MISSOULA: 5 miles W of Condon, South Fork Cold Creek 47°32.040' N; -113°48.060' W	29-Jul-12	RAM
<i>Gesneria centuriella</i> photo documentation at uv lights,	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch 46°47.8932' N; -111°47.700' W	22-Jun-12	RAM
<i>Loxostege cereralis</i> photo documentation at uv lights,	MISSOULA: Council Groves State Monument, 46°54.385' N; -114°09.701' W	22-Sep-12	RAM
<i>Loxostege lepidalis</i> collected by USFS Wildlife Biologist,	ROSEBUD: Ashland, Ashland District Ranger Station Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W	16-Jun-12	RAM
<i>Mecyna mustelinalis</i> photo documentation at uv lights,	LEWIS & CLARK: 12 miles E of Lincoln, jct. of Hwy 200 and Hwy 27 47°01.2840' N; -112°28.050' W	12-Jul-12	RAM
<i>Mutuuraia mysippusalis</i> photo documentation at uv lights,	LEWIS & CLARK: East Helena, 414 1/2 East Clark, 46°35.38' N; -111°54.933' W	23-Jun-10	RAM
<i>Neodactria luteolella</i> collected by USFS Wildlife Biologist,	ROSEBUD: Ashland, Ashland District Ranger Station Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W	16-Jun-12	RAM

Nomophila nearctica	ROSEBUD: Ashland, Ashland District Ranger Station	13-Jun-12	RAM
collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W			
Palpita magniferalis	ROSEBUD: Ashland, Ashland District Ranger Station	10-Apr-12	RAM
collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W			
Pediasia dorsipunctella	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	12-Aug-11	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
Pediasia trisecta	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	18-Aug-12	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
Perispasta caeculalis	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	18-Jul-11	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
Petrophila confusalis	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch	25-Jul-12	RAM
photo documentation at uv lights, 46°47.8932'N; -111°47.700'W			
Petrophila kearfottalis	ROSEBUD: Ashland, Ashland District Ranger Station	16-Jun-12	RAM
collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W			
Prorasea praeia	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	21-Jul-10	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
Prorasea sideralis	JEFFERSON: 5 miles E of Leadville, Thunderbolt Creek	22-Jul-12	RAM
photo documentation at uv lights, 46°16.914'N; -112°28.4754'W			
Pyrausta plagalis plagalis	ROSEBUD: Ashland, Ashland District Ranger Station	13-Jul-12	RAM
collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W			
Pyrausta fodinalis	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	26-Jun-12	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
Pyrausta grotei	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	09-Jul-11	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
Pyrausta nicalis	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	28-Jun-11	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
Pyrausta subsequalis	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	25-Jul-12	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
Pyrausta subsequalis borealis	ROSEBUD: Ashland, Ashland District Ranger Station	13-Jun-12	RAM
collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W			
Pyrausta unifascialis	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch	19-Jul-11	RAM
photo documentation at uv lights, 46°47.8932'N; -111°47.700'W			
Saucrobotys fumoferalis	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	23-Jun-11	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
Scoparia biplagialis	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	01-Aug-11	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
Sitochroa chortalis	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	02-Jul-10	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
Stegea salutalis	ROSEBUD: Ashland, Ashland District Ranger Station	24-Jul-12	RAM
collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W			
Thaumatopsis pexella	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	09-Sep-10	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
Udea radiosalis	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	09-Jul-12	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
Udea turmalis	LEWIS & CLARK: 10 miles N of Lincoln, Copper Creek	04-Aug-11	RAM
photo documentation at uv lights, 47°05.112'N; -112°40.866'W			
PYRALIDAE			
Aglossa pinguinalis	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	26-Jun-10	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
Hypsopygia olinalis	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	01-Jul-12	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
Hypsopygia olinalis	Lewis & Clark: Helena city limits, 4100' elev.,	08-Jul-12	NS
Photographic record.			
Acrobasis tricolorella	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	27-Jul-10	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
Myelopsis minutularia	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	24-Jul-11	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
Apomyelois bistratella	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	02-Jul-12	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
Pima albiplagiata	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	08-May-12	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
Pima fosterella	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	16-Jun-11	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
Interjectio niwiella	MISSOULA: 5 miles W of Condon, South Fork Cold Creek	29-Jul-12	RAM
photo documentation at uv lights, 47°32.040' N; -113°48.060' W			
Catastia actualis	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	28-Jun-11	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			

<i>Telethusia ovalis</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	09-Jul-10	RAM
<i>Pyla aenigmatica</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	17-Jun-12	RAM
<i>Pyla aequivoca</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	23-Aug-11	RAM
<i>Pyla fusca</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch photo documentation at uv lights, 46°47.8932'N; -111°47.700'W	04-Aug-12	RAM
<i>Pyla impostor</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	18-Jun-12	RAM
<i>Dioryctria abietivorella</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	23-Jul-11	RAM
<i>Dioryctria albivittella</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek photo documentation at uv lights, 47°32.040' N; -113°48.060' W	27-Aug-12	RAM
<i>Dioryctria auranticella</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	29-Jul-12	RAM
<i>Dioryctria ponderosae</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	21-Aug-11	RAM
<i>Dioryctria pseudotsugella</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	10-May-12	RAM
<i>Dioryctria reniculelloides</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	20-Jul-11	RAM
<i>Dioryctria rossi</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	30-Jul-11	RAM
<i>Hulstia undulatella</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	01-Sep-12	RAM
<i>Honora mellinella</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	21-Aug-12	RAM
<i>Canarsia ulmiarrosorella</i>	ROSEBUD: Ashland, Ashland District Ranger Station collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W	01-May-12	RAM
<i>Dolichomia thymetusalis</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek photo documentation at uv lights, 47°32.040' N; -113°48.060' W	29-Jul-12	RAM
<i>Phycitodes albatella mucidella</i>	PHILLIPS: Malta, photo documentation at uv lights, 48°21.3864'N; -107°52.9716'W	07-Jun-12	RAM
<i>Phycitodes albatella reliquella</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	29-Sep-11	RAM
<i>Zophodia grossulariella</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	07-May-11	RAM
<i>Olycella subumbrella</i>	PHILLIPS: Malta, photo documentation at uv lights, 48°21.3864'N; -107°52.9716'W	07-Jun-12	RAM
<i>Ephesiodes gilvescentella</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	03-Jul-11	RAM
<i>Vitula edmandsii</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	06-Jul-12	RAM
<i>Bandera binotella</i>	ROSEBUD: Ashland, Ashland District Ranger Station collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W	24-Jul-12	RAM
CHOREUTIDAE			
<i>Caloreas apocynoglossa</i>	CARBON: W. Fork Rock Creek, Absaroka-Beartooth Wilderness ne 1/4 S24 T8S R17E; photo documentation, id ver. By Terry Harrison	18-Aug-11	RAM
COSSIDAE			
<i>Acosus centerensis</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch photo documentation at uv lights, 46°47.8932'N; -111°47.700'W	03-Jul-12	RAM
<i>Acosus populi</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch photo documentation at uv lights, 46°47.8932'N; -111°47.700'W	07-Jul-12	RAM
<i>Prionoxystus robiniae</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	14-Jun-11	RAM
TORTRICIDAE			
<i>Lobesia piceana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	09-Jul-11	RAM
<i>Endothenia albolineana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	13-Jun-12	RAM
<i>Apotomis capreana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	10-Jul-10	RAM
<i>Pseudosciaphila duplex</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	24-Jul-11	RAM
<i>Orthotaenia undulana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	03-Aug-12	RAM

<i>Olethreutes glaciana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	10-Jul-10	RAM
<i>Rhyacionia adana</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch photo documentation at uv lights, 46°47.8932' N; -111°47.700' W	14-May-12	RAM
<i>Rhyacionia frustrana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	26-Apr-12	RAM
<i>Barbara colfaxiana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	23-Apr-12	RAM
<i>Spilonota ocellana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	09-Sep-12	RAM
<i>Phaneta argenticostana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	10-May-12	RAM
<i>Phaneta artemisiana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	22-Aug-10	RAM
<i>Phaneta castrensis</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	02-Sep-12	RAM
<i>Phaneta clavana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	20-Aug-12	RAM
<i>Phaneta elongana</i>	LEWIS & CLARK: 10 miles N of Lincoln, Copper Creek photo documentation at uv lights, 47°05.112' N; -112°40.866' W	04-Jun-12	RAM
<i>Phaneta influana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	23-Jun-11	RAM
<i>Phaneta migratana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	07-Jun-11	RAM
<i>Phaneta misturana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	10-Apr-12	RAM
<i>Phaneta modicellana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	08-Jul-10	RAM
<i>Phaneta mormonensis</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	18-Jul-12	RAM
<i>Phaneta pallidarcis</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	04-Jul-11	RAM
<i>Phaneta pallidicostana</i>	ROSEBUD: Ashland, Ashland District Ranger Station collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W	04-May-12	RAM
<i>Phaneta parmatana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	01-Aug-12	RAM
<i>Phaneta parvana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	24-Apr-12	RAM
<i>Phaneta stramineana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	14-Jun-12	RAM
<i>Phaneta striatana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	27-Apr-12	RAM
<i>Eucosma agricolana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	30-Jun-12	RAM
<i>Eucosma albiguttana</i>	ROSEBUD: Ashland, Ashland District Ranger Station collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W	17-Jul-12	RAM
<i>Eucosma biquadrana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	11-Aug-12	RAM
<i>Eucosma bobana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	25-Jun-12	RAM
<i>Eucosma cataclystiana</i>	ROSEBUD: Ashland, Ashland District Ranger Station collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W	13-Jul-12	RAM
<i>Eucosma derelecta</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek photo documentation at uv lights, 47°32.040' N; -113°48.060' W	29-Jul-12	RAM
<i>Eucosma invicta</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	10-Aug-11	RAM
<i>Eucosma matutina</i>	ROSEBUD: Ashland, Ashland District Ranger Station collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W	31-May-12	RAM
<i>Eucosma mediostriata</i>	LEWIS & CLARK: 12 miles E of Lincoln, jct. of Hwy 200 and Hwy 27 photo documentation at uv lights, 47°01.2840' N; -112°28.050' W	12-Jul-12	RAM
<i>Eucosma morrisoni</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	19-Jun-11	RAM
<i>Eucosma palabundana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	11-Aug-12	RAM
<i>Eucosma ragonoti</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	14-Aug-12	RAM
<i>Eucosma ridingsana</i>	ROSEBUD: Ashland, Ashland District Ranger Station collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W	07-Aug-12	RAM

<i>Eucosma serpentana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	08-Aug-12	RAM
<i>Eucosma shastana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	30-Jun-12	RAM
<i>Eucosma smithiana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	11-Jun-11	RAM
<i>Eucosma sonomana</i>	LEWIS & CLARK: 10 miles N of Lincoln, Copper Creek photo documentation at uv lights, 47°05.112'N; -112°40.866'W	04-Jun-12	RAM
<i>Eucosma totana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	14-Aug-12	RAM
<i>Eucosma vagana</i>	ROSEBUD: Ashland, Ashland District Ranger Station collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W	07-Aug-12	RAM
<i>Pelochrista argenteana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	22-Jun-12	RAM
<i>Pelochrista corosana</i>	ROSEBUD: Ashland, Ashland District Ranger Station collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W	27-Aug-12	RAM
<i>Epiblema carolinana</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch photo documentation at uv lights, 46°47.8932'N; -111°47.700'W	09-Jul-11	RAM
<i>Epiblema periculosana</i>	LEWIS & CLARK: 12 miles E of Lincoln, jct. of Hwy 200 and Hwy 27 photo documentation at uv lights, 47°01.2840' N; -112°28.050'W	01-Jul-12	RAM
<i>Notocelia culminana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	22-Aug-11	RAM
<i>Suleima baracana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	07-Aug-12	RAM
<i>Sonia vovana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	25-Jul-12	RAM
<i>Gypsonoma fasciolana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	29-Jun-11	RAM
<i>Proteoteras aesculana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	30-Jun-11	RAM
<i>Proteoteras crescentana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	22-Jul-10	RAM
<i>Proteoteras obnigrana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	17-Jul-11	RAM
<i>Zeiraphera canadensis</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	01-Aug-12	RAM
<i>Zeiraphera unfortunana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	08-Aug-12	RAM
<i>Griselda radicana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	13-Sep-11	RAM
<i>Epinotia criddleana</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch photo documentation at uv lights, 46°47.8932'N; -111°47.700'W	04-Aug-12	RAM
<i>Epinotia kasloana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	06-Oct-11	RAM
<i>Epinotia lomonana</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch photo documentation at uv lights, 46°47.8932'N; -111°47.700'W	02-Oct-12	RAM
<i>Epinotia medioplagata</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch photo documentation at uv lights, 46°47.8932'N; -111°47.700'W	07-Jul-12	RAM
<i>Epinotia nisella</i>	LEWIS & CLARK: 12 miles E of Lincoln, jct. of Hwy 200 and Hwy 27 photo documentation at uv lights, 47°01.2840' N; -112°28.050'W	13-Aug-12	RAM
<i>Epinotia septemberana</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch photo documentation at uv lights, 46°47.8932'N; -111°47.700'W	15-Sep-12	RAM
<i>Epinotia sollicitana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	18-Aug-11	RAM
<i>Ancylys mediofasciana</i>	LEWIS & CLARK: 10 miles N of Lincoln, Copper Creek photo documentation at uv lights, 47°05.112'N; -112°40.866'W	04-Jun-12	RAM
<i>Ancylys subaequana</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek photo documentation at uv lights, 47°32.040' N; -113°48.060' W	25-Jun-12	RAM
<i>Ancylys unguicella</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch photo documentation at uv lights, 46°47.8932'N; -111°47.700'W	21-May-12	RAM
<i>Dichrorampha sedatana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	26-Jun-10	RAM
<i>Dichrorampha simulana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	15-Jun-12	RAM
<i>Dichrorampha vancouverana</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch photo documentation at uv lights, 46°47.8932'N; -111°47.700'W	07-Jul-12	RAM
<i>Pammene oclifera</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	23-Jun-12	RAM

<i>Phtheochroa aureoalbida</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	04-Jul-11	RAM
<i>Phtheochroa hospes</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	14-Aug-11	RAM
<i>Cydia piperana</i>	ROSEBUD: Ashland, Ashland District Ranger Station collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W	17-May-12	RAM
<i>Cydia pomonella</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	25-Jun-10	RAM
<i>Cydia populana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	19-Jul-12	RAM
<i>Cydia prosperana</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek photo documentation at uv lights, 47°32.040' N; -113°48.060' W	09-Jul-12	RAM
<i>Ecdytoplopha insiticiana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	07-Jul-12	RAM
<i>Acleris caliginosana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	12-Jul-12	RAM
<i>Acleris fuscana</i>	JEFFERSON: 5 miles E of Leadville, Thunderbolt Creek photo documentation at uv lights, 46°16.914'N; -112°28.4754'W	07-Sep-12	RAM
<i>Acleris hastiana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	04-May-11	RAM
<i>Acleris maccana</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch photo documentation at uv lights, 46°47.8932'N; -111°47.700'W	04-Apr-12	RAM
<i>Acleris macdunnoughi</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	24-Apr-12	RAM
<i>Acleris maximana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	11-Apr-12	RAM
<i>Acleris robinsoniana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	11-Oct-11	RAM
<i>Acleris variana</i>	LEWIS & CLARK: 12 miles E of Lincoln, jct. of Hwy 200 and Hwy 27 photo documentation at uv lights, 47°01.2840'N; -112°28.050'W	13-Aug-12	RAM
<i>Acleris variegana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	09-Sep-11	RAM
<i>Eana argentana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	27-Aug-12	RAM
<i>Pandemis canadana</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek photo documentation at uv lights, 47°32.040' N; -113°48.060' W	27-Aug-12	RAM
<i>Argyrotaenia cockerellana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	29-Aug-10	RAM
<i>Argyrotaenia dorsalana</i>	LAKE: Melita Island, Flathead Lake, photo documentation at uv lights, 47°49.250'N; -114°13.8618'W	03-Aug-12	RAM
<i>Choristoneura conflictana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	08-Jul-11	RAM
<i>Choristoneura lambertiana subretiniana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	26-Jul-10	RAM
<i>Choristoneura occidentalis</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	01-Jul-12	RAM
<i>Choristoneura occidentalis</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	06-Jul-12	RAM
<i>Choristoneura rosaceana</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek photo documentation at uv lights, 47°32.040' N; -113°48.060' W	09-Jul-12	RAM
<i>Archips argyrospila</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	10-Jul-12	RAM
<i>Archips cerasivorana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	05-Sep-10	RAM
<i>Archips myricana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	10-Jul-10	RAM
<i>Archips striana</i>	ROSEBUD: Ashland, Ashland District Ranger Station collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W	16-Jun-12	RAM
<i>Syndemis afflictana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	11-Aug-12	RAM
<i>Clepsis persicana</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch photo documentation at uv lights, 46°47.8932'N; -111°47.700'W	22-Jun-11	RAM
<i>Ptycholoma peritana</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek photo documentation at uv lights, 47°32.040' N; -113°48.060' W	29-Jul-12	RAM
<i>Sparganothis senecionana</i>	JEFFERSON: 5 miles E of Leadville, Thunderbolt Creek photo documentation at uv lights, 46°16.914'N; -112°28.4754'W	22-Jul-12	RAM
<i>Platynota idaeusalis</i>	LEWIS & CLARK: 12 miles E of Lincoln, jct. of Hwy 200 and Hwy 27 photo documentation at uv lights, 47°01.2840' N; -112°28.050'W	12-Jul-12	RAM

<i>Aethes deutschiana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	02-Jul-12	RAM
<i>Aethes smeathmanniana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	08-Aug-12	RAM
<i>Cochylis arthuri</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	20-Aug-10	RAM
<i>Cochylis nana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	21-Jun-11	RAM
<i>Cochylis transversana</i>	LAKE: Melita Island, Flathead Lake, photo documentation at uv lights, 47°49.250' N; -114°13.8618' W	03-Aug-12	RAM
<i>Thyralia bunteana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	06-Jul-12	RAM
<i>Henricus contrastanus</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	29-Jul-12	RAM
<i>Henricus infernalis</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	17-May-12	RAM

GEOMETRIDAE

<i>Eumacaria madopata</i>	ROSEBUD: Ashland, Ashland District Ranger Station collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W	09-May-12	RAM
<i>Macaria abruptata</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek photo documentation at uv lights, 47°32.040' N; -113°48.060' W	09-Jul-12	RAM
<i>Macaria adonis</i>	ROSEBUD: Ashland, Ashland District Ranger Station collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W	09-May-12	RAM
<i>Macaria aemulataria</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek photo documentation at uv lights, 47°32.040' N; -113°48.060' W	25-May-12	RAM
<i>Macaria colata</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch photo documentation at uv lights, 46°47.8932' N; -111°47.700' W	04-Aug-12	RAM
<i>Macaria decorata</i>	Lewis & Clark: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	22-Jun-12	RAM
<i>Macaria evagaria</i>	ROSEBUD: Ashland, Ashland District Ranger Station collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W	06-Jun-12	RAM
<i>Macaria exauspicata</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek photo documentation at uv lights, 47°32.040' N; -113°48.060' W	29-Jul-12	RAM
<i>Macaria lorquinaria</i>	BROADWATER: 3 miles N of Townsend, Missouri River photo documentation at uv lights, 46°20.4162' N; -111°31.5774' W	15-Jun-12	RAM
<i>Macaria sexmaculata</i>	ROSEBUD: Ashland, Ashland District Ranger Station collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W	13-Jul-12	RAM
<i>Digrammia cinereola</i>	ROSEBUD: Ashland, Ashland District Ranger Station collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W	27-Aug-12	RAM
<i>Digrammia delectata</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	03-Jul-12	RAM
<i>Digrammia denticulata</i>	ROSEBUD: Ashland, Ashland District Ranger Station collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W	09-May-12	RAM
<i>Digrammia setonana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	02-Aug-12	RAM
<i>Stenoporpia pulmonaria</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek photo documentation at uv lights, 47°32.040' N; -113°48.060' W	27-Aug-12	RAM
<i>Stenoporpia separataria</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch photo documentation at uv lights, 46°47.8932' N; -111°47.700' W	29-Jun-12	RAM
<i>Glaucina spaldingata</i>	ROSEBUD: Ashland, Ashland District Ranger Station collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W	17-Jul-12	RAM
<i>Anacamptodes ephyraria</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek photo documentation at uv lights, 47°32.040' N; -113°48.060' W	09-Jul-12	RAM
<i>Iridopsis vellivolata</i>	ROSEBUD: Ashland, Ashland District Ranger Station collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W	24-Apr-12	RAM
<i>Protoboarmia porcelaria</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek photo documentation at uv lights, 47°32.040' N; -113°48.060' W	29-Jul-12	RAM
<i>Melanolophia centralis</i>	ROSEBUD: Ashland, Ashland District Ranger Station collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W	24-May-12	RAM
<i>Biston betularia</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek photo documentation at uv lights, 47°32.040' N; -113°48.060' W	09-Jul-12	RAM
<i>Lomographa semiclarata</i>	ROSEBUD: Ashland, Ashland District Ranger Station collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W	01-May-12	RAM
<i>Cabera erythemaria</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek photo documentation at uv lights, 47°32.040' N; -113°48.060' W	27-Aug-12	RAM
<i>Drepanulatrix falcataria</i>	LEWIS & CLARK: 10 miles N of Lincoln, Copper Creek photo documentation at uv lights, 47°05.112' N; -112°40.866' W	16-May-12	RAM

<i>Drepanulatrix foeminaria</i>	LEWIS & CLARK: 10 miles N of Lincoln, Copper Creek	16-May-12	RAM
photo documentation at uv lights,	47°05.112'N; -112°40.866'W		
<i>Drepanulatrix unicalcararia</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	08-Jul-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Episemasia cervinaria</i>	LEWIS & CLARK: 10 miles N of Lincoln, Copper Creek	04-Jun-12	RAM
photo documentation at uv lights,	47°05.112'N; -112°40.866'W		
<i>Euchlaena madusaria</i>	ROSEBUD: Ashland, Ashland District Ranger Station	31-May-12	RAM
collected by USFS Wildlife Biologist,	Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W		
<i>Euchlaena mollisaria</i>	ROSEBUD: Ashland, Ashland District Ranger Station	31-May-12	RAM
collected by USFS Wildlife Biologist,	Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W		
<i>Pero occidentalis</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch	02-Jun-12	RAM
photo documentation at uv lights,	46°47.8932'N; -111°47.700'W		
<i>Gabriola dyari</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek	29-Jul-12	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W		
<i>Epirranthis substriataria</i>	LEWIS & CLARK: 10 miles N of Lincoln, Copper Creek	16-May-12	RAM
photo documentation at uv lights,	47°05.112'N; -112°40.866'W		
<i>Metanema determinata</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek	25-Jun-12	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W		
<i>Metanema inatomaria</i>	ROSEBUD: Ashland, Ashland District Ranger Station	01-May-12	RAM
collected by USFS Wildlife Biologist,	Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W		
<i>Metarranthis duaria</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch	02-Jun-12	RAM
photo documentation at uv lights,	46°47.8932'N; -111°47.700'W		
<i>Plagodis fervidaria</i>	ROSEBUD: Ashland, Ashland District Ranger Station	01-May-12	RAM
collected by USFS Wildlife Biologist,	Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W		
<i>Caripeta angustiorata</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek	29-Jul-12	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W		
<i>Besma quercivoraria</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek	25-Jun-12	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W		
<i>Prochoerodes forficaria</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek	25-Jun-12	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W		
<i>Sabulodes edwardsata</i>	LAKE: Melita Island, Flathead Lake,	03-Aug-12	RAM
photo documentation at uv lights,	47°49.250'N; -114°13.8618'W		
<i>Chlorosea nevadaria</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch	07-Jul-12	RAM
photo documentation at uv lights,	46°47.8932'N; -111°47.700'W		
<i>Dichorda rectoria</i>	ROSEBUD: Ashland, Ashland District Ranger Station	17-Jul-12	RAM
collected by USFS Wildlife Biologist,	Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W		
<i>Idaea occidentaria</i>	ROSEBUD: Ashland, Ashland District Ranger Station	24-Jul-12	RAM
collected by USFS Wildlife Biologist,	Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W		
<i>Scopula inductata</i>	ROSEBUD: Ashland, Ashland District Ranger Station	24-May-12	RAM
collected by USFS Wildlife Biologist,	Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W		
<i>Scopula luteolata</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch	21-May-12	RAM
photo documentation at uv lights,	46°47.8932'N; -111°47.700'W		
<i>Scopula siccata</i>	FLATHEAD: SW of Kila, SE corner of Rogers Lake,	26-Jul-12	RAM
Photographic record by John Ashley,	48°0630'N; -114°5992'W		
<i>Leptostales ferruminaria</i>	ROSEBUD: Ashland, Ashland District Ranger Station	24-May-12	RAM
collected by USFS Wildlife Biologist,	Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W		
<i>Dysstroma formosa</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	02-Jul-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Dysstroma hersiliata</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	01-Jul-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Dysstroma suspectata</i>	JEFFERSON: 5 miles E of Leadville, Thunderbolt Creek	22-Jul-12	RAM
photo documentation at uv lights,	46°16.914'N; -112°28.4754'W		
<i>Dysstroma truncata</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek	09-Jul-12	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W		
<i>Eulithis testata</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek	27-Aug-12	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W		
<i>Eustroma fasciata</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek	09-Jul-12	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W		
<i>Eustroma semiatrata</i>	JEFFERSON: 5 miles E of Leadville, Thunderbolt Creek	22-Jul-12	RAM
photo documentation at uv lights,	46°16.914'N; -112°28.4754'W		
<i>Ceratodalia gueneata</i>	JEFFERSON: 5 miles E of Leadville, Thunderbolt Creek	22-Jul-12	RAM
photo documentation at uv lights,	46°16.914'N; -112°28.4754'W		
<i>Hydriomena divisaria</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek	25-Jun-12	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W		
<i>Hydriomena furcata</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek	29-Jul-12	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W		
<i>Hydriomena macdunnoughi</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	24-Apr-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		

<i>Hydriomena macdunnoughi</i>	Lewis & Clark: 2 miles SE of Nelson, Cottonwood Gulch	21-May-12	RAM
photo documentation at uv lights,	46°47.8932'N; -111°47.700'W		
<i>Spargania luctuata</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	25-Jun-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Spargania viridescens</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek	29-Jul-12	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W		
<i>Perizoma custodiata</i>	YELLOWSTONE: Billings, 2311 Pine Street at lights	08-Sep-12	RAM
photo documentation at uv lights,	45°47.602'N; -108°31.541'W		
<i>Stamnoctenis morrisata</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch	22-Jun-12	RAM
photo documentation at uv lights,	46°47.8932'N; -111°47.700'W		
<i>Marmopteryx watsoni</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch	21-May-12	RAM
photo documentation at uv lights,	46°47.8932'N; -111°47.700'W		
<i>Epirrhoe alternata</i>	LEWIS & CLARK: 12 miles E of Lincoln, jct. of Hwy 200 and Hwy 27	12-Jul-12	RAM
photo documentation at uv lights,	47°01.2840'N; -112°28.050'W		
<i>Epirrhoe plebeculata</i>	ROSEBUD: Ashland, Ashland District Ranger Station	24-Apr-12	RAM
collected by USFS Wildlife Biologist,	Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W		
<i>Venusia cambrica</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek	09-Jul-12	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W		
<i>Epirrita autumnata</i>	JEFFERSON: 5 miles E of Leadville, Thunderbolt Creek	07-Sep-12	RAM
photo documentation at uv lights,	46°16.914'N; -112°28.4754'W		
<i>Eupithecia johnstoni</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch	03-Jul-12	RAM
photo documentation at uv lights,	46°47.8932'N; -111°47.700'W		
<i>Eupithecia mutata</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	25-Jun-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Lobophora magnoliatoidata</i>	LEWIS & CLARK: 12 miles E of Lincoln, jct. of Hwy 200 and Hwy 27	01-Jul-12	RAM
photo documentation at uv lights,	47°01.2840'N; -112°28.050'W		
PYRALIDAE			
<i>Pima occidentalis</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	06-Jun-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
THYATIRIDAE			
<i>Habrosyne scripta</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek	25-Jun-12	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W		
<i>Pseudothyatira cymatophoroides</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch	05-Jul-11	RAM
photo documentation at uv lights,	46°47.8932'N; -111°47.700'W		
<i>Euthyatira semicircularis</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch	22-Jun-12	RAM
photo documentation at uv lights,	46°47.8932'N; -111°47.700'W		
<i>Ceranemota albertae</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch	10-Sep-11	RAM
photo documentation at uv lights,	46°47.8932'N; -111°47.700'W		
<i>Ceranemota albertae</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	12-Sep-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Ceranemota improvisa</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek	27-Aug-12	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W		
DREPANIDAE			
<i>Drepana arcuata</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek	25-Jun-12	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W		
LASIOCAMPIDAE			
<i>Malacosoma californicum</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek	29-Jul-12	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W		
<i>Malacosoma disstria</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	27-Jul-11	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
NOTODONTIDAE			
<i>Clostera apicalis</i>	ROSEBUD: Ashland, Ashland District Ranger Station	01-May-12	RAM
collected by USFS Wildlife Biologist,	Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W		
<i>Clostera brucei</i>	LEWIS & CLARK: 10 miles N of Lincoln, Copper Creek	04-Jun-12	RAM
photo documentation at uv lights,	47°05.112'N; -112°40.866'W		
<i>Gluphisia septentrionis</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	28-Jul-11	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Gluphisia severa</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	20-May-11	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Furcula cinerea</i>	ROSEBUD: Ashland, Ashland District Ranger Station	07-Aug-12	RAM
collected by USFS Wildlife Biologist,	Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W		
<i>Furcula scolopendrina</i>	LEWIS & CLARK: 10 miles N of Lincoln, Copper Creek	16-May-12	RAM
photo documentation at uv lights,	47°05.112'N; -112°40.866'W		
<i>Datana perspicua</i>	ROSEBUD: Ashland, Ashland District Ranger Station	13-Jun-12	RAM
collected by USFS Wildlife Biologist,	Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W		
<i>Nadata gibbosa</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek	25-Jun-12	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W		

<i>Heterocampa lunata</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	27-Jul-11	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Heterocampa lunata</i>	Lewis & Clark: East Helena, 414 1/2 East Clark,	18-Jul-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Schizura unicornis</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch	22-Jun-12	RAM
photo documentation at uv lights,	46°47.8932' N; -111°47.700' W		
<i>Oligocentria semirufescens</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek	29-Jul-12	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W		
NOCTUIDAE			
<i>Autographa californica</i>	FLATHEAD: Glacier NP, Lake McDonald Lodge,	23-Sep-12	NS
Photographic record.			
<i>Autographa mappa</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek	25-Jun-12	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W		
<i>Syngrapha octoscripta</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	20-Aug-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Syngrapha orophila</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek	27-Aug-12	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W		
<i>Tarachidia tortricina</i>	ROSEBUD: Ashland, Ashland District Ranger Station	17-Jul-12	RAM
collected by USFS Wildlife Biologist,	Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W		
<i>Conochares elegantula</i>	ROSEBUD: Ashland, Ashland District Ranger Station	24-May-12	RAM
collected by USFS Wildlife Biologist,	Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W		
<i>Raphia pallula</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	02-Jun-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Acronicta cyanescens</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch	22-Jun-12	RAM
photo documentation at uv lights,	46°47.8932' N; -111°47.700' W		
<i>Acronicta fragilis</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	10-Jul-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Acronicta grisea</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	21-Jun-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Acronicta hasta</i>	ROSEBUD: Ashland, Ashland District Ranger Station	09-May-12	RAM
collected by USFS Wildlife Biologist,	Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W		
<i>Acronicta impressa</i>	ROSEBUD: Ashland, Ashland District Ranger Station	01-May-12	RAM
collected by USFS Wildlife Biologist,	Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W		
<i>Acronicta innotata</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek	09-Jul-12	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W		
<i>Cucullia omissa</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	15-Jul-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Cucullia strigata</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	01-May-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Pleromelloida bonuscula</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch	01-Apr-12	RAM
photo documentation at uv lights,	46°47.8932' N; -111°47.700' W		
<i>Pleromelloida cinerea</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek	28-Aug-12	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W		
<i>Pleromelloida conserta</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch	18-Apr-12	RAM
photo documentation at uv lights,	46°47.8932' N; -111°47.700' W		
<i>Homohadena stabilis</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	13-Jul-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Sympistis augustus</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	11-Sep-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Sympistis tenuifascia</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch	20-Aug-12	RAM
photo documentation at uv lights,	46°47.8932' N; -111°47.700' W		
<i>Feralia jocosa</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	10-May-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Heliothis acesias</i>	ROSEBUD: Ashland, Ashland District Ranger Station	06-Jun-12	RAM
collected by USFS Wildlife Biologist,	Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W		
<i>Schinia acutilinea</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	14-Aug-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Schinia gaurae</i>	ROSEBUD: Ashland, Ashland District Ranger Station	16-Jun-12	RAM
collected by USFS Wildlife Biologist,	Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W		
<i>Schinia jaguarina</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	14-Jul-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Schinia meadi</i>	ROSEBUD: Ashland, Ashland District Ranger Station	24-May-12	RAM
collected by USFS Wildlife Biologist,	Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W		
<i>Schinia nuchalis</i>	ROSEBUD: Ashland, Ashland District Ranger Station	09-May-12	RAM
collected by USFS Wildlife Biologist,	Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W		
<i>Condica discistriga</i>	ROSEBUD: Ashland, Ashland District Ranger Station	24-May-12	RAM
collected by USFS Wildlife Biologist,	Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W		

<i>Crambodes talidiformis</i>	ROSEBUD: Ashland, Ashland District Ranger Station collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W	27-Aug-12	RAM
<i>Leuconycta lepidula</i>	ROSEBUD: Ashland, Ashland District Ranger Station collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W	13-Jun-12	RAM
<i>Acopa perpallida</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	17-Aug-12	RAM
<i>Protoperigea anotha</i>	ROSEBUD: Ashland, Ashland District Ranger Station collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W	06-Jun-12	RAM
<i>Proxenus miranda</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch photo documentation at uv lights, 46°47.8932'N; -111°47.700'W	29-Jun-12	RAM
<i>Enargia infumata</i>	Lewis & Clark: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	05-Aug-12	RAM
<i>Hyppa xylinoidea</i>	JEFFERSON: 5 miles E of Leadville, Thunderbolt Creek photo documentation at uv lights, 46°16.914'N; -112°28.4754'W	22-Jul-12	RAM
<i>Aseptis binotata</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek photo documentation at uv lights, 47°32.040' N; -113°48.060' W	29-Jul-12	RAM
<i>Aseptis characta</i>	ROSEBUD: Ashland, Ashland District Ranger Station collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W	13-Jun-12	RAM
<i>Euplexia benesimilis</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek photo documentation at uv lights, 47°32.040' N; -113°48.060' W	25-Jun-12	RAM
<i>Pseudanarta caeca</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch photo documentation at uv lights, 46°47.8932'N; -111°47.700'W	02-Sep-12	RAM
<i>Pseudanarta crocea</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch photo documentation at uv lights, 46°47.8932'N; -111°47.700'W	20-Aug-12	RAM
<i>Apamea lignicolora</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	16-Jul-12	RAM
<i>Apamea lignicolora</i>	JEFFERSON: 5 miles E of Leadville, Thunderbolt Creek photo documentation at uv lights, 46°16.914'N; -112°28.4754'W	22-Jul-12	RAM
<i>Apamea longula</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	08-Aug-12	RAM
<i>Apamea sora</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek photo documentation at uv lights, 47°32.040' N; -113°48.060' W	09-Jul-12	RAM
<i>Apamea sordens</i>	Lewis & Clark: 2 miles SE of Nelson, Cottonwood Gulch photo documentation at uv lights, 46°47.8932'N; -111°47.700'W	02-Jun-12	RAM
<i>Oligia indirecta</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek photo documentation at uv lights, 47°32.040' N; -113°48.060' W	27-Aug-12	RAM
<i>Selicanis cinereola</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	22-Sep-12	RAM
<i>Amphipoea senilis</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	10-Sep-12	RAM
<i>Xylena curvimacula</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	11-Mar-12	RAM
<i>Xylena nupera</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	23-Apr-12	RAM
<i>Xylena thoracica</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch photo documentation at uv lights, 46°47.8932'N; -111°47.700'W	01-Apr-12	RAM
<i>Homoglaea carbonaria</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch photo documentation at uv lights, 46°47.8932'N; -111°47.700'W	11-Apr-12	RAM
<i>Lithophane fagina</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	10-Apr-12	RAM
<i>Lithophane georgii</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	21-Mar-12	RAM
<i>Lithophane innominata</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch photo documentation at uv lights, 46°47.8932'N; -111°47.700'W	14-Apr-12	RAM
<i>Lithophane innominata</i>	Lewis & Clark: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	19-Apr-12	RAM
<i>Lithophane thaxteri</i>	Lewis & Clark: 2 miles SE of Nelson, Cottonwood Gulch photo documentation at uv lights, 46°47.8932'N; -111°47.700'W	23-Apr-12	RAM
<i>Euicroedia pampina</i>	ROSEBUD: Ashland, Ashland District Ranger Station collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W	08-Sep-12	RAM
<i>Anathix puta</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch photo documentation at uv lights, 46°47.8932'N; -111°47.700'W	20-Aug-12	RAM
<i>Brachylomia elda</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	25-Sep-10	RAM
<i>Parastichtis suspecta</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	30-Jul-12	RAM
<i>Andropolia theodori</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek photo documentation at uv lights, 47°32.040' N; -113°48.060' W	27-Aug-12	RAM

<i>Ufeus plicatus</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch	20-Aug-12	RAM
photo documentation at uv lights,	46°47.8932'N; -111°47.700'W		
<i>Stretchia muricina</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch	09-May-12	RAM
photo documentation at uv lights,	46°47.8932'N; -111°47.700'W		
<i>Stretchia plusiaeformis</i>	LEWIS & CLARK: 10 miles N of Lincoln, Copper Creek	16-May-12	RAM
photo documentation at uv lights,	47°05.112'N; -112°40.866'W		
<i>Orthosia praeses</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek	29-Jul-12	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W		
<i>Orthosia segregata</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	22-May-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Egira simplex</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch	22-Apr-12	RAM
photo documentation at uv lights,	46°47.8932'N; -111°47.700'W		
<i>Egira variabilis</i>	BROADWATER: 3 miles N of Townsend, Missouri River	12-Apr-12	RAM
photo documentation at uv lights,	46°20.4162'N; -111°31.5774'W		
<i>Morrisonia evicta</i>	ROSEBUD: Ashland, Ashland District Ranger Station	24-Apr-12	RAM
collected by USFS Wildlife Biologist,	Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W		
<i>Hadenella pergentilis</i>	ROSEBUD: Ashland, Ashland District Ranger Station	27-Aug-12	RAM
collected by USFS Wildlife Biologist,	Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W		
<i>Anarta crotchii</i>	BROADWATER: 3 miles N of Townsend, Missouri River	15-May-12	RAM
photo documentation at uv lights,	46°20.4162'N; -111°31.5774'W		
<i>Anarta mutata</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	14-Aug-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Anarta obesula</i>	ROSEBUD: Ashland, Ashland District Ranger Station	31-May-12	RAM
collected by USFS Wildlife Biologist,	Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W		
<i>Scotogramma submarina</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch	22-Jun-12	RAM
photo documentation at uv lights,	46°47.8932'N; -111°47.700'W		
<i>Trichoclea antica</i>	ROSEBUD: Ashland, Ashland District Ranger Station	24-Jul-12	RAM
collected by USFS Wildlife Biologist,	Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W		
<i>Sideridis fuscolutea</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	01-Jul-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Sideridis maryx</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch	22-Jun-12	RAM
photo documentation at uv lights,	46°47.8932'N; -111°47.700'W		
<i>Polia nimbosa</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek	09-Jul-12	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W		
<i>Polia nugatis</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek	29-Jul-12	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W		
<i>Melanchra picta</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	21-Jun-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Lacanobia nevadae</i>	MISSOULA: 5 miles W of Condon, South Fork Cold Creek	29-Jul-12	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W		
<i>Lacanobia radix</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	17-Jul-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Lacanobia subjuncta</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	10-Jul-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Trichodestra tacoma</i>	LEWIS & CLARK: 12 miles E of Lincoln, jct. of Hwy 200 and Hwy 27	01-Jul-12	RAM
photo documentation at uv lights,	47°01.2840'N; -112°28.050'W		
<i>Papestra quadrata</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	14-May-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Hadena circumvadis</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	25-Jun-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Faronta diffusa</i>	ROSEBUD: Ashland, Ashland District Ranger Station	09-May-12	RAM
collected by USFS Wildlife Biologist,	Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W		
<i>Faronta terrapictalis</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	25-Jun-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Leucania insueta</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch	09-May-12	RAM
photo documentation at uv lights,	46°47.8932'N; -111°47.700'W		
<i>Leucania insueta dia</i>	LEWIS & CLARK: 10 miles N of Lincoln, Copper Creek	04-Jun-12	RAM
photo documentation at uv lights,	47°05.112'N; -112°40.866'W		
<i>Lacinipolia davena</i>	LAKE: Melita Island, Flathead Lake,	03-Aug-12	RAM
photo documentation at uv lights,	47°49.250'N; -114°13.8618'W		
<i>Homorthodes communis</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	28-Sep-11	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Protorthodes incincta</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	15-Aug-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Protorthodes oviduca</i>	BROADWATER: 3 miles N of Townsend, Missouri River	20-May-12	RAM
photo documentation at uv lights,	46°20.4162'N; -111°31.5774'W		
<i>Protorthodes perforata</i>	ROSEBUD: Ashland, Ashland District Ranger Station	27-Aug-12	RAM
collected by USFS Wildlife Biologist,	Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W		

<i>Orthodes goodelli</i>	ROSEBUD: Ashland, Ashland District Ranger Station	13-Jul-12	RAM
collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W			
<i>Neleucania patricia</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch	22-Jun-12	RAM
photo documentation at uv lights, 46°47.8932'N; -111°47.700'W			
<i>Neleucania praegracilis</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch	02-Jun-12	RAM
photo documentation at uv lights, 46°47.8932'N; -111°47.700'W			
<i>Anicla beata</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	30-Jun-12	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Anicla beata</i>	Lewis & Clark: 2 miles SE of Nelson, Cottonwood Gulch	25-Jul-12	RAM
photo documentation at uv lights, 46°47.8932'N; -111°47.700'W			
<i>Actebia balanitis</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	11-Sep-12	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Protogygia enalaga</i>	ROSEBUD: Ashland, Ashland District Ranger Station	06-Jun-12	RAM
collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W			
<i>Protogygia postera</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	14-Aug-12	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Euxoa auxiliaris</i>	Lewis & Clark: East Helena, 414 1/2 East Clark,	04-Sep-12	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Euxoa auxiliaris</i>	Lewis & Clark: East Helena, 414 1/2 East Clark,	11-Sep-12	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Euxoa basalis</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	26-Aug-12	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Euxoa campestris</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	11-Aug-12	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Euxoa catenula</i>	ROSEBUD: Ashland, Ashland District Ranger Station	08-Sep-12	RAM
collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W			
<i>Euxoa choris</i>	ROSEBUD: Ashland, Ashland District Ranger Station	13-Jul-12	RAM
collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W			
<i>Euxoa dargo</i>	ROSEBUD: Ashland, Ashland District Ranger Station	08-Sep-12	RAM
collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W			
<i>Euxoa flavicollis</i>	JEFFERSON: 5 miles E of Leadville, Thunderbolt Creek	22-Jul-12	RAM
photo documentation at uv lights, 46°16.914'N; -112°28.4754'W			
<i>Euxoa furtivus</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	24-Jul-12	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Euxoa hollemani</i>	ROSEBUD: Ashland, Ashland District Ranger Station	08-Sep-12	RAM
collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W			
<i>Euxoa mimallonis</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	19-Jul-12	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Euxoa nostra</i>	ROSEBUD: Ashland, Ashland District Ranger Station	31-May-12	RAM
collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W			
<i>Euxoa oberfoelli</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch	02-Sep-12	RAM
photo documentation at uv lights, 46°47.8932'N; -111°47.700'W			
<i>Euxoa perpolita</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch	20-Aug-12	RAM
photo documentation at uv lights, 46°47.8932'N; -111°47.700'W			
<i>Euxoa plagigera</i>	Lewis & Clark: East Helena, 414 1/2 East Clark,	12-Sep-12	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Euxoa pleuritica</i>	ROSEBUD: Ashland, Ashland District Ranger Station	06-Jun-12	RAM
collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W			
<i>Euxoa satiens</i>	Lewis & Clark: East Helena, 414 1/2 East Clark,	30-Aug-12	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Euxoa satis</i>	ROSEBUD: Ashland, Ashland District Ranger Station	27-Aug-12	RAM
collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W			
<i>Euxoa septentrionalis</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	26-Aug-12	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Euxoa tessellata</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	10-Aug-11	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Euxoa tristicula</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	12-Jun-12	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Agrotis ipsilon</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	10-Sep-12	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Agrotis volubilis</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch	02-Jun-12	RAM
photo documentation at uv lights, 46°47.8932'N; -111°47.700'W			
<i>Diarsia calgary</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch	06-Jun-12	RAM
photo documentation at uv lights, 46°47.8932'N; -111°47.700'W			
<i>Rhyacia clemens</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	25-Jun-12	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Cryptocala acadensis</i>	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch	07-Jul-12	RAM
photo documentation at uv lights, 46°47.8932'N; -111°47.700'W			

Anaplectoides prasina	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	16-Jun-12	RAM
Anaplectoides pressus	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	27-Jun-12	RAM
Aplectoides condita	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	25-Jun-12	RAM
Xestia normaniana	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	18-Aug-12	RAM
Xestia smithii	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch photo documentation at uv lights, 46°47.8932'N; -111°47.700'W	25-Jul-12	RAM
Protolampra brunneicollis	ROSEBUD: Ashland, Ashland District Ranger Station collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W	24-Jul-12	RAM
Abagrotis brunneipennis	LAKE: Melita Island, Flathead Lake, photo documentation at uv lights, 47°49.250'N; -114°13.8618'W	03-Aug-12	RAM
Abagrotis dodii	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch photo documentation at uv lights, 46°47.8932'N; -111°47.700'W	20-Aug-12	RAM
Abagrotis hermina	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch photo documentation at uv lights, 46°47.8932'N; -111°47.700'W	20-Aug-12	RAM
Abagrotis placida	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	18-Aug-12	RAM
Abagrotis trigona	LAKE: Melita Island, Flathead Lake, photo documentation at uv lights, 47°49.250'N; -114°13.8618'W	03-Aug-12	RAM
Abagrotis vittifrons	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch photo documentation at uv lights, 46°47.8932'N; -111°47.700'W	02-Sep-12	RAM
EREBIDAE			
Hypoprepia inculta	PHILLIPS: Malta, photo documentation at uv lights, 48°21.3864'N; -107°52.9716'W	07-Jun-12	RAM
Hypoprepia miniata	ROSEBUD: Ashland, Ashland District Ranger Station collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W	13-Jul-12	RAM
Clemensia albata	ROSEBUD: Ashland, Ashland District Ranger Station collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W	13-Jun-12	RAM
Grammia elongata	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch photo documentation at uv lights, 46°47.8932'N; -111°47.700'W	14-May-12	RAM
Grammia ornata	ROSEBUD: Ashland, Ashland District Ranger Station collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W	01-May-12	RAM
Grammia parthenice	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	14-Aug-12	RAM
Grammia williamsii	JEFFERSON: 5 miles E of Leadville, Thunderbolt Creek photo documentation at uv lights, 46°16.914'N; -112°28.4754'W	22-Jul-12	RAM
Phragmatobia lineata	BROADWATER: 3 miles N of Townsend, Missouri River photo documentation at uv lights, 46°20.4162'N; -111°31.5774'W	15-May-12	RAM
Haploa lecontei	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	20-Jul-11	RAM
Cycnia tenera	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	04-Jul-11	RAM
Gnophaela vermiculata	JEFFERSON: Thunderbolt Creek, 2 mi. N of Whitehorse Cmpgrd., Photographic record.	21-Jul-12	NS
Dasychira dorsipennata	LEWIS & CLARK: 10 miles N of Lincoln, Copper Creek photo documentation at uv lights, 47°05.112'N; -112°40.866'W	04-Aug-11	RAM
Dasychira plagiata	MISSOULA: 5 miles W of Condon, South Fork Cold Creek photo documentation at uv lights, 47°32.040' N; -113°48.060' W	29-Jul-12	RAM
Orgyia antiqua	LEWIS & CLARK: East Helena, 414 1/2 East Clark, photo documentation at uv lights, 46°35.38' N; -111°54.933' W	23-Sep-11	RAM
Orgyia pseudotsugata	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch photo documentation at uv lights, 46°47.8932'N; -111°47.700'W	24-Sep-11	RAM
Idia lubricalis	ROSEBUD: Ashland, Ashland District Ranger Station collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W	13-Jul-12	RAM
Chytolita petrealis	LEWIS & CLARK: 2 miles SE of Nelson, Cottonwood Gulch photo documentation at uv lights, 46°47.8932'N; -111°47.700'W	22-Jun-12	RAM
Phalaenostola metonalis	ROSEBUD: Ashland, Ashland District Ranger Station collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W	13-Jul-12	RAM
Scoliopteryx libatrix	LEWIS & CLARK: 10 miles N of Lincoln, Copper Creek photo documentation at uv lights, 47°05.112'N; -112°40.866'W	16-May-12	RAM
Drasteria howlandi	ROSEBUD: Ashland, Ashland District Ranger Station collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W	16-Jun-12	RAM
Drasteria hudsonica	MISSOULA: 5 miles W of Condon, South Fork Cold Creek photo documentation at uv lights, 47°32.040' N; -113°48.060' W	25-Jun-12	RAM

<i>Drasteria pallescens</i> collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W	ROSEBUD: Ashland, Ashland District Ranger Station	24-Apr-12	31-May-12	RAM
<i>Caenurgina crassiuscula</i> photo documentation at uv lights, 47°32.040' N; -113°48.060' W	MISSOULA: 5 miles W of Condon, South Fork Cold Creek	09-Jul-12		RAM
<i>Catocala hermia</i> photo documentation at uv lights, 46°35.38' N; -111°54.933' W	LEWIS & CLARK: East Helena, 414 1/2 East Clark,	12-Aug-12		RAM
EUTELIIDAE				
<i>Marathyssa basalis</i> collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W	ROSEBUD: Ashland, Ashland District Ranger Station	01-May-12		RAM
<i>Paectes abrostolella</i> collected by USFS Wildlife Biologist, Don Sasse by uv light trap, 45°35.388' N, -106°15.840' W	ROSEBUD: Ashland, Ashland District Ranger Station	24-May-12		RAM
NOLIDAE				
<i>Nyctea frigidana</i> photo documentation at uv lights, 47°32.040' N; -113°48.060' W	MISSOULA: 5 miles W of Condon, South Fork Cold Creek	27-Aug-12		RAM

NEW MEXICO

Steve Cary reported a second year with poor conditions for much of New Mexico in 2012. Dry weather continued until a late monsoon season arrived in mid-August.

Two contributors posted records for New Mexico, including records from ten additional collectors and observers. Twelve county records for butterflies were submitted. No submissions for moths were given.

Butterflies

HESPERIIDAE

<i>Pholisora meijicana</i> single male taken among 10 male <i>P. catullus</i>	Cofax: Trinchera Pass,	30-Jun-12		ADW
<i>Pyrgus scriptura</i> leg: R. Seidler, COUNTY record	TAOS: US 285 13 mi S. Colorado	01-Aug-12		SJC
<i>Pyrgus xanthus</i> leg: Jonathan Batkin, COUNTY record	SANTA FE: Borrego Mesa, FR 306	23-May-12		SJC
<i>Amblyscirtes eos</i> leg: Jonathan Batkin, COUNTY record	SANTA FE: Apache Canyon	26-Jun-12		SJC
<i>Hesperia woodgatei</i> leg: Joe Schelling, COUNTY record	BERNALILLO: Embudito Cyn, Sandis Mtns	16-Sep-11		SJC

PAPILIONIDAE

<i>Papilio machaon</i> leg: Jonathan Batkin, COUNTY record; EAST range extension	SANTA FE: Atalaya Mountain	31-May-12		SJC
<i>Papilio multicaudata</i> LATE record	Santa Fe: Santa Fe	20-Oct-12		SJC

LYCAENIDAE

<i>Satyrrium polingi</i> leg: Steve Cary, Linda Delay, John Pfeil, COUNTY record; NORTH range extension	SOCORRO: Mockingbird Gap	05-Jun-12		SJC
<i>Ministrymon leda</i> COUNTY record	SANDOVAL: E. Fk. Jemez River	26-May-12		SJC
<i>Euphilotes spaldingi</i> leg: Jonathan Batkin, COUNTY record	SANTA FE: Borrego Mesa	28-Jul-12		SJC
<i>Euphilotes spaldingi</i> leg: Joe Schelling, Matt O'Donnell, Rebecca Gracey, CONFIRM county record	Bernalillo: Sandia Peak road, 8000 ft	02-Aug-12		SJC

RIODINIDAE

<i>Apodemia nais</i> on female taken	COLFAX: Trinchera Pass,	30-Jun-12		ADW
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NYMPHALIDAE

<i>Libytheana carinenta</i> COUNTY record	SANTA FE: Diablo Canyon	20-Oct-12		SJC
<i>Danaus plexippus</i> leg: David Griffin, EARLY record	Luna: 3.5 mi N. of Nutt	02-Mar-12		SJC
<i>Boloria chariclea</i> leg: Jonathan Batkin, EARLY record	Santa Fe: Nambe Lake	13-Jun-12		SJC
<i>Nymphalis californica</i> leg: Joe Schelling, Matt O'Donnell, Rebecca Gracey, COUNTY record	BERNALILLO: Bill Spring, Sandia Mtns.	30-Jun-12		SJC
<i>Polygonia interrogationis</i> COUNTY record	LOS ALAMOS: Valle Cyn, Jemez Mtns	11-Aug-12		SJC
<i>Chlosyne lacinia</i> leg: Jonathan Batkin, confirms COUNTY record	Santa Fe: near Edgewood	31-Aug-12		SJC
<i>Phyciodes pulchella</i> LATE record	Santa Fe: Davey Audubon Center	22-Oct-12		SJC

UTAH

Three contributors submitted their findings and those of 4 additional observers for the 2012 Season. No submissions for butterflies were given. 21 county records for moths were reported. This writer found conditions in the eastern deserts to be advanced by two to three weeks around Goblin Valley and Green River, with moisture and temperatures providing good growth in local flora in many areas of the San Rafael Desert.

Conditions were still good for the southwest parts of the state as moths were sampled in early October.

Moths

PYRALIDAE

<i>Hypsopygia olinalis</i> at MV light	WASHINGTON: St. George,	05-Jun-12	VXA
<i>Hulstia undulatella</i> at MV light	WASHINGTON: St. George,	05-Jun-12	VXA
<i>Coenochroa californiella</i> at MV light	WASHINGTON: St. George,	05-Jun-12	VXA

GEOMETRIDAE

<i>Meris alticola</i> at MV light	WASHINGTON: St. George,	05-Jun-12	VXA
<i>Chlorosea roseitacta</i> at MV light	WASHINGTON: St. George,	05-Jun-12	VXA

NOCTUIDAE

<i>Ponometia sutrix</i> at MV light	WASHINGTON: St. George,	05-Jun-12	VXA
<i>Sympistis augustus</i> sandstone top nr deep sand juniper/turbinella oak habitat, 4389'elev., at uv/mv lights, 37°15.695'N; -109°39.667'W	SAN JUAN: 5.1 mi. WSW of Bluff Comb Ridge Hwy163 mkr39	08-Oct-12	CEH
<i>Sympistis augustus</i> sandsage, bigsage assoc., 4357'elev., at uv/mv lights 37°17.10'N; -109°32.52'W	San Juan: Bluff, Post Office Hwy. 191,	08-Oct-12	CEH
<i>Sympistis augustus</i> sandsage, bigsage assoc., 4012'elev., at mv lights, 38°35.104'N; -109°33.49'W	GRAND: Hwy. 191, n. end Moab	09-Oct-12	CEH
<i>Sympistis buchis</i> sandstone top nr deep sand juniper/turbinella oak habitat, 4389'elev., at uv/mv lights, 37°15.695'N; -109°39.667'W	SAN JUAN: 5.1 mi. WSW of Bluff Comb Ridge Hwy163 mkr39	08-Oct-12	CEH
<i>Sympistis iricolor</i> sandstone top nr deep sand juniper/turbinella oak habitat, 4389'elev., at uv/mv lights, 37°15.695'N; -109°39.667'W	SAN JUAN: 5.1 mi. WSW of Bluff Comb Ridge Hwy163 mkr39	08-Oct-12	CEH
<i>Sympistis occata</i> sandstone top nr deep sand juniper/turbinella oak habitat, 4389'elev., at uv/mv lights, 37°15.695'N; -109°39.667'W	SAN JUAN: 5.1 mi. WSW of Bluff Comb Ridge Hwy163 mkr39	08-Oct-12	CEH
<i>Mesogona olivata</i> sandstone top nr deep sand juniper/turbinella oak habitat, 4389'elev., at uv/mv lights, 37°15.695'N; -109°39.667'W	SAN JUAN: 5.1 mi. WSW of Bluff Comb Ridge Hwy163 mkr39	08-Oct-12	CEH
<i>Brachylomia populi</i> sandsage, bigsage assoc., 4012'elev., at mv lights, 38°35.104'N; -109°33.49'W	GRAND: Hwy. 191, n. end Moab	09-Oct-12	CEH
<i>Fishia discors</i> sandstone top nr deep sand juniper/turbinella oak habitat, 4389'elev., at uv/mv lights, 37°15.695'N; -109°39.667'W	SAN JUAN: 5.1 mi. WSW of Bluff Comb Ridge Hwy163 mkr39	08-Oct-12	CEH
<i>Hadenella pergentilis</i> roadside s. of hwy. in deep sands, 4389'elev., at uv/mv lights, 37°16.165'N; -109°40.710'W	SAN JUAN: 6.1 mi. WSW of Bluff Comb Ridge Hwy163 mkr39	08-Oct-12	CEH
<i>Hadenella pergentilis</i> rabbitbrush along roadside, 4389'elev., at uv/mv lights 37°16.694'N; -109°40.994'W	San Juan: 5.1 mi. WSW of Bluff Comb Ridge Hwy163 mkr39	08-Oct-12	CEH
<i>Euxoa atomaris</i> sandstone top nr deep sand juniper/turbinella oak habitat, 4389'elev., at uv/mv lights, 37°15.695'N; -109°39.667'W	SAN JUAN: 5.1 mi. WSW of Bluff Comb Ridge Hwy163 mkr39	08-Oct-12	CEH
<i>Euxoa cona</i> sandstone top nr deep sand juniper/turbinella oak habitat, 4389'elev., at uv/mv lights, 37°15.695'N; -109°39.667'W	SAN JUAN: 5.1 mi. WSW of Bluff Comb Ridge Hwy163 mkr39	08-Oct-12	CEH
<i>Euxoa olivia</i> sandstone top nr deep sand juniper/turbinella oak habitat, 4389'elev., at uv/mv lights, 37°15.695'N; -109°39.667'W	SAN JUAN: 5.1 mi. WSW of Bluff Comb Ridge Hwy163 mkr39	08-Oct-12	CEH
<i>Euxoa recula</i> roadside s. of hwy. in deep sands, 4389'elev., at uv/mv lights, 37°16.165'N; -109°40.710'W	San Juan: 6.1 mi. WSW of Bluff Comb Ridge Hwy163 mkr39	08-Oct-12	CEH
<i>Euxoa recula</i> sandstone top nr deep sand juniper/turbinella oak habitat, 4389'elev., at uv/mv lights, 37°15.695'N; -109°39.667'W	SAN JUAN: 5.1 mi. WSW of Bluff Comb Ridge Hwy163 mkr39	08-Oct-12	CEH
<i>Euxoa recula</i> sandsage, bigsage assoc., 4012'elev., at mv lights, 38°35.104'N; -109°33.49'W	Grand: Hwy. 191, n. end Moab	09-Oct-12	CEH
<i>Euxoa tronellus</i> sandstone top nr deep sand juniper/turbinella oak habitat, 4389'elev., at uv/mv lights, 37°15.695'N; -109°39.667'W	SAN JUAN: 5.1 mi. WSW of Bluff Comb Ridge Hwy163 mkr39	08-Oct-12	CEH
<i>Euxoa tronellus</i> rabbitbrush along roadside, 4389'elev., at uv/mv lights 37°16.694'N; -109°40.994'W	San Juan: 7.1 mi. WSW of Bluff Comb Ridge Hwy163 mkr39	08-Oct-12	CEH
<i>Agrotis orthogonia</i> sandsage, bigsage assoc., 4012'elev., at mv lights, 38°35.104'N; -109°33.49'W	Grand: Hwy. 191, n. end Moab	09-Oct-12	CEH

EREBIDAE

<i>Ascalapha odorata</i> photo documentation by Jon-Paul Parent	WEBER: Roy,	10-Jul-12	MAQ
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Zone 5 Great Plains Saskatchewan, Manitoba, North Dakota, South Dakota, Nebraska, Kansas, Oklahoma

Coordinator: Ronald Alan Royer

Contributors Cited:

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BAH : Berlin A. Heck	KLS : Kansas Lepidoptera Survey	CSL : Charles Schurch Lewallen
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KFS : Kent F. Schaefer	RJS : Rick Schmid	SKS : Sandra K. Schwin
SMS : Steven M. Spomer	JAT : Jona A. Tucker	VDB : Cynthia & Matthew Van Den Broe
RW2 : Richard Wasburn	KCW : Ken C. Williams	

General Comments:

There were no submissions for Saskatchewan, Manitoba and South Dakota for moths Or butterflies for the 2012 Season.

KANSAS

Chuck Ely filed the following report.

Butterflies

PIERIDAE

Pyrissitia proterpia SEDGWICK: Wichita 08-Nov-12 JKA
 6th state record; 1st since 1986; leg Rosa McHenry; confirmed James K. Adams

NYMPHALIDAE

Nymphalis antiopa : "SW Kansas" 21-Sep-12 CAE
 "unusually common & widespread"; photo by Jeff Cox; confirmed by Charles A. Ely

Moths

ERIOCRANIIDAE

Dyseriocrania griseocapitella LEAVENWORTH: Lansing, 2 S 30-Apr-11 KLS
 STATE record, leg John M. Schukman, id Richard L. Brown

TINEIDAE

Xylesthia pruniramiella CRAWFORD: Frontenac 04-Jul-11 KLS
 leg Glenn A. Salisbury; id Richard L. Brown
 Eccritothrix trimaculella CRAWFORD: Pittsburg, 2 W 14-Jul-11 KLS
 leg Glenn A. Salisbury; id Richard L. Brown

GRACILLARIIDAE

Caloptilia blandella CRAWFORD: Frontenac 26-Jun-11 KLS
 STATE record; leg Glenn A. Salisbury; id Richard L. Brown

OECOPHORIDAE

Antaeotricha humilis CRAWFORD: Pittsburg, 2 W 14-Jul-11 KLS
 STATE record; Leg Glenn A. Salisbury; id Richard L. Brown
 Decantha boreasella CRAWFORD: Pittsburg, 2 W 18-Jun-11 KLS
 STATE record; Leg Glenn A. Salisbury; id Richard L. Brown
 Psilocorsis cryptolechiella CRAWFORD: Fronteac 04-Jul-11 KLS
 STATE record; leg Glenn A. Salisbury; id Richard L. Brown
 Psilocorsis reflexella RENO: Hutchinson, 1 W 25-May-10 KLS
 STATE record; leg Charles A. Ely; id Richard L. Brown
 Machimia tentoriferella CRAWFORD: Leavenworth 25-Sep-10 KLS
 STATE record; John J. Bollin III; id Richard L. Brown

GELECHIIDAE

Aristotelia elegantella MEADE: Meade 29-Jun-08 KLS
 leg Thomas L. Flowers; id Richard L. Brown
 Aristotelia elegantella BOURBON: Elm Creek Lake 11-Jun-11 KLS
 leg Glenn A. Salisbury; id Richard L. Brown

<i>Aristotelia elegantella</i> leg Glenn A. Salisbury; id Richard L. Brown	CRAWFORD: Frontenac	10-Sep-11	KLS
<i>Evippe prunifoliella</i> STATE record; leg Glenn A. Salisbury; id Richard L. Brown	CRAWFORD: Frontenac	20-Aug-11	KLS
<i>Taygete attributella</i> STATE record; leg Glenn A. Salisbury; id Richard L. Brown	CRAWFORD: Frontenac	03-Jun-11	KLS
<i>Arogalea cristifasciella</i> leg John J. Bollin III; id Richard L. Brown	ATCHISON: Potter, 8 E, 0.5 N (Bollin Farm)	28-Apr-10	KLS
<i>Arogalea cristifasciella</i> STATE record; leg JohnM. Schukman; id Richard L. Brown	LEAVENWORTH: Lansing, 2 S	01-May-11	KLS
<i>Arogalea cristifasciella</i> leg Glenn A. Salisbury; id Richard L. Brown	CRAWFORD: Pittsburg, 2 W	19-Jul-11	KLS
<i>Telphusa latifasciella</i> STATE record; leg Glenn A. Salisbury; id Richard L. Brown	CRAWFORD: Frontenac	06-Jun-11	KLS
<i>Pseudochelaria walsinghami</i> STATE record; leg Glenn A. Salisbury; id Richard L. Brown	CRAWFORD: Pittsburg, 2 W	14-Jul-11	KLS
<i>Deltophora sella</i> leg Linda L. Phipps; id Richard I. Brown	CHEROKEE: Galena, 2 S (Schermerhorn Pk)	11-Sep-07	KLS
<i>Deltophora sella</i> leg Glenn A. Salisbury; id Richard L. Brown	CRAWFORD: Frontenac	06-Jun-11	KLS
<i>Deltophora sella</i> leg Glenn A. Salisbury; id Richard L. Brown	BOURBON: Elm Creek Lake	27-Jun-11	KLS
<i>Chionodes mediofuscella</i> leg John M. Schukman; id Richard L. Brown	LEAVENWORTH: Lansing, 2 S	26-Apr-09	KLS
<i>Chionodes mediofuscella</i> leg Mike E. Bollin; id Richard L. Brown	LABETTE: Edna, 0.25 E	18-Apr-10	KLS
<i>Chionodes mediofuscella</i> leg John J. Bollin III; id Richard L. Brown	ATCHISON: Potter, 8 E, 0.5 N (Bollin farm)	30-Apr-11	KLS
<i>Chionodes mediofuscella</i> leg Glenn A. Salisbury; id Richard L. Brown	CRAWFORD: Pittsburg, 2 W	18-May-11	KLS
<i>Aroga paulella</i> STATE record; leg John J. Bollin; id Richard L. Brown	MORTON: Elkhart, 7.5 N, 4.5 E (CNG)	07-May-11	KLS
<i>Fascista cercerisella</i> leg Glenn A. Salisbury; id Richard L. Brown	CRAWFORD: Pittsburg, 2 W	14-Jul-11	KLS
<i>Stegasta bosqueella</i> leg Charles A. Ely; confirmed Richard L. Brown	RENO: Hutchison, 1 W	12-Aug-07	KLS
<i>Stegasta bosqueella</i> leg Linda L. Phipps; id Richard I. Brown	CHEROKEE: Galena, 2 S (Schermerhorn Pk)	11-Sep-07	KLS
<i>Stegasta bosqueella</i> leg Glenn A. Salisbury; id Richard L. Brown	CRAWFORD: Frontenac	29-Jul-09	KLS
<i>Battaristis vittella</i> STATE record; leg Glenn A. Salisbury; id Richard L. Brown	CRAWFORD: Frontenac	06-Jun-11	KLS
<i>Strobisia iridipennella</i> leg Glenn A. Salisbury; id Richard L. Brown	CRAWFORD: Pittsburg, 2 W	18-Jun-11	KLS
<i>Brachmia chambersella</i> STATE record; leg Glenn A. Salisbury; id Richard L. Brown	BOURBON: Elm Creek Lake	27-Jun-11	KLS
<i>Dichomeris bilobella</i> leg Glenn A. Salisbury; id Richard L. Brown	CRAWFORD: Frontenac	16-Aug-11	KLS
<i>Dichomeris bilobella</i> leg Glenn A. Salisbury; id Richard L. Brown	NEOSHO: St. Paul, 1 S	17-Aug-11	KLS
<i>Dichomeris ligulella</i> leg Charles A. Ely; id Richard L. Brown	CHEROKEE: Galena, 2 S (Schermerhorn Pk)	11-Sep-07	KLS
<i>Dichomeris ligulella</i> leg Glenn A. Salisbury; id Richard L. Brown	CRAWFORD: Pittsburg, 2 W	11-Jul-11	KLS
<i>Trichotaphe costaruoella</i> leg Kenneth L. Brunson; id Richard L. Brown	PRATT: Pratt, 1 N, 3 E	16-Sep-09	KLS
<i>Trichotaphe costaruoella</i> leg Glenn A. Salisbury; id Richard L. Brown	CRAWFORD: Pittsburg, 2 W	14-Jul-11	KLS
<i>Epicorthylis inversella</i> leg Glenn A. Salisbury; id Richard L. Brown	CRAWFORD: Frontenac	31-Aug-11	KLS
BLASTOBASIDAE			
<i>Gerdana caritella</i> STATE record; leg Glenn A. Salisbury; id Richard L. Brown	BOURBON: Elm Creek Lake	31-Aug-11	KLS
<i>Gerdana caritella</i> leg Glenn A. Salisbury; id Richard L. Brown	CRAWFORD: Frontenac	31-Aug-11	KLS
<i>Spinitiba hodgesi</i> leg Glenn A. Salisbury; id Richard L. Brown	CRAWFORD: Frontenac	10-Aug-11	KLS
COLEOPHORIDAE			

Coleophora trifolii	CRAWFORD: Frontenac	06-Jun-01	KLS
leg. Glenn A. Salsbury; id Richard L. Brown			
Coleophora trifolii	MEADE: Meade	19-Jun-11	KLS
leg Thomas L. Flowers; id Richard L. Brown			
MOMPHIDAE			
Mompha eloisella	MORTON: Elkhart, 7.5 N, 4.5 E (CNG)	07-May-11	KLS
leg John J. Bollin III; id Richard L. Brown			
COSMOPTERIGIDAE			
Euclementia bassettella	LEAVENWORTH: Leavenworth	30-Jun-10	KLS
leg John J. Bollin III; id Charles A. Ely			
Euclementia bassettella	SEDGWICK: Wichita (Great Plains Nature Cen.	01-Jul-10	KLS
leg James E. Mason; id Charles A. Ely			
Stagmatophora sexnotella	CRAWFORD: Frontenac	31-Aug-11	KLS
leg Glenn A. Salsbury; id Richard L. Brown			
Walshia miscecolorella	COMANCHE: Wilmore, 12.1 SE	16-Sep-07	KLS
STATE record; leg. June R. Kliesen; id Richard L. Brown			
Walshia miscecolorella	BOURBON: Fort Scott, Hollister Wildlife Area	30-Sep-08	KLS
leg Glenn A. Salsbury; id Richard L. Brown			
Walshia miscecolorella	MEADE: Meade	06-Jun-10	KLS
leg Thomas L. Flowers; id Richard L. Brown			
Walshia miscecolorella	PRATT: Pratt, 1 N, 3 E	07-Jun-10	KLS
leg Kenneth L. Brunson; id Richard L. Brown			
Walshia miscecolorella	CRAWFORD: Frontenac	17-Oct-10	KLS
leg Glenn A. Salsbury; id Richard L. Brown			
Walshia miscecolorella	MORTON: Elkhart, 2.5 N (Turnerville Sta)	07-May-11	KLS
leg Kenneth L. Brunson; id Richard L. Brown			
SCYTHRIDIDAE			
Scythris trivinctella	MEADE: Meade	05-Sep-11	KLS
leg Thomas L. Flowers; id Richard L. Brown			
ARGYRESTHIIDAE			
Argyresthia alternatella	CRAWFORD: Frontenac	25-May-11	KLS
leg Glenn A. Salsbury; id Richard L. Brown			
CRAMBIDAE			
Platytes vobisne	PRATT: Pratt, 1 N, 3 E	07-Jun-10	KLS
leg Kenneth L. Brunson; id Richard L. Brown			
PYRALIDAE			
Pococera humerella	LEAVENWORTH: Leavenworth	17-Jun-10	KLS
leg John J. Bollin III; id Richard L. Brown			
Salebriaria engeli	CHEROKEE: Galena, 2 S (Schermerhorn Pk)	18-Jun-07	KLS
STATE record; leg Charles A. Ely; id Richard L. Brown			
Tiascala reductella	CHASE: Cottonwood Falls (Cottonwood R.)	05-May-09	KLS
leg. Charles A. Ely, id Richard L. Brown			
Olycella subumbrella	MORTON: Elkhart (Cimarron Nat. Grassland)	15-May-12	KLS
STATE record; 1 taken, leg. By James K. Adams & Irving Finkelstein; id. James K. Adams			
SESIIDAE			
Vitacea polistiformis	CHEYENNE: St. Francis	17-May-12	KLS
2nd, this site; rarely collected W. KS; leg by James K. Adams & Irving Finkelstein; id James K. Adams			
GEOMETRIDAE			
Nacophora quernaria	CHEROKEE: Galena, 2 S (Schermerhorn Pk)	14-Apr-11	KLS
STATE record; leg, Glenn A. Salsbury; id Charles A. Ely			
Euacidalia sericearia	Barber: Medicine Lodge, 15 W	15-May-12	KLS
2nd, this site; rarely collected W. KS; leg by James K. Adams & Irving Finkelstein; id James K. Adams			
Perizoma custodiata	MORTON: Elkhart	14-May-12	KLS
STATE record. 1 taken; leg James K. Adams & Irving Finkelstein; id James K. Adams			
Operophtera bruceata	: Kansas	01-Oct-11	01-Dec-11 KLS
KS. Dept. Agric. Monitoring; 150 traps, 689 bruceata; 0 brumata; fide Glenn A. Salsbury			
NOTODONTIDAE			
Hippia packardii	Barber: Medicine Lodge, 4 W.	14-May-12	KLS
abundant; leg James K. Adams & Irving Finkelstein; id James K. Adams			
NOCTUIDAE			
Acronicta lepusculina	BARBER: Medicine Lodge, 4 W.	14-May-12	KLS
rare in west; leg James J. Adams & Irving Finkelstein; id James K. Adams			
Cucullia lethe	BARBER: Medicine Lodge, 4 W.	14-May-12	KLS
few confirmed records; leg James K. Adams & Irving Finkelstein; id James K. Adams			
Cucullia luna	Morton: Elkhart (Cimarron Nat. Grassland)	15-May-12	KLS
5 individuals; 3rd record for Kansas; leg James K. Adams & Irving Finkelstein id James K. Adams			

Homohadena infixa	BARBER: Medicine Lodge, 4 W.	14-May-12	KLS
few Kansas records; leg James K. Adams & Irving Finkelstein; id James K. Adams			
Homohadena stabilis	BARBER: Medicine Lodge, 4 W.	14-May-12	KLS
few Kansas records; leg James K. Adams & Irving Finkelstein; id James K. Adams			
Symphistis occata	Morton: Elkhart (Cimarron Nat. Grassland)	15-May-12	KLS
2nd, this site; rare in state; leg James K. Adams & Irving Finkelstein; id James K. Adams			
Pseudacontia crustaria	MORTON: Elkhart (Cimarron Nat. Grassland)	15-May-12	KLS
2nd record for KS; 1st Hamilton Co, 1902,(Snow); leg James K. Adams & Irving Finkelstein; id James K. Adams.			
Nocloa duplicatus	Morton: Elkhart (Cimarron Nat. Grassland)	15-May-12	KLS
ca 12 taken; leg James K. Adams & Irving Finkelstein; id James K. Adams			
Plagiomimicus navium	Barber: Medicine Lodge, 15W	14-May-12	KLS
2nd record, both this site; leg James K. Adams & Irving Finkelstein; id James K. Adams			
Stiria rugifrons	Morton: Elkhart (Cimarron Nat. Grassland)	14-May-12	KLS
early, "100s"; leg James K. Adams & Irving Finkelstein; id James K. Adams			
Schinia meadi	Morton: Elkhart (Cimarron Nat. Grassland)	15-May-12	KLS
early; leg James K. Adams & Irving Finkelstein; id James K. Adams			
Schinia regina	Morton: Elkhart (Cimarron Nat. Grassland)	15-May-12	KLS
early; leg James K. Adams & Irving Finkelstein; id James K. Adams			
Protorthodes alfkeni	MORTON: Elkhart, 2.5 N (Turnerville Sta)	07-May-11	KLS
STATE record; leg Kenneth L. Brunson; id Jan Metlevski			
EREBIDAE			
Thysania zenobia	MEADE: Meade	13-Jul-12	KLS
4th state record; leg Alley Ross; id by Charles A. Ely			
Drasteria mirifica	Morton: Elkhart (Cimarron Nat. Grassland)	15-May-12	KLS
1000+; leg James K. Adams & Irving Finkelstein; id James K. Adams			
Catocala illecta	BARBER: Medicine Lodge, 4 W.	14-May-12	KLS
rare in west; leg James K. Adams & Irving Finkelstein; id James K. Adams			

NEBRASKA

Neil Dankert reported "a great year early that turned hot, dry and ugly." He indicated there had been "a lot of earliest date records."

Butterflies

HESPERIIDAE

Epargyreus clarus	JEFFERSON: Rock Creek Station SHP	18-May-12	SMS
Epargyreus clarus	DAWSON: Plum Creek Canyon Reservoir	01-Sep-12	NED
Staphylus hayhurstii	PAWNEE: Table Rock SWMA	10-May-12	SMS
Staphylus hayhurstii	CASS: Plattsmouth -- Horning Tree Farm	24-May-12	SMS
Ancyloxypha numitor	HARLAN: Republican River, S of Orleans	15-May-12	SMS
Hylephila phyleus	DAWSON: Alfalfa field, just S of Central Midway Lake	01-Sep-12	NED
Atalopedes campestris	PAWNEE: Table Rock SWMA	10-May-12	SMS
Poanes hobomok	HARLAN: Republican River, S of Orleans	15-May-12	SMS
Megathymus yuccae coloradensis	LOGAN: 3.5 mi S, 12 mi E Stapleton	02-Sep-12	NED
One empty tent			
Megathymus yuccae coloradensis	CUSTER: 3 mi S Arnold	02-Sep-12	NED
One empty tent; seen in company with JMR & JTR			

PAPILIONIDAE

Eurytides marcellus	CASS: Plattsmouth -- Horning Tree Farm	24-May-12	SMS
Papilio multicaudata	LOGAN: 3.5 mi S, 12 mi E Stapleton	02-Sep-12	JMR
5 larvae on chokecherry			

PIERIDAE

Pontia protodice	PAWNEE: Table Rock SWMA	26-Apr-12	SMS
Pontia protodice	MERRICK: Bader Park	28-May-12	NED
Euchloe olympia	PAWNEE: Table Rock SWMA	06-Apr-12	SMS
Colias philodice	CUSTER: 2 mi W, 1 mi N Arnold	02-Sep-12	NED
Pyrisitia lisa	DAWSON: 6.5 mi S Gothenburg	01-Sep-12	JMR
Abaeis nicippe	HARLAN: Republican River, S of Orleans	15-May-12	SMS
Nathalis iole	HAMILTON: Jct Hwys 14 & 66	28-May-12	DKM
3 collected, in company with NED			

LYCAENIDAE

Callophrys gryneus	PAWNEE: Table Rock SWMA	31-Mar-12	SMS
Record attributable to G. Morgal			
Strymon melinus franki	PAWNEE: Table Rock SWMA	04-Apr-12	SMS
Parrhasius m-album	SARPY: Fontanelle Forest	01-Aug-12	RJS
STATE; 2 photographed			
Brephidium exilis	GARDEN: Platte River, 1 mi S Lewellen	26-Aug-12	NED

Plebejus lupini texanus	CUSTER: 3 mi S Arnold	02-Sep-12	JMR
NYMPHALIDAE			
Libytheana carinenta	PAWNEE: Table Rock SWMA	10-May-12	SMS
Libytheana carinenta	GAGE: 4 mi W, 0.5 mi N Adams	27-May-12	DR3
Danaus gilippus berenice	HAMILTON: Jct Hwys 14 & 66	28-May-12	NED
Anaea andria	PAWNEE: Table Rock SWMA	26-Apr-12	SMS
Asterocampa clyton	PAWNEE: Table Rock SWMA	22-Jun-12	SMS
Vanessa cardui	JEFFERSON: Rock Creek Station SHP	18-May-12	SMS
Vanessa virginiensis	MERRICK: Bader Park	28-May-12	NED
Polygonia progne	PAWNEE: Table Rock SWMA	10-May-12	SMS
Junonia coenia	CUSTER: 3 mi S Arnold	02-Sep-12	JMR
1 seen; in company with JTR			
Phyciodes phaon	GAGE: 4 mi W, 0.5 mi N Adams	20-May-12	DR3
Moths			
PSYCHIDAE			
Thyridopteryx ephemeraeformis	DOUGLAS: Neale Woods	11-Sep-12	LBP
GRACILLARIIDAE			
Phyllonorycter celtifoliella	DOUGLAS: Neale Woods	04-Nov-12	J_P
STATE; identified by Terry Harrison/Charley Eiseman			
GELECHIIDAE			
Brachmia hystricella	SARPY: Fontanelle Forest	16-Aug-12	LBP
STATE			
THYRIDIDAE			
Dysodia oclatana	SARPY: Fontanelle Forest	08-Jun-12	LBP
CRAMBIDAE			
Crambus leachellus	DOUGLAS: Neale Woods	11-Sep-12	LBP
Lineodes integra	SARPY: Fontanelle Forest	04-Sep-12	LBP
STATE; identified by Maury J. Heiman			
Loxostege cereralis	DOUGLAS: Neale Woods	11-Sep-12	LBP
Mimoschinia rufofascialis	DOUGLAS: Neale Woods	11-Sep-12	LBP
Palpita magniferalis	SARPY: Fontanelle Forest	10-Apr-12	LBP
Perispasta caeculalis	SARPY: Fontanelle Forest	16-Aug-12	LBP
Udea rubigalis	SARPY: Fontanelle Forest	03-May-12	LBP
PYRALIDAE			
Hypsopygia olinalis	SARPY: Fontanelle Forest	04-Sep-12	LBP
Plodia interpunctella	SARPY: Fontanelle Forest	11-Apr-12	RJS
ZYGAENIDAE			
Harrisina americana	SARPY: Fontanelle Forest	22-Jul-12	LBP
COSSIDAE			
Prionoxystus robiniae	SARPY: Fontanelle Forest	28-Jun-12	RJS
LIMACODIDAE			
Euclea delphinii	SARPY: Fontanelle Forest	23-May-12	LBP
TORTRICIDAE			
Eucosma derelecta	SARPY: Fontanelle Forest	17-Aug-12	LBP
STATE			
Cydia pomonella	SARPY: Fontanelle Forest	12-Jul-12	RJS
Decodes basiplaganus	SARPY: Fontanelle Forest	27-Sep-12	RJS
STATE			
EPIPLEMIDAE			
Callizzia amorata	SARPY: Fontanelle Forest	02-Jun-12	LBP
STATE			
GEOMETRIDAE			
Macaria aemulataria	SARPY: Fontanelle Forest	03-Apr-12	LBP
Enconista dislocaria	SARPY: Fontanelle Forest	02-Apr-12	LBP
Identified by Paul Dennehy			
Anavitrinella pampinaria	SARPY: Fontanelle Forest	06-Apr-12	LBP
Cleora sublunaria	SARPY: Fontanelle Forest	23-Mar-12	LBP
STATE; identified by Paul Dennehy			
Protopoarmia porcelaria	SARPY: Fontanelle Forest	03-Oct-12	LBP
STATE			
Melanolophia signataria	SARPY: Fontanelle Forest	09-Apr-12	RJS
Identified by Mamata Polle			

Lycia ypsilon	SARPY: Fontanelle Forest	23-Mar-12	LBP
STATE; identified by Paul Dennehy			
Hypagyrtis unipunctata	SARPY: Fontanelle Forest	06-Aug-12	LBP
Phigalia titea	SARPY: Fontanelle Forest	24-Mar-12	LBP
Paleacrita vernata	SARPY: Fontanelle Forest	13-Mar-12	LBP
Erannis tiliaria	SARPY: Fontanelle Forest	31-Oct-12	LBP
Nacophora quernaria	SARPY: Fontanelle Forest	25-Apr-12	LBP
STATE			
Eusarca confusaria	SARPY: Fontanelle Forest	29-May-12	LBP
STATE			
Eugonobapta nivosaria	SARPY: Fontanelle Forest	02-Jun-12	LBP
Eutrapela clemataria	SARPY: Fontanelle Forest	06-Apr-12	LBP
Nemoria bistriaria	SARPY: Fontanelle Forest	10-Apr-12	27-Jun-12 LBP
STATE			
Synchlora aerata	SARPY: Fontanelle Forest	04-Sep-12	LBP
Pleuroprucha insulsaria	DOUGLAS: Neale Woods	11-Sep-12	LBP
Haematopis grataria	SARPY: Fontanelle Forest	02-Sep-12	LBP
Scopula limboundata	SARPY: Fontanelle Forest	26-May-12	LBP
Orthonama obstipata	SARPY: Fontanelle Forest	10-Apr-12	LBP
Trichodezia albovittata	SARPY: Fontanelle Forest	08-Jun-12	LBP
Operophtera bruceata	SARPY: Fontanelle Forest	18-Nov-12	LBP
STATE			
Eubaphe mendica	SARPY: Fontanelle Forest	26-May-12	LBP
Heterophleps refusaria	SARPY: Fontanelle Forest	24-Apr-12	LBP
STATE; identified by Mark Brown			
THYATIRIDAE			
Euthyatira pudens	SARPY: Fontanelle Forest	05-Apr-12	RJS
LASIOCAMPIDAE			
Phyllodesma americana	SARPY: Fontanelle Forest	05-Apr-12	RJS
SATURNIIDAE			
Sphingicampa bisecta	PAWNEE: Table Rock SWMA	26-Jun-12	SMS
Automeris io	SARPY: Fontanelle Forest	08-Jun-12	RJS
SPHINGIDAE			
Manduca quinquemaculatus	PAWNEE: Table Rock SWMA	26-Jun-12	SMS
Ceratomia amyntor	NEMAHA: Indian Cave SP	19-Jun-12	SMS
Ceratomia amyntor	PAWNEE: Table Rock SWMA	26-Jun-12	SMS
Ceratomia undulosa	NEMAHA: Indian Cave SP	19-Jun-12	SMS
Amorpha juglandis	PAWNEE: Table Rock SWMA	26-Jun-12	SMS
Pachysphinx modesta	NEMAHA: Indian Cave SP	19-Jun-12	SMS
Hemaris thysbe	SARPY: Fontanelle Forest	31-Jul-12	LBP
Eumorpha pandorus	NEMAHA: Indian Cave SP	19-Jun-12	SMS
Eumorpha pandorus	PAWNEE: Table Rock SWMA	26-Jun-12	SMS
Deidamia inscriptum	NEMAHA: Brownsville Cemetery	31-Mar-12	SMS
Record attributable to A. Matz			
Darapsa myron	RICHARDSON: Indian Cave SP	19-Jun-12	SMS
Darapsa myron	PAWNEE: Table Rock SWMA	26-Jun-12	SMS
NOTODONTIDAE			
Gluphisia septentrionis	SARPY: Fontanelle Forest	01-Jul-12	LBP
Datana ministra	SARPY: Fontanelle Forest	27-Jun-12	LBP
Heterocampa subrotata	SARPY: Fontanelle Forest	26-May-12	LBP
Lochmaeus bilineata	SARPY: Fontanelle Forest	06-Jun-12	LBP
Schizura ipomoeae	SARPY: Fontanelle Forest	06-Jun-12	RJS
Identified by Ray Simpson			
NOCTUIDAE			
Megalographa biloba	SARPY: Fontanelle Forest	24-Apr-12	LBP
Anagrapha falcifera	SARPY: Fontanelle Forest	13-Apr-12	RJS
Identified by LBP			
Maliattha synochitis	SARPY: Fontanelle Forest	11-May-12	LBP
Cerma cerintha	SARPY: Fontanelle Forest	21-May-12	RJS
Acontia aprica	SARPY: Fontanelle Forest	26-Jul-12	RJS
Cucullia convexpipennis	SARPY: Fontanelle Forest	16-Apr-12	LBP

Phosphila miselioides	SARPY: Fontanelle Forest	21-Aug-12	J_P
Helicoverpa zea	SARPY: Fontanelle Woods	04-Sep-12	LBP
Schinia nundina	DOUGLAS: Neale Woods	12-Aug-12	LBP
Galgula partita	SARPY: Fontanelle Forest	28-Apr-12	LBP
Identified by Maury J. Heiman			
Dypterygia rozmani	SARPY: Fontanelle Forest	04-Sep-12	LBP
Oligia modica	SARPY: Fontanelle Forest	17-Sep-12	LBP
STATE			
Papaipema cataphracta	SARPY: Fontanelle Forest	03-Oct-12	LBP
Sunira bicolorago	SARPY: Fontanelle Forest	03-Nov-12	LBP
Nephelodes minians	DOUGLAS: Neale Woods	11-Sep-12	LBP
Faronta rubripennis	NEMAHA: Indian Cave SP	14-Aug-12	SMS
STATE			
Dichagyris grotei	DOUGLAS: Neale Woods	11-Sep-12	LBP
STATE			
Feltia jaculifera	DOUGLAS: Neale Woods	11-Sep-12	LBP
Noctua pronuba	DOUGLAS: Neale Woods	11-Sep-12	LBP
Identified by Bill Oehlke			
EREBIDAE			
Pyrrharctia isabella	SARPY: Fontanelle Forest	28-Apr-12	LBP
Hypercompe scribonia	SARPY: Fontanelle Forest	07-Jun-12	R_B
Identified by LBP			
Haploa lecontei	SARPY: Fontanelle Forest	03-May-12	LBP
Halysidota tessellaris	SARPY: Fontanelle Forest	17-Jun-12	LBP
Orgyia leucostigma	SARPY: Fontanelle Forest	07-Jul-12	LBP
Rivula propinqualis	SARPY: Fontanelle Forest	28-Apr-12	LBP
Idia aemula	SARPY: Fontanelle Forest	23-May-12	LBP
Phalaenophana pyramusalis	SARPY: Fontanelle Forest	03-May-12	LBP
STATE; identified by Mark Brown			
Zanclognatha pedipalis	SARPY: Fontanelle Forest	13-May-12	LBP
Lascoria ambigualis	SARPY: Fontanelle Forest	06-Apr-12	LBP
STATE			
Hypena scabra	SARPY: Fontanelle Forest	28-Apr-12	LBP
Isogona tenuis	SARPY: Fontanelle Forest	04-Jun-12	LBP
STATE			
Plusiodonta compressipalpis	SARPY: Fontanelle Forest	06-Apr-12	RJS
Phoberia atomaris	SARPY: Fontanelle Forest	15-Mar-12	LBP
Zale lunata	SARPY: Fontanelle Forest	06-Apr-12	LBP
Zale minerea	SARPY: Fontanelle Forest	03-Apr-12	RJS
STATE; identified by Ray Simpson			
Catocala habilis	SARPY: Fontanelle Forest	10-Aug-12	LBP
Identified by Bill Oehlke			
Catocala innubens	PAWNEE: Table Rock SWMA	26-Jun-12	SMS
Catocala ulalume	LANCASTER: in Lincoln	27-Jun-12	SMS
STATE; 1 collected at bait; photograph identified by J. Slotten and R. Borth			
Catocala ulalume	NEMAHA: Indian Cave SP scenic overlook	03-Jul-12	SMS
Photograph identified by J. Slotten and R. Borth			
NOLIDAE			
Meganola minuscula	SARPY: Fontanelle Forest	05-Apr-12	RJS
STATE			
Baileya australis	SARPY: Fontanelle Forest	16-Aug-12	LBP
STATE			

NORTH DAKOTA

Ron Royer reported a relatively early season for North Dakota, following two previously very wet summers, with continued widespread scarcity of hesperiine skippers. Field work centered around USFWS survey of ESA candidate Dakota Skipper and Poweshiek Skipperling at 28 historically reported locations. The Poweshiek Skipperling was not encountered at any site; Dakota Skippers were found at only two locations outside McHenry County (near-shore Glacial Lake Souris), and encounter frequency there was approximately half that of equivalent surveys during the period 1996-1998.

Butterflies

HESPERIIDAE

Thymelicus lineola	ROLETTE: 4.0 miles east of Dunseith	05-Jul-12	RAR
Farthest WEST in state			
Hesperia dacotae	McHenry: Several Towner-karlsruhe Habitat Complex Site	26-Jun-12	13-Jun-12 RAR

NYMPHALIDAE

Speyeria idalia Common, NORTHEAST	McHenry: Klein's Meadow	02-Jul-12	13-Jul-12	RAR
Speyeria idalia Abundant	Oliver: Cross Ranch TNC Preserve; T143N R82W, Sxn 35	09-Jul-12		RAR

OKLAHOMA

According to John Fisher, the 2011 drought became even worse during 2012, and winter 2012-2013 was forecast to continue the drier-than-normal conditions. In December 2012, 100% of the state was classified in the "severe drought" category, with more than 90% experiencing "extreme drought," with approximately 35% in the "exceptional" category.

Butterflies**HESPERIIDAE**

Urbanus dorantes photo, 2nd record for state	McCurtain: Red Slough WMA	04-Nov-12		WDA
Urbanus proteus photo	LEFLORE: Haw Community	29-Jun-12		GEB
Erynnis baptisiae photo	OTTAWA: Peoria, 1.5 mi S	05-Jun-12		A&W
Erynnis funeralis photo, ovipositing	NOWATA: 4 Mi E, 1 mi N of Jct US 169 & Hwy 10	05-May-12		KCW
Erynnis funeralis photo	ADAIR: Stillwell City Lake, below dam along outflow creek	09-May-12		A&W
Erynnis juvenalis photo by D Smith	JOHNSTON: Tishomingo NWR, Dick's Pond parking lot	21-Mar-12		JFF
Amblyscirtes belli photo	ROGERS: Collinsville City Lake	23-Apr-12		JWA
Amblyscirtes belli photo	WOODWARD: Boiling Springs SP	25-Apr-12		GLP
Amblyscirtes hegon	MAYES: Spavinaw GMA, SE of Lake Spavinaw Dam	22-Apr-12		JFF
Amblyscirtes hegon photo	OSAGE: Woolaroc	02-Jun-12		JP2
Amblyscirtes linda photo	WAGONER: Lake Bixhoma	27-Mar-12		SKS
Amblyscirtes linda photo	CHEROKEE: TNC Nickel Preserve	08-Apr-12		GLP
Lerema accius photo by L Truax	CADDO: Lake Elsworth, north end	02-Apr-12		JFF
Lerema accius	CUSTER: Washita NWR, Riverside RA	05-Oct-12		F-N
Ancyloxypha numitor	CUSTER: Washita NWR, Riverside RA	05-Oct-12		F-N
Wallengrenia egeremet photo	WAGONER: Lake Bixhoma	28-May-12		SKS
Euphyes dion	CUSTER: Washita NWR, Riverside RA	05-Oct-12		F-N
Atrytonopsis hianna photo	WAGONER: Lake Bixhoma	#####		JWA
Atrytonopsis hianna photo	ATOKA: McGee Creek WMA, Canebreak Rd	02-Apr-12		SKS
Megathymus yuccae photo	MCCURTAIN: Cedar Creek at FR 400	05-Apr-12		BAH
Megathymus yuccae photo, ovipositing	PONTOTOC: TNC Pontotoc Ridge Preserve	18-Apr-12		BER

PAPILIONIDAE

Eurytides marcellus photo by P Pelton	ADAIR: Watts	22-May-12	27-May-12	JMN
Papilio troilus photo	ROGERS: Owasso, 4 mi E	12-Jul-10		KCW

LYCAENIDAE

Atlides halesus photo by J Copeland	BRYAN: US Hwy 70, E of Roosevelt bridge	21-Apr-12		JFF
Atlides halesus photo by P Morton via BugGuide	MARSHALL: Willis, OUBS	11-May-12		JFF
Satyrium calanus at porch light	CARTER: Lake Murray SP, cabins	06-May-12		JMN
Satyrium liparops photo	CHEROKEE: Cherokee WMA	15-May-12		SKS
Satyrium liparops photo	WAGONER: Lake Bixhoma	23-May-12		SKS

Calophrys gryneus photo	PUSHMATAHA: Pushmataha WMA	13-Mar-12	KCW
Calophrys spinetorum photo by G Pierson	CIMARRON: TNC Black Mesa Nature Preserve	01-May-12	JP2
Brephidium exilis photo by Lou Truax	TILLMAN: Hackberry Flat WMA	13-May-12	JFF
Brephidium exilis photo by M Seubert	KAY: Blackwell	01-Nov-12	JFF
Echinargus isola photo	OTTAWA: Peoria, 1.5 mi S	08-Jun-12	A&W
NYMPHALIDAE			
Danaus gilippus photo by A. Bennett	COAL: Clarita	11-Oct-12	JFF
Agraulis vanillae photo by M Seubert	KAY: Blackwell	23-Oct-12	JFF
Speyeria diana photo, male , on Asclepias tuberosa	WAGONER: Lake Bixhoma	01-May-55	SKS
Speyeria diana 2nd record, 2 females on the prairie	Osage: TNC Tallgrass Prairie Preserve	23-Jun-12	JFF
Asterocampa clyton	OTTAWA: Peoria, 1.5 mi S	08-Jun-12	A&W
Nymphalis antiopa photo by Lou Truax	TILLMAN: Hackberry Flat WMA	07-Feb-12	JFF
Nymphalis antiopa	LOVE: Hickory Creek WMA	05-May-12	JMN
Nymphalis antiopa photo by Pat Hoerth at hummingbird feeder	NOBLE: Red Rock	11-Sep-12	JFF
Moths			
PRODOXIDAE			
Prodoxus quinquepunctella photo, fide Olle Pellmyr on BugGuide	CLEVELAND: Norman	09-May-11	VDB
ACROLOPHIDAE			
Acrolophus cressoni photo	OKMULGEE: Henryetta	08-Jul-12	CSL
Acrolophus popeanella at BL, 2	JOHNSTON: TNC Oka' Yanahli Preserve	25-Aug-12	JFF
PSYCHIDAE			
Thyridopteryx ephemeraeformis at BL	JOHNSTON: TNC Oka' Yanahli Preserve	25-Aug-12	JFF
GELECHIIDAE			
Deltophora sella photo	MAYES: Pryor	10-Jul-12	RW2
THYRIDIDAE			
Thyris maculata photo	MAYES: Pryor	26-Aug-12	RW2
Thyris sepulchralis photo	OKMULGEE: Deep Fork NWR	22-Apr-07	CSL
CRAMBIDAE			
Crambus leachellus at BL	JOHNSTON: TNC Oka' Yanahli Preserve	25-Sep-12	JFF
Euchromius ocellus at BL	JOHNSTON: TNC Oka' Yanahli Preserve	25-Aug-12	JFF
Euchromius ocellus at BL	CUSTER: Foss SP	05-Oct-12	JMN
Hellula rogatalis photo	TEXAS: Texoma	24-Oct-12	KFS
Helvibotys pucilla photo	WASHINGTON: Bartlesville	17-Jun-12	MJD
Herpetogramma bipunctalis photo	MAYES: Pryor	03-Sep-12	RW2
Lineodes integra at BL	JOHNSTON: TNC Oka' Yanahli Preserve	25-Aug-12	JFF
Lineodes interrupta at BL	JOHNSTON: TNC Oka' Yanahli Preserve	25-Aug-12	JFF
Microtheoris ophionalis 1, at MV light	TILLMAN: Davidson	08-Jul-12	VXA
Microtheoris vibicalis at BL	JOHNSTON: TNC Oka' Yanahli Preserve	25-Aug-12	JFF

Nomophila nearctica at BL	JOHNSTON: TNC Oka' Yanahli Preserve	25-Aug-12	JFF
Petrophila bifascialis at BL, 2	JOHNSTON: TNC Oka' Yanahli Preserve	25-Aug-12	JFF
Petrophila fulcalis photo	MAYES: Pryor	01-Sep-12	RW2
Pilocrocis ramentalis at BL	JOHNSTON: TNC Oka' Yanahli Preserve	25-Sep-12	JFF
Polygrammodes flavidalis at BL, 5	JOHNSTON: TNC Oka' Yanahli Preserve	25-Aug-12	JFF
Pyrausta volupialis photo by J Blackford	TULSA: Collinsville	26-Sep-12	JFF
Spoladea recurvalis at BL	JOHNSTON: TNC Oka' Yanahli Preserve	25-Sep-12	JFF
Thaumatopsis pexella at BL	CUSTER: Foss SP	05-Oct-12	JMN
Urola nivalis at BL	JOHNSTON: TNC Oka' Yanahli Preserve	25-Aug-12	JFF
PYRALIDAE			
Galasa nigrinodis photo	MAYES: Pryor	30-Aug-12	RW2
Pococera applastella 1, at MV light	TILLMAN: Davidson	08-Jul-13	VXA
Heterographis morrisonella 2, at MV light, STATE	TILLMAN: Davidson	08-Jul-13	VXA
Baphala basimaculatella 1, at MV light	TILLMAN: Davidson	08-Jul-13	VXA
SESIIDAE			
Synanthedon arkansasensis photo	WAGONER: Lake Bixhoma	28-May-12	SKS
Synanthedon rileyana photo	MAYES: Pryor	23-Sep-11	RW2
ZYGAENIDAE			
Harrisina americana texana photo A Goodman via BugGuide	SEMINOLE: Seminole	29-May-11	JFF
COSSIDAE			
Prionoxystus robiniae photo	MCCURTAIN: Red Slough WMA	02-May-12	WDA
LIMACODIDAE			
Euclea delphinii photo, at light	ROGERS: Owasso, 4 mi E	02-May-12	KCW
TORTRICIDAE			
Sparganothis niveana at BL	JOHNSTON: TNC Oka' Yanahli Preserve	25-Sep-12	JFF
EPIPLEMIDAE			
Callizzia amorata photo	OKMULGEE: Henryetta	29-May-08	CSL
GEOMETRIDAE			
Digrammia triviata at BL	CUSTER: Foss SP	05-Oct-12	JMN
Narraga fimetaria at BL	JOHNSTON: TNC Oka' Yanahli Preserve	25-Aug-12	JFF
Synchlora aerata at BL	JOHNSTON: TNC Oka' Yanahli Preserve	25-Sep-12	JFF
Idaea occidentaria 1, at MV light, STATE	TILLMAN: Davidson	08-Jul-13	VXA
Scopula inductata at BL	CUSTER: Foss SP	05-Oct-12	JMN
APATELODIDAE			
Apatelodes torrefacta photo	LEFLORE: Haw Creek Community	12-Jul-12	GEB
SATURNIIDAE			
Eacles imperialis photo by J Hopkins at porch light	JOHNSTON: Milburn	06-Aug-12	JFF
Antheraea polyphemus photo	WAGONER: Lake Bixhoma	30-Mar-12	JWA

Antheraea polyphemus at BL	JOHNSTON: TNC Oka' Yanahli Preserve	25-Aug-12	JFF
Actias luna at BL	JOHNSTON: TNC Oka' Yanahli Preserve	25-Aug-12	JFF
SPHINGIDAE			
Agrilus cingulata photo by s Metz	NOWATA: Nowata, 6 mi E, 1/2 mi N on Lake Oologah	28-Oct-12	JFF
Dolba hyloeus photo	MAYES: Pryor	30-Jul-09	RW2
Smerinthus jamaicensis photo	MCCURTAIN: Red Slough WMA	09-May-37	WDA
Smerinthus jamaicensis photo	LEFLORE: Haw Creek Community	31-Aug-12	GEB
Smerinthus jamaicensis photo by J. Roach	MARSHALL: Tishomingo NWR, WMU	07-Sep-12	JFF
Paonias excaecata at BL	JOHNSTON: TNC Oka' Yanahli Preserve	25-Aug-12	JFF
Erinnyis obscura 2, at MV light	TILLMAN: Davidson	08-Jul-13	VXA
Hemaris thysbe photo	PUSHMATAHA: Pushmataha WMA	13-Mar-12	KCW
Eumorpha achemon at BL	JOHNSTON: TNC Oka' Yanahli Preserve	25-Aug-12	JFF
Proserpinus juanita photo, on Cephalanthus occidentalis	OSAGE: TNC Tallgrass Prairie Preserve	18-Jul-11	JP2
NOTODONTIDAE			
Hyperaeschra georgica at porch light	CARTER: Lake Murray SP, cabins	03-May-12	JMN
Nerice bidentata photo, larva	MARSHALL: Willis, OUBS	27-Apr-12	MAQ
Gluphisia septentrionis at BL	JOHNSTON: TNC Oka' Yanahli Preserve	25-Sep-12	JFF
Peridea angulosa at BL	JOHNSTON: TNC Oka' Yanahli Preserve	25-Aug-12	JFF
Lochmaeus bilineata at BL	JOHNSTON: TNC Oka' Yanahli Preserve	25-Sep-12	JFF
Schizura leptinoides at BL	JOHNSTON: TNC Oka' Yanahli Preserve	25-Aug-12	JFF
Hyparpax aurora at porch light	CARTER: Lake Murray SP, cabins	05-May-12	JMN
NOCTUIDAE			
Megalographa biloba photo	PUSHMATAHA: Pushmataha WMA	13-Mar-12	KCW
Megalographa biloba at porch light	CARTER: Lake Murray SP, cabins	06-May-12	JMN
Anagrapha falcifera photo	DELAWARE: Lake Eucha at confluence of Beatty & Spavinaw Cks	22-Apr-12	JP2
Acontia flavipennis at BL	JOHNSTON: TNC Oka' Yanahli Preserve	25-Sep-12	JFF
Xerociris wilsonii photo, larva on Cissus incise	PONTOTOC: TNC Pontotoc Ridge Preserve, Walnut Springs Canyo	30-Apr-12	JAT
Psychomorpha epimenis photo by D Smith	JOHNSTON: Tishomingo NWR	13-Mar-12	JFF
Psychomorpha epimenis photo	NOWATA: 4 mi E, 1 mi N of Jct US 169 & Hwy 10	18-Mar-12	KCW
Eupseudomorpha brillians photo	TEXAS: Texoma	23-Apr-07	KFS
Cucullia alfarata photo by N Townsend via Bug Guide	CREEK: Tulsa	05-Oct-09	JFF
Homohadena infixa at porch light	CARTER: Lake Murray SP, cabins	03-May-12	JMN
Phosphila miselioides photo	LEFLORE: Haw Creek Community	20-Jul-12	GEB
Heliocheilus lupatus photo	MAYES: Pryor	02-Sep-12	RW2
Schinia arcigera photo	MAYES: Pryor	26-Aug-12	RW2

Schinia chrysellae at BL	JOHNSTON: TNC Oka' Yanahli Preserve	25-Aug-12	JFF
Schinia gracilentae at BL	JOHNSTON: TNC Oka' Yanahli Preserve	25-Aug-12	JFF
Schinia mortua leg. M Kistenmacher	CLEVELAND: Norman	17-Sep-12	JMN
Schinia rivulosa at BL	JOHNSTON: TNC Oka' Yanahli Preserve	25-Aug-12	JFF
Schinia volupia photo	WOODWARD: Woodward	07-Jun-12	RW2
Spodoptera exigua at BL, 8	CUSTER: Foss SP	05-Oct-12	JMN
Galgula partita 2, at BL	CUSTER: TNC Oka' Yanahli Preserve	25-Sep-12	JFF
Magusa divaricata photo	TEXAS: Texoma	15-Oct-12	KFS
Faronta diffusa at BL	JOHNSTON: TNC Oka' Yanahli Preserve	25-Aug-12	JFF
Lacinipolia explicata at BL	JOHNSTON: TNC Oka' Yanahli Preserve	25-Sep-12	JFF
Lacinipolia teligera at BL	CUSTER: Foss SP	05-Oct-12	JMN
Lacinipolia vicina at BL, 2	CUSTER: Foss SP	05-Oct-12	JMN
Protorthodes incincta at BL, 3	CUSTER: Foss SP	05-Oct-12	JMN
Feltia jaculifera 6, at BL	JOHNSTON: TNC Oka' Yanahli Preserve	25-Sep-12	JFF
Feltia jaculifera at BL, 4	CUSTER: Foss SP	05-Oct-12	JMN
Agrotis venerabilis at BL, 2	CUSTER: Foss SP	05-Oct-12	JMN
Agnorisma badinodis at BL	CUSTER: Foss SP	05-Oct-12	JMN
EREBIDAE			
Lycomorpha pholus photo by C Ivy via BugGuide	ADAIR: Stillwell, Caney Creek	15-Sep-12	JFF
Lycomorpha pholus photo by A Goodman via BugGuide	SEMINOLE: Seminole	23-Sep-12	JFF
Holomelina rubicundaria 2, at BL	JOHNSTON: TNC Oka' Yanahli Preserve	25-Sep-12	JFF
Grammia parthenice intermedia 2, at BL	JOHNSTON: TNC Oka' Yanahli Preserve	25-Sep-12	JFF
Grammia parthenice intermedia at BL	CUSTER: Foss SP	05-Oct-12	JMN
Cyrcia inopinatus at BL	JOHNSTON: TNC Oka' Yanahli Preserve	25-Aug-12	JFF
Euchaetes zella 1, at MV light	TILLMAN: Davidson	08-Jul-13	VXA
Pygarctia abdominalis 2, at MV light	TILLMAN: Davidson	08-Jul-13	VXA
Hypocala andremona photo	TEXAS: Texoma	03-Oct-12	KFS
Phoberia atomaris at light	PAWNEE: Keystone Lake Peninsula area	29-Feb-12	PWR
Phoberia atomaris photo	CHEROKEE: Cookson WMA	05-Mar-12	KCW
Anticarsia gemmatalis at BL	CUSTER: Foss SP	05-Oct-12	JMN
Zale galbanata at porch light	CARTER: Lake Murray SP, cabins	06-May-12	JMN
Catocala connubialis at light	MCCURTAIN: Red Slough WMA	09-May-12	WDA
Catocala epione photo	OKMULGEE: Deep Fork WMA	19-Jun-12	KCW
Catocala ilia photo A Goodman via BugGuide	SEMINOLE: Seminole	19-May-11	JFF

Catocala ilia at porch light	CARTER: Lake Murray SP, cabins	03-May-12	JMN
Catocala lacrymosa photo	MAYES: Pryor	05-Jul-12	RW2
Catocala maestosa	MAYES: Pryor	03-Sep-12	RW2
Catocala neogama	MAYES: Pryor	01-Jul-12	RW2
NOLIDAE			
Baileya australis	JOHNSTON: TNC Oka' Yanahli Preserve	25-Aug-12	JFF

Zone 6 Texas

Texas

Coordinator: Charles W. Bordelon, Jr.

Contributors Cited:

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NVG : Nick V Grishin	MH1 : Maury Heiman	AH1 : Andy Hewetson
ECK : Edward C. Knudson	RMK : Richard M. Kostecke	JMC : James McDermott
MPG : Moth Photographers Group	BN1 : Berry Nall	BBN : Bob Nuelle Jr & Bob Nuelle III
MAQ : Mike Quinn	MR2 : Mike Rickard	CRS : Charles R. Sassine
CSX : Chuck Sexton	DTA : Don Tangren	TBL : Texas Butterfly Listserve
MDV : Michael D. VanBuskirk	RHW : Roland H Wauer	DJW : Donald J. Wright
Y/T : M. York & H. Trudell		

General Comments:

After two years of drought, spring was kind to most of Texas with no major freezes, adequate rainfall, and a long, cool spring. It was not unusual to have highs in the 80's and lows in the 60's through May. Many species emerged in great numbers in the spring months, and there were massive flights of *Papilio palamedes* and *Nymphalis antiopa* in East Texas. In the case of *N. antiopa*, a flight of this magnitude had not been seen since 1981. It was a stellar year for moths, but butterflies in South Texas remained low in numbers, except for a couple of novelties in late December. There were 1609 entries for 2012. There were 6 new US RECORDS contributing to a total of 40 STATE RECORDS. There were two additional geometrids new to the US; not posted because they remain unidentified. There were 1194 COUNTY RECORDS. The author wishes to thank Ed Knudson, James McDermott, and Nick Grishin for their generous assistance in the editing process. This summary is the largest ever posted for Zone 6.

TEXAS

Butterflies

HESPERIIDAE

<i>Phocides polybius lilea</i>	Hidalgo: Santa Ana NWR	21-Feb-12	22-Mar-12	MR2
<i>Phocides polybius lilea</i>	Hidalgo: Alamo	28-Sep-12	05-Dec-12	B/K
<i>Phocides polybius lilea</i> larvae in shelters on <i>Psidium guajava</i> .	Hidalgo: Alamo	15-Nov-12		RWB
<i>Proteides mercurius</i>	Hidalgo: Santa Ana NWR	22-Mar-12		MR2
<i>Proteides mercurius</i>	Hidalgo: Mission	11-Nov-12		TBL
<i>Polygonus leo arizonensis</i>	Starr: Falcon Heights	03-Mar-12		BN1
<i>Polygonus leo arizonensis</i>	SABINE: Collorow Cr.	28-Apr-12		CWB
<i>Aguna asander</i> last in Starr Co., Falcon Heights (BN1)	Hidalgo: Mission	16-Oct-12	12-Nov-12	ECK
<i>Typhedanus undulatus</i> last seen in US in 1986 (RWB)	Hidalgo: Weslaco	20-Nov-12		CWB
<i>Urbanus procne</i> M. Heindel	UVALDE: Utopia	17-Jul-12		TBL
<i>Urbanus proteus</i> very early record; October is usual.	Jefferson: Beaumont	10-May-12		CWB
<i>Urbanus proteus</i>	Concho: Eden	22-Jul-12		CWB
<i>Astrartes anaphus annetta</i>	Hidalgo: Mission	19-Dec-12		TBL
<i>Astrartes fulgerator azul</i>	Hidalgo: Santa Ana NWR	22-Mar-12		MR2
<i>Achalarus lyciades</i>	Sabine: Sabine NF, FR 113	16-Mar-12	17-Mar-12	B/K
<i>Achalarus toxeus</i>	Hidalgo: Alamo	20-Oct-12		CWB
<i>Thorybes bathyllus</i>	Sabine: Sabine NF, FR 113	16-Mar-12	16-Jun-12	ECK
<i>Thorybes bathyllus</i>	Sabine: Six Mile	16-Jun-12		B/K
<i>Thorybes confusis</i>	Sabine: Sabine NF, FR 113	16-Mar-12		ECK
<i>Thorybes confusis</i>	WOOD: Jarvis CC	27-Jul-12		BBN

<i>Thorybes drusus</i>	Brewster: Marathon	15-Jul-12		Y/T
<i>Spathilepia clonius</i>	Hidalgo: Santa Ana NWR	07-May-12		MR2
<i>Spathilepia clonius</i>	Cameron: San Benito	30-Jun-12		TBL
<i>Spathilepia clonius</i>	Hidalgo: Mission	08-Jul-12		TBL
<i>Spathilepia clonius</i>	Hidalgo: Mission	09-Nov-12		RWB
<i>Cogia calchas</i>	Hidalgo: Rio Rico Rd.	17-Oct-12	07-Nov-12	B/K
<i>Arteurotia tractipennis</i>	Hidalgo: Mission	05-Oct-12		TBL
<i>Staphylus mazans</i>	BRAZOS: Lick Creek Park	24-Aug-12		RHW
<i>Pholisora mejicana</i> Jim Weber pic, det. CWB	Brewster: Alpine	27-Aug-12		RHW
<i>Carrhenes canescens</i>	Hidalgo: Weslaco	16-Dec-12	25-Dec-12	MR2
<i>Systasea pulverulenta</i>	LAMB: Lamb Co. Sandhills	25-Jun-12		AH1
<i>Systasea pulverulenta</i>	GUADALUPE: Warbler Woods	18-Oct-12		MR2
<i>Systasea pulverulenta</i>	Hidalgo: Santa Ana NWR	18-Oct-12		B/K
<i>Systasea zampa</i>	Brewster: Maravillas Ranch	19-Jun-12		Y/T
<i>Eantis tamenund</i>	MCLENNAN: Harris Creek	25-Jul-12		AG1
<i>Chiomara georgina</i>	Hidalgo: Alamo	14-Sep-12	05-Dec-12	B/K
<i>Erynnis baptisiae</i>	BRAZOS: Lick Creek Park	06-Mar-12	23-Mar-12	RHW
<i>Erynnis baptisiae</i>	Sabine: Six Mile	16-Jun-12		B/K
<i>Erynnis brizo burgessi</i>	EASTLAND: Lake Cisco	16-Mar-12		JMC
<i>Erynnis brizo burgessi</i> leg. Jack Carter	HEMPHILL: Black Kettle NG	01-Apr-12		RSF
<i>Erynnis funeralis</i>	HEMPHILL: Black Kettle NG	01-Apr-12		RSF
<i>Erynnis funeralis</i>	MENARD: San Saba River	22-Jul-12		B/K
<i>Erynnis funeralis</i>	CONCHO: Eden	22-Jul-12		B/K
<i>Erynnis horatius</i>	Morris: Daingerfield SP	11-Jun-12	13-Aug-12	B/K
<i>Erynnis juvenalis</i>	EASTLAND: Lake Cisco	16-Mar-12		JMC
<i>Erynnis meridianus</i>	CONCHO: Eden	22-Jul-12		B/K
<i>Erynnis meridianus</i> new valley record	HIDALGO: Weslaco	23-Nov-12		ECK
<i>Erynnis tristis tatus</i> D. Hardy	TRAVIS: Austin	09-Jul-12		TBL
<i>Erynnis tristis tatus</i>	CONCHO: Eden	22-Jul-12		B/K
<i>Erynnis tristis tatus</i>	MENARD: San Saba River	22-Jul-12		B/K
<i>Erynnis tristis tatus</i>	KIMBLE: Junction	22-Jul-12		B/K
<i>Pyrgus albescens</i>	CROCKETT: Ft. Lancaster	07-Jul-12		B/K
<i>Pyrgus albescens</i>	CONCHO: Eden	22-Jul-12		B/K
<i>Pyrgus communis</i>	Upshur: Diana	10-Jun-12		B/K
<i>Pyrgus communis</i>	Morris: Daingerfield SP	11-Jun-12	13-Aug-12	B/K
<i>Pyrgus communis</i>	Sabine: Six Mile	16-Jun-12		B/K
<i>Pyrgus philetas</i>	REEVES: FM 3078	07-Jul-12		B/K
<i>Heliopyrgus sublinea</i> omitted from 2010 SS- 3 vouchers.	Kenedy: US 77 Sarita RA	25-Oct-10		JFD
<i>Heliopyrgus sublinea</i>	Hidalgo: Edinburg Wetlands SP	21-Nov-12		TBL
<i>Heliopetes laviana</i>	GONZALES: 5 mi. W of Waelder	06-Jul-12		CWB
<i>Celotes nessus</i>	Brewster: Maravillas Ranch	19-Jun-12		Y/T
<i>Synapte pecta</i>	Hidalgo: Mission	31-Dec-12		TBL
<i>Amblyscirtes alternata</i>	SABINE: Sabine NF, FR 113	16-Mar-12		ECK
<i>Amblyscirtes eos</i>	Eastland: Lake Cisco	16-Mar-12		JMC
<i>Amblyscirtes nysa</i> T. Hibbits	EDWARDS: Camp Wood	15-Oct-12		TBL
<i>Lerodea arabus</i>	Hidalgo: Santa Ana NWR	25-Jan-12		MR2
<i>Lerodea arabus</i>	Hidalgo: Alamo	16-Oct-12	01-Dec-12	B/K
<i>Lerodea arabus</i> confined females oviposited on <i>Cynodon dactylon</i> ; reared to adults.	Hidalgo: Alamo	05-Nov-12		RWB
<i>Lerodea eufala</i>	SABINE: Sabine NF, FR 113	16-Mar-12		CWB
<i>Lerodea eufala</i>	BRAZOS: Lick Creek Park	28-May-12		RHW
<i>Nastra julia</i>	CONCHO: Eden	22-Jul-12		CWB
<i>Lerema liris</i>	Hidalgo: Mission	16-Oct-12		CWB
<i>Perichares philetas adela</i>	Hidalgo: Mission	29-May-12		TBL
<i>Rhinthon osca</i>	Hidalgo: Estero Llano Grande SP	17-Nov-12		TBL

Decinea percusius confined female oviposited on Leersia monadra, larvae feeding.	Hidalgo: Relampago	31-Oct-12		RWB
Ancyloxypha numitor	Cass: Naples	11-Jun-12		B/K
Ancyloxypha numitor	Menard: San Saba River	22-Jul-12		B/K
Copaeodes minima T. Hibbits	EDWARDS: Camp Wood	15-Oct-12		TBL
Hylephila phyleus	Upshur: Diana	10-Jun-12		B/K
Hylephila phyleus	Morris: Daingerfield SP	11-Jun-12		B/K
Hylephila phyleus	Cass: Naples	11-Jun-12		B/K
Hylephila phyleus	CONCHO: Eden	22-Jul-12		B/K
Hesperia woodgatei T. Hibbits	EDWARDS: Camp Wood	28-Sep-10	18-Oct-12	TBL
Polites vibex	SHELBY: Toledo Bend	28-Apr-12		ECK
Wallengrenia egeremet	Cass: Naples	11-Jun-12		B/K
Wallengrenia egeremet	Sabine: Six Mile	16-Jun-12		B/K
Wallengrenia otho	WOOD: Jarvis CC	19-May-12		BBN
Poanes viator zizaniae	COLORADO: Brazos River	22-Jul-12		CWB
Quasimellana eulogius	Hidalgo: Alamo	17-Oct-12	23-Nov-12	B/K
Quasimellana eulogius confined female oviposited on Panicum maximum; reared to adults.	Cameron: Brownsville	03-Nov-12		RWB
Atrytonopsis hianna "loammi-like" phenotypes.	Sabine: Sabine NF, FR 113	16-Mar-12	17-Mar-12	B/K
Atrytonopsis hianna "loammi-like" phenotypes.	Sabine: Sabine NF, FR 113	23-Mar-12		NVG
Calpodes ethlius very early record; late August is usual.	Jefferson: Beaumont	09-May-12		CWB
Calpodes ethlius	MCLENNAN: Harris Creek	18-Nov-12		AG1
Panoquina evansi last by MR2	Hidalgo: Estero Llano Grande SP	01-Nov-12	09-Nov-12	TBL
Panoquina lucas confined female oviposited on Panicum maximum; reared to adults.	Hidalgo: Alamo	08-Dec-12		RWB
Nyctelius nyctelius	Hidalgo: Santa Ana NWR	22-Nov-12		ECK
Megathymus yuccae coloradensis	Dickens: CR 405 X FM 2794	16-Mar-12		JMC
Megathymus yuccae coloradensis	SANFORD: Lake Meredith NRA	31-Mar-12		RSF
Megathymus yuccae coloradensis	MOORE: Lake Meredith NRA	31-Mar-12		RSF
Megathymus yuccae coloradensis	HUTCHINSON: Lake Meredith NRA	31-Mar-12		RSF
Megathymus yuccae coloradensis	HEMPHILL: Black Kettle NG	01-Apr-12		RSF
Megathymus yuccae reinthali	Sabine: Sabine NF, FR 113	16-Mar-12	17-Mar-12	B/K
PAPILIONIDAE				
Eurytides marcellus S. Wilkerson	BRAZOS: College Station	09-Apr-12		TBL
Eurytides marcellus R. Votaw	CALDWELL: Delhi	05-May-12		TBL
Eurytides marcellus	TRAVIS: Austin	11-May-12		TBL
Eurytides philolaus	Hidalgo: Estero Llano Grande SP	29-Mar-12		TBL
Eurytides philolaus	Hidalgo: Mission	01-Apr-12		MR2
Eurytides philolaus	Hidalgo: Bentsen SP	10-Apr-12		TBL
Eurytides philolaus	BROOKS: US 281 BP Checkpoint area	17-Nov-12		ECK
Battus philenor	Morris: Daingerfield SP	11-Jun-12	13-Aug-12	B/K
Battus philenor	Sabine: Six Mile	16-Jun-12		B/K
Battus philenor	TERRY: Tokio	21-Jul-12		B/K
Papilio crespontes	Nacogdoches: Nacogdoches	09-Jun-12		B/K
Papilio crespontes	Morris: Daingerfield SP	11-Jun-12	13-Aug-12	B/K
Papilio crespontes	Sabine: Six Mile	16-Jun-12		B/K
Papilio glaucus	Nacogdoches: Nacogdoches	09-Jun-12		B/K
Papilio glaucus	Morris: Daingerfield SP	11-Jun-12	13-Aug-12	B/K
Papilio glaucus	Sabine: Six Mile	16-Jun-12		B/K
Papilio ornythion	Hidalgo: Mission	11-Oct-12		TBL
Papilio palamedes	Jefferson: Beaumont	09-Mar-12		CWB
Papilio palamedes	KAUFMAN: Kaufman	19-May-12	01-Jun-12	JMC
Papilio palamedes	DALLAS: Glenn Heights	24-May-12	27-May-12	DXC
Papilio palamedes	Nacogdoches: Nacogdoches	09-Jun-12		B/K

Papilio palamedes	Sabine: Six Mile	16-Jun-12		B/K
Papilio palamedes	HENDERSON: Athens	20-Jun-12		JMC
Papilio polyxenes asterius	HEMPHILL: Black Kettle NG	01-Apr-12		RSF
Papilio polyxenes asterius	Morris: Daingerfield SP	11-Jun-12		B/K
Papilio troilus	Harris: Spring Valley	11-Jan-12		CWB
Unusually early due to warm weather				
Papilio troilus	Nacogdoches: Nacogdoches	09-Jun-12		B/K
Papilio troilus	Morris: Daingerfield SP	11-Jun-12	13-Aug-12	B/K
Papilio troilus	Marion: many locations	15-Jun-12		B/K
Papilio troilus	Sabine: Six Mile	16-Jun-12		B/K
Papilio troilus	MCKINNEY: Heard Museum	22-Jun-12		TBL
PIERIDAE				
Neophasia menapia magnamenapia	CULBERSON: GUMO: "The Bowl"	25-Jun-12		MAQ
STATE RECORD: photos by Tripp Davenport.				
Catasticta nimbice	Brewster: BIBE: Pine Canyon	17-Apr-05		MR2
Bill Lupardus photo; not previously reported.				
Melete lycimnia isandra	Hidalgo: Alamo	04-Dec-12	19-Dec-12	CWB
last in Mission (TBL)				
Glutophrissa drusilla tenuis	Hidalgo: Santa Ana NWR	22-Mar-12	01-Apr-12	MR2
last in Mission				
Glutophrissa drusilla tenuis	Hidalgo: Santa Ana NWR	29-Oct-12		CWB
Pontia protodice	Morris: Daingerfield SP	11-Jun-12		B/K
Ascia monuste	DALLAS: Glenn Heights	18-Apr-12		DXC
Ascia monuste	Jefferson: Beaumont	01-May-12	19-May-12	CWB
Ascia monuste	NACOGDOCHES: Nacogdoches	19-May-12		DXC
Ascia monuste	KAUFMAN: Becker	26-May-12		JMC
Ascia monuste	PANOLA: 1 mi. S of Harrison Co. line.	15-Jun-12		CWB
Ascia monuste	BRAZOS: Lick Creek Park	18-Nov-12	09-Dec-12	JMC
last at TAMU HG (S. Wilkerson)				
Ascia monuste	WILSON: 1/10th mi. from Karnes Co. line	18-Nov-12		TBL
Ganyra josephina josepha	Hidalgo: Santa Ana NWR	18-Oct-12	21-Oct-12	B/K
Pieris rapae	BELL: Ft. Hood	05-Jul-12		RMK
Euchloe olympia	DICKENS: CR 405 X FM 2794	14-Mar-12		JMC
Euchloe olympia	HUTCHINSON: Lake Meredith NRA	31-Mar-12		RSF
Anthocharis midea texana	Hidalgo: Santa Ana NWR	21-Feb-12		MR2
Anthocharis midea texana	FAYETTE: IH-10 picnic area W of Flatonia	04-Mar-12		ECK
Anthocharis midea texana	GONZALES: Palmetto SP	04-Mar-12		ECK
Anthocharis midea texana	Newton: 6 mi. W of US 87 on SR 255	16-Mar-12		CWB
Colias eurytheme	Jefferson: Beaumont	12-Feb-12	28-May-12	CWB
Colias eurytheme	Upshur: Diana	10-Jun-12		B/K
Colias eurytheme	Morris: Daingerfield SP	11-Jun-12		B/K
Zerene cesonia	Newton: 6 mi. W of US 87 on SR 255	16-Mar-12		CWB
Zerene cesonia	HUTCHINSON: Lake Meredith NRA	31-Mar-12		RSF
Anteos clorinde	Hidalgo: Santa Ana NWR	22-Mar-12		MR2
Anteos clorinde	San Patricio: 2 mi. N of Nueces Co. line	13-Sep-12		CWB
Anteos clorinde	Hidalgo: Santa Ana NWR	18-Oct-12		B/K
Anteos maerula	Hidalgo: Santa Ana NWR	25-Jan-12	22-Mar-12	MR2
Anteos maerula	Hidalgo: Alamo	19-Sep-12	01-Dec-12	B/K
Phoebis agarithe	Jefferson: Beaumont	04-May-12		CWB
Phoebis agarithe	CROCKETT: Ft. Lancaster	07-Jul-12		B/K
Phoebis agarithe	Hidalgo: Edinburg	09-Dec-12		RWB
larvae on Pithecellobium dulce.				
Phoebis philea	Kaufman: Becker	07-Apr-12		JMC
Phoebis philea	Jefferson: Beaumont	17-May-12		CWB
Phoebis philea	Hidalgo: Alamo	14-Sep-12	04-Dec-12	B/K
abundant throughout southern Hidalgo Co.				
Phoebis sennae	HUTCHINSON: Lake Meredith NRA	31-Mar-12		RSF
Phoebis sennae	MOORE: Lake Meredith NRA	31-Mar-12		RSF
Phoebis sennae	Nacogdoches: Nacogdoches	09-Jun-12		B/K
Phoebis sennae	Upshur: Diana	10-Jun-12	13-Aug-12	B/K
Phoebis sennae	Sabine: Six Mile	16-Jun-12		B/K

<i>Aphrissa statira</i>	Hidalgo: Santa Ana NWR	25-Apr-12		MR2
<i>Aphrissa statira</i>	JEFFERSON: Beaumont	05-May-12		CWB
<i>Kricogonia lyside</i>	FAYETTE: Flatonía	22-Jul-12		B/K
<i>Kricogonia lyside</i>	CONCHO: Eden	22-Jul-12		B/K
<i>Kricogonia lyside</i>	BRAZOS: Lick Creek Park	25-Jul-12		RHW
<i>Eurema boisduvaliana</i> last at Santa Ana NWR	Hidalgo: Rio Rico Rd.	18-Oct-12	05-Nov-12	B/K
<i>Eurema दौरa eugenia</i>	Hidalgo: Weslaco	31-Dec-12		MR2
<i>Eurema mexicana</i>	Hidalgo: Santa Ana NWR	28-Feb-12		MR2
<i>Eurema mexicana</i>	Jefferson: Beaumont	17-May-12		CWB
<i>Eurema mexicana</i> last in Weslaco (MR2)	Hidalgo: Alamo	05-Oct-12	18-Dec-12	B/K
<i>Eurema mexicana</i>	MCLENNAN: Harris Creek	13-Dec-12		AG1
<i>Pyrisitia lisa</i>	Upshur: Diana	10-Jun-12	13-Aug-12	B/K
<i>Pyrisitia lisa</i>	Harrison: Caddo Lake SP	11-Jun-12		B/K
<i>Pyrisitia lisa</i>	Morris: Daingerfield SP	11-Jun-12	13-Aug-12	B/K
<i>Pyrisitia lisa</i>	Marion: many locations	15-Jun-12		B/K
<i>Pyrisitia lisa</i>	Sabine: Six Mile	16-Jun-12		B/K
<i>Pyrisitia lisa</i>	SUTTON: Sonora	06-Jul-12		B/K
<i>Pyrisitia lisa</i>	CROCKETT: Ft. Lancaster	07-Jul-12		B/K
<i>Pyrisitia lisa</i>	MENARD: San Saba River	22-Jul-12		B/K
<i>Pyrisitia proterpia</i>	Hidalgo: Alamo	01-Oct-12	16-Nov-12	B/K
<i>Abaeis nicippe</i>	HUTCHINSON: Lake Meredith NRA	31-Mar-12		RSF
<i>Abaeis nicippe</i>	MOORE: Lake Meredith NRA	31-Mar-12		RSF
<i>Abaeis nicippe</i>	Sabine: Six Mile	16-Jun-12		B/K
LYCAENIDAE				
<i>Feniseca tarquinius</i> S. Deacon	KLEBERG: Caesar Kleberg RC	23-Jun-12		TBL
<i>Strymon solitario</i> US RECORD: n.sp. Grishin & Durden (2012); leg. George Schenk.	BREWSTER: BIBE: "Ameries Boquillas", Rio Grande	25-Sep-44		NVG
<i>Strymon solitario</i>	PRESIDIO: The Solitario, Gray's Ridge	20-May-73		CJD
<i>Strymon solitario</i> numerous records in Boquillas region 1944-2008 by others.	Brewster: BIBE: nr. Hot Springs	29-Nov-85		ECK
<i>Strymon solitario</i> HOLOTYPE: see Grishin & Durden, JLS 66:2, 2012- pp.81-110.	Brewster: BIBE: " nr. Barker, Rd. to Boquillas"	26-Mar-05		NVG
<i>Strymon solitario</i> ALLOTYPE	Brewster: BIBE: " nr. Barker, Rd. to Boquillas"	23-Apr-05		NVG
<i>Satyrium liparops strigosa</i>	NEWTON: .4 mi S of Sabine Co. line	29-Apr-12		CWB
<i>Chlorostrymon simaethis sarita</i>	Hidalgo: Alamo	20-Oct-12		CWB
<i>Chlorostrymon simaethis sarita</i> last in Austin, Travis Co. (TBL)	Bexar: Mitchell Lake Audubon	06-Nov-12	11-Nov-12	TBL
<i>Chlorostrymon simaethis sarita</i>	WILSON: 1/10th mi. from Karnes Co. line	18-Nov-12		TBL
<i>Chlorostrymon simaethis sarita</i> confined female oviposited on <i>Urvillea ulmacea</i> , larvae feeding.	Hidalgo: Mission	04-Dec-12		RWB
<i>Chlorostrymon telea</i>	Hidalgo: Mission	01-Feb-12		TBL
<i>Cyanophrys miserabilis</i>	Hidalgo: Mission	25-Dec-12		TBL
<i>Callophrys gryneus castalis</i>	GUADALUPE: Warbler Woods	18-Oct-12		MR2
<i>Callophrys henrici solatus</i>	Uvalde: Utopia	20-Jan-12		TBL
<i>Callophrys henrici turneri</i>	EASTLAND: Lake Cisco	16-Mar-12		JMC
<i>Callophrys henrici turneri</i> B. Dempwolf	HOUSTON: Neches Overlook	23-Mar-12		TBL
<i>Callophrys irus hadra</i> B. Dempwolf	Henderson: N of Athens	02-Mar-12		TBL
<i>Callophrys irus hadra</i>	Harrison: Brandy Branch Lake	06-Apr-12		JMC
<i>Callophrys mcfarlandi</i>	Brewster: BIBE: Pine Canyon	27-May-12		TBL
<i>Callophrys mcfarlandi</i>	Brewster: BIBE: Green Gulch	01-Aug-12		Y/T
<i>Callophrys nippon</i>	NEWTON: 6 mi. W of US 87 on SR 255	16-Mar-12		CWB
<i>Callophrys nippon</i> B. Dempwolf	HOUSTON: Neches Overlook	23-Mar-12		TBL
<i>Callophrys xami texami</i>	TRAVIS: Austin	01-Jun-12		TBL
<i>Callophrys xami texami</i>	Hidalgo: Mission	04-Dec-12		RWB
<i>Electrostrymon hugon</i>	Starr: Falcon Heights	01-Jun-12	01-Jul-12	BN1

Electrostrymon hugon	Hidalgo: Bentsen SP	01-Jun-12		MR2
Calycopis cecrops	Morris: Daingerfield SP	11-Jun-12	13-Aug-12	B/K
Calycopis cecrops	Upshur: Diana	11-Jun-12		B/K
Calycopis cecrops	Sabine: Six Mile	16-Jun-12		B/K
Calycopis isobeon	SUTTON: Sonora	06-Jul-12		ECK
Strymon albata	Hidalgo: Edinburg Wetlands SP	21-Nov-12		TBL
Strymon alea	Travis: Austin	04-Dec-12	08-Dec-12	TBL
Strymon bebrycia	Hidalgo: Weslaco	06-Nov-12	10-Nov-12	TBL
Strymon cestri	Hidalgo: Bentsen SP	17-Dec-12		MR2
Strymon melinus	Upshur: Diana	10-Jun-12		B/K
Strymon melinus	Morris: Daingerfield SP	11-Jun-12		B/K
Strymon melinus	Harrison: Caddo Lake SP	12-Jun-12		B/K
Strymon melinus	Sabine: Six Mile	16-Jun-12		B/K
Strymon rufofusca	Hidalgo: Alamo	06-Nov-12	29-Nov-12	B/K
also in Santa Ana, Weslaco, and Relampago.				
Strymon yojoa	Hidalgo: Bentsen SP	03-Apr-12		MR2
Strymon yojoa	Hidalgo: "mid-county locations"	23-Oct-12	16-Dec-12	MR2
last in Weslaco (TBL)				
Strymon yojoa	Hidalgo: Weslaco	06-Nov-12		RWB
conf. female ovip. On Malvaviscus drummondii; reared to adults.				
Strymon yojoa	Hidalgo: Alamo	11-Nov-12	21-Nov-12	B/K
last in Weslaco (ECK)				
Ministrymon azia	Hidalgo: Bentsen SP	17-Dec-12		MR2
Ministrymon clytie	Hidalgo: Alamo	22-Sep-12	29-Nov-12	B/K
Strephonota tephraeus	Hidalgo: Mission	15-Dec-12	25-Dec-12	MR2
Panthiades bathildis	HIDALGO: Mission	15-Dec-12		TBL
US RECORD: Jaime Villareal photo.				
Oenomaus ortygnus	Hidalgo: Mission	25-Dec-12		TBL
Leptotes cassius cassidula	Hidalgo: Rio Rico Rd.	18-Oct-12	21-Nov-12	B/K
Leptotes cassius cassidula	Hidalgo: Weslaco	23-Nov-12		RWB
females oviposited on Plumbago.				
Leptotes cassius cassidula	BRAZOS: College Station	19-Dec-12		TBL
S. Wilkerson				
Leptotes marina	Hidalgo: Weslaco	26-Nov-12		RWB
females oviposited on Plumbago.				
Cupido comyntas	Upshur: Diana	10-Jun-12		B/K
Cupido comyntas	Marion: many locations	15-Jun-12		B/K
Cupido comyntas	Sabine: Six Mile	16-Jun-12		B/K
Hemiargus ceraunus astenidas	MENARD: San Saba River	22-Jul-12		B/K
Hemiargus ceraunus astenidas	CONCHO: Eden	22-Jul-12		B/K
Echinargus isola	CONCHO: Eden	22-Jul-12		B/K
Plebejus lupini texanus	HUTCHINSON: Lake Meredith NRA	31-Mar-12		RSF
RIODINIDAE				
Melanis pixe	Hidalgo: Santa Ana NWR	25-Jan-12		MR2
Melanis pixe	Hidalgo: Alamo	12-Nov-12	29-Nov-12	RWB
larvae on Pithecellobium dulce, reared to adults.				
Lasaia sula peninsularis	Cameron: Resaca de la Palma SP	21-Jan-12	15-Apr-12	TBL
Lasaia sula peninsularis	Cameron: Brownsville	02-Nov-12	21-Nov-12	RWB
Emesis emesia	Hidalgo: Mission	14-Dec-12	31-Dec-12	MR2
Apodemia chisosensis	Brewster: BIBE: Pine Canyon	27-May-12		TBL
Apodemia duryi	Brewster: 15 mi S of Marathon	05-Jun-12		Y/T
Apodemia duryi	Brewster: BIBE: nr. Panther Junction	01-Aug-12		Y/T
Apodemia multiplaga	Cameron: Brownsville	01-Apr-81		CWB
possibly the last voucher taken in USA; not previously reported.				
Apodemia walkeri	Cameron: Resaca de la Palma SP	26-Feb-12	04-Mar-12	TBL
Apodemia walkeri	Cameron: Brownsville	02-Nov-12	26-Nov-12	RWB
NYMPHALIDAE				
Libytheana carinenta bachmanii	Jefferson: Beaumont	15-Mar-12	28-May-12	CWB
Libytheana carinenta bachmanii	Upshur: Diana	10-Jun-12		B/K
Libytheana carinenta bachmanii	Cass: Naples	11-Jun-12		B/K
Libytheana carinenta bachmanii	Morris: Daingerfield SP	11-Jun-12	13-Aug-12	B/K
Libytheana carinenta bachmanii	Harrison: Caddo Lake SP	12-Jun-12		B/K

<i>Libytheana carinenta larvata</i>	CONCHO: Eden	22-Jul-12		B/K
<i>Libytheana carinenta streckeri</i>	BREWSTER: BIBE: Chisos Basin	08-Sep-08		B/K
STATE RECORD: not previously reported				
<i>Danaus eresimus montezuma</i>	Hidalgo: Alamo	06-Oct-12	04-Dec-12	B/K
<i>Lycorea halia atergatis</i>	Hidalgo: Mission	24-Dec-12		MR2
Tomas Tijerina photo.				
<i>Anaea aidea</i>	GUADALUPE: Warbler Woods	18-Oct-12		MR2
<i>Anaea andria</i>	Jefferson: Beaumont	14-Feb-12	15-May-12	CWB
<i>Anaea andria</i>	Upshur: Diana	10-Jun-12		B/K
<i>Anaea andria</i>	Morris: Daingerfield SP	11-Jun-12	13-Aug-12	B/K
<i>Anaea andria</i>	Harrison: Caddo Lake SP	12-Jun-12		B/K
<i>Anaea andria</i>	Sabine: Six Mile	16-Jun-12		B/K
<i>Fountainea glycerium</i>	Hidalgo: Mission	19-Dec-12	25-Dec-12	TBL
<i>Memphis forreri</i>	Hidalgo: Mission	25-Dec-12		MR2
<i>Memphis pithyusa</i>	Hidalgo: Mission	03-Dec-12	16-Dec-12	RWB
last in Weslaco (TBL)				
<i>Cylopsis gemma</i>	Sabine: Sabine NF, FR 113	16-Mar-12	16-Jun-12	B/K
<i>Cylopsis gemma</i>	Harrison: Caddo Lake SP	13-Jun-12		B/K
<i>Cylopsis gemma</i>	Sabine: Six Mile	16-Jun-12		B/K
<i>Hermeuptychia hermes</i>	Hidalgo: Santa Ana NWR	18-Oct-12		B/K
<i>Hermeuptychia sosybius</i>	Upshur: Diana	10-Jun-12		B/K
<i>Hermeuptychia sosybius</i>	Cass: Naples	11-Jun-12		B/K
<i>Hermeuptychia sosybius</i>	Morris: Daingerfield SP	11-Jun-12	13-Aug-12	B/K
<i>Hermeuptychia sosybius</i>	Harrison: Caddo Lake SP	12-Jun-12		B/K
<i>Hermeuptychia sosybius</i>	Sabine: Six Mile	16-Jun-12		B/K
<i>Megisto cymela</i>	BRAZOS: Lick Creek Park	31-Mar-12	24-Apr-12	RHW
<i>Megisto cymela</i>	Jefferson: Beaumont	15-Apr-12		CWB
<i>Megisto cymela</i>	Morris: Daingerfield SP	11-Jun-12		B/K
<i>Megisto cymela</i>	Harrison: Caddo Lake SP	12-Jun-12		JMC
<i>Megisto cymela</i>	Sabine: Six Mile	16-Jun-12		B/K
<i>Dione junio huascuma</i>	HIDALGO: Bentsen SP	22-Dec-12		TBL
US RECORD: Pat Reik photo.				
<i>Dione moneta poeyi</i>	Brewster: BIBE: ~ 7 mi. N of Panther Junction	06-Apr-12		Y/T
<i>Dione moneta poeyi</i>	Starr: Falcon Heights	05-Dec-12	18-Dec-12	BN1
last in Hidalgo Co. (Weslaco, MR2).				
<i>Eueides isabella eva</i>	Hidalgo: Weslaco	09-Nov-12	16-Dec-12	TBL
last in Mission (TBL)				
<i>Eueides isabella eva</i>	Cameron: San Benito	16-Dec-12		TBL
<i>Agraulis vanillae incarnata</i>	Jefferson: Beaumont	14-Feb-12	28-May-12	CWB
<i>Agraulis vanillae incarnata</i>	Upshur: Diana	10-Jun-12		B/K
<i>Agraulis vanillae incarnata</i>	Morris: Daingerfield SP	11-Jun-12	13-Aug-12	B/K
<i>Agraulis vanillae incarnata</i>	Sabine: Six Mile	16-Jun-12		B/K
<i>Dryas iulia moderata</i>	Hidalgo: Santa Ana NWR	28-Feb-12		MR2
<i>Dryas iulia moderata</i>	Uvalde: Chalk Bluff	03-May-12		TBL
<i>Dryas iulia moderata</i>	Hidalgo: Mission	09-Nov-12		RWB
<i>Dryas iulia moderata</i>	BRAZOS: Lick Creek Park	18-Nov-12		JMC
<i>Dryadula phaetusa</i>	Hidalgo: Santa Ana NWR	25-Oct-12		TBL
<i>Heliconius charithonia vazquezae</i>	Hidalgo: Santa Ana NWR	21-Apr-12		MR2
<i>Heliconius charithonia vazquezae</i>	Uvalde: Chalk Bluff	03-May-12	15-Jun-12	TBL
last in Sabinal (M. Heindel)				
<i>Heliconius charithonia vazquezae</i>	Bandera: Love Creek	08-Jun-12		TBL
<i>Heliconius charithonia vazquezae</i>	Hidalgo: Weslaco	07-Nov-12	21-Nov-12	RWB
last by CWB				
<i>Heliconius erato petiverana</i>	WILSON: nr. Poth	02-Jul-12		TBL
P. L. Pasztor				
<i>Euptoieta claudia</i>	Upshur: Diana	10-Jun-12		B/K
<i>Euptoieta claudia</i>	Morris: Daingerfield SP	11-Jun-12	13-Aug-12	B/K
<i>Euptoieta claudia</i>	Harrison: Caddo Lake SP	12-Jun-12		B/K
<i>Euptoieta claudia</i>	Sabine: Six Mile	16-Jun-12		B/K
<i>Euptoieta claudia</i>	MCLENNAN: Harris Creek	18-Nov-12		AG1
<i>Euptoieta hegesia meridiania</i>	Hidalgo: Santa Ana NWR	22-Mar-12		MR2

<i>Euptoieta hegesia meridiana</i>	Hidalgo: Alamo	14-Sep-12	04-Dec-12	B/K
<i>Euptoieta hegesia meridiana</i>	LIVE OAK: Frio River nr. Choke Canyon	09-Dec-12		TBL
<i>Limnitis archippus</i>	Shelby: 1 mi. N of Sabine Co.	28-Apr-12		CWB
<i>Limnitis archippus</i>	Hidalgo: Weslaco	23-Nov-12		ECK
<i>Limnitis arthemis astyanax</i>	Gregg: 1 mi. N of Kilgore	09-Jun-12		B/K
<i>Limnitis arthemis astyanax</i>	Sabine: Six Mile	16-Jun-12		B/K
<i>Adelpha basiloides</i>	Hidalgo: Santa Ana NWR	14-Mar-12	22-Mar-12	MR2
<i>Adelpha fessonia</i>	Hidalgo: Edinburg Wetlands SP	27-Feb-12		MR2
<i>Adelpha fessonia</i>	Cameron: Resaca de la Palma SP	04-Mar-12	15-Apr-12	TBL
<i>Adelpha fessonia</i>	Hidalgo: Santa Ana NWR	22-Mar-12		MR2
<i>Adelpha fessonia</i>	Hidalgo: Mission	01-Apr-12		MR2
<i>Marpesia chiron marius</i>	Hidalgo: Estero Llano Grande SP	17-Jun-12		TBL
<i>Marpesia chiron marius</i>	Hidalgo: Mission	15-Oct-12		TBL
<i>Marpesia petreus</i>	Hidalgo: Estero Llano Grande SP	14-Jan-12		TBL
<i>Mestra amymone</i>	Hidalgo: Alamo	18-Oct-12	04-Dec-12	B/K
<i>Eunica monima</i>	Starr: Salineno	19-Jul-12		MR2
<i>Eunica tatila</i>	Hidalgo: Estero Llano Grande SP	21-Jan-12	02-Mar-12	TBL
<i>Eunica tatila</i>	ARANSAS: Port Aransas	04-Mar-12		TBL
<i>Hamadryas februa ferentina</i>	Hidalgo: Santa Ana NWR	15-Feb-12		MR2
<i>Hamadryas guatemalena marmarice</i>	Hidalgo: Mission	11-Oct-12	19-Dec-12	TBL
<i>Hamadryas guatemalena marmarice</i>	Starr: Falcon Heights	25-Nov-12		BN1
<i>Dynamine dyonis</i> last in Santa Ana NWR	Hidalgo: Mission	11-Nov-12	02-Dec-12	TBL
<i>Dynamine dyonis</i>	Hidalgo: Alamo	01-Dec-12		CWB
<i>Dynamine postverta mexicana</i>	Hidalgo: Mission	01-Jun-12		TBL
<i>Dynamine postverta mexicana</i>	Hidalgo: Mission	21-Oct-12		TBL
<i>Dynamine postverta mexicana</i>	Hidalgo: Mission	08-Dec-12		RWB
<i>Asterocampa celtis</i>	Nacogdoches: Nacogdoches	09-Jun-12		B/K
<i>Asterocampa celtis</i>	Upshur: Diana	10-Jun-12		B/K
<i>Asterocampa celtis</i>	Cass: Naples	11-Jun-12		B/K
<i>Asterocampa celtis</i>	Morris: Daingerfield SP	11-Jun-12	13-Aug-12	B/K
<i>Asterocampa celtis</i>	Harrison: Caddo Lake SP	12-Jun-12		B/K
<i>Asterocampa celtis</i>	Panola: US 59 X SR 149	15-Jun-12		B/K
<i>Asterocampa celtis</i>	Sabine: Six Mile	16-Jun-12		B/K
<i>Asterocampa celtis antonia</i>	MENARD: San Saba River	22-Jul-12		B/K
<i>Asterocampa clyton</i>	Jefferson: Beaumont	15-May-12		CWB
<i>Asterocampa clyton texana</i>	SUTTON: Sonora	06-Jul-12		B/K
<i>Asterocampa leilia</i>	GUADALUPE: Warbler Woods	15-Sep-12		MR2
<i>Doxocopa laure</i>	Hidalgo: Mission	19-Nov-12		TBL
<i>Doxocopa pavon theodora</i>	Hidalgo: Mission	05-Dec-12		RWB
<i>Historis odius dious</i>	Hidalgo: Mission	09-Sep-12		TBL
<i>Smyrna blomfieldia datis</i>	Hidalgo: Estero Llano Grande SP	18-Mar-12		TBL
<i>Smyrna blomfieldia datis</i>	NUECES: Corpus Christi	07-Jun-12		CRS
<i>Vanessa annabella</i>	Brewster: Marathon	15-Mar-12		Y/T
<i>Vanessa annabella</i>	LUBBOCK: Lubbock	26-Mar-12		AH1
<i>Vanessa annabella</i>	HALE: no locality given	31-Mar-12		AH1
<i>Vanessa annabella</i>	CASTRO: no locality given	03-Apr-12		AH1
<i>Vanessa annabella</i>	Hidalgo: Alamo	05-Oct-12	23-Nov-12	B/K
<i>Vanessa cardui</i>	Sabine: Six Mile	16-Jun-12		B/K
<i>Vanessa virginicensis</i> larvae on <i>Gnaphalium obtusifolium</i> , reared to adults.	Jefferson: Beaumont	18-May-12	20-May-12	CWB
<i>Nymphalis antiopa</i> B. Dempwolf	HENDERSON: N of Athens	02-Mar-12		TBL
<i>Nymphalis antiopa</i>	BRAZOS: Lick Creek Park	06-Mar-12		RHW
<i>Nymphalis antiopa</i>	GILLESPIE: 30.16955N X 99.14575W	13-Apr-12	13-May-12	JFD
<i>Nymphalis antiopa</i>	Jefferson: Beaumont	22-Apr-12		CWB
<i>Nymphalis antiopa</i>	LIBERTY: Liberty	22-Apr-12		TBL
<i>Nymphalis antiopa</i>	SABINE: Six Mile	26-Apr-12	29-Apr-12	B/K
<i>Nymphalis antiopa</i>	SHELBY: Toledo Bend	28-Apr-12		CWB
<i>Nymphalis antiopa</i>	NEWTON: .4 mi S of Sabine Co. line	29-Apr-12		B/K

<i>Nymphalis antiopa</i> last in Mission (TBL)	Hidalgo: Santa Ana NWR	04-Oct-12	17-Nov-12	CWB
<i>Nymphalis antiopa</i>	MCLENNAN: Harris Creek	18-Nov-12		AG1
<i>Polygonia comma</i>	MORRIS: Daingerfield SP	11-Jun-12		ECK
<i>Polygonia interrogationis</i>	Nacogdoches: Nacogdoches	09-Jun-12		B/K
<i>Polygonia interrogationis</i>	Upshur: Diana	10-Jun-12		B/K
<i>Polygonia interrogationis</i>	Morris: Daingerfield SP	11-Jun-12	13-Aug-12	B/K
<i>Polygonia interrogationis</i>	Harrison: Caddo Lake SP	12-Jun-12		B/K
<i>Anartia fatima</i>	Hidalgo: Santa Ana NWR	14-Mar-12	24-Apr-12	MR2
<i>Anartia fatima</i>	UVALDE: Sabinal	15-Jun-12		TBL
<i>Anartia fatima</i> S. Deacon	KLEBERG: East Kenedy Rd.	23-Jun-12		TBL
<i>Anartia fatima</i> confined female oviposited on <i>Ruellia</i> , larvae feeding.	Hidalgo: Alamo	07-Dec-12		RWB
<i>Siproeta epaphus</i>	Hidalgo: Mission	30-Nov-12		TBL
<i>Siproeta stelenes biplagiata</i> last in Mission (TBL)	Hidalgo: Santa Ana NWR	05-Oct-12	16-Dec-12	B/K
<i>Junonia coenia</i>	HUTCHINSON: Lake Meredith NRA	31-Mar-12		RSF
<i>Junonia coenia</i>	Upshur: Diana	10-Jun-12		B/K
<i>Junonia coenia</i>	Morris: Daingerfield SP	11-Jun-12	13-Aug-12	B/K
<i>Junonia coenia</i>	Harrison: Caddo Lake SP	12-Jun-12		B/K
<i>Junonia coenia</i>	Sabine: Six Mile	16-Jun-12		B/K
<i>Junonia coenia</i>	SUTTON: Sonora	06-Jul-12		B/K
<i>Junonia coenia</i>	CROCKETT: Ft. Lancaster	07-Jul-12		B/K
<i>Junonia evarete nigrosuffusa</i> pic by P. L. Pastor	KENDALL: Cibolo NC	05-Jun-12		JFD
<i>Junonia evarete nigrosuffusa</i>	Brewster: 15 mi S of Marathon	07-Jun-12		Y/T
<i>Junonia genoveva</i>	DALLAS: Glenn Heights	01-Dec-12		DXC
<i>Chlosyne fulvia</i>	HUTCHINSON: Lake Meredith NRA	31-Mar-12		RSF
<i>Chlosyne janais</i>	DEWITT: 11 mi. N of Yorktown	09-Dec-12		TBL
<i>Chlosyne lacinia adjutrix</i>	MCLENNAN: Harris Creek	18-Nov-12		AG1
<i>Chlosyne nycteis</i>	GUADALUPE: Warbler Woods	18-Oct-12		MR2
<i>Chlosyne theona bollii</i>	CONCHO: Eden	22-Jul-12		B/K
<i>Dymasia dymas</i>	Hidalgo: Mission	18-Apr-12	14-May-12	TBL
<i>Phyciodes graphica vesta</i>	CONCHO: Eden	22-Jul-12		B/K
<i>Phyciodes tharos</i>	Upshur: Diana	10-Jun-12		B/K
<i>Phyciodes tharos</i>	Cass: Naples	11-Jun-12		B/K
<i>Phyciodes tharos</i>	Morris: Daingerfield SP	11-Jun-12		B/K
<i>Phyciodes tharos</i>	Harrison: Caddo Lake SP	12-Jun-12		B/K
<i>Phyciodes tharos</i>	Sabine: Six Mile	16-Jun-12		B/K
<i>Anthanassa texana</i>	CONCHO: Eden	22-Jul-12		B/K
<i>Anthanassa tulcis</i>	Hidalgo: Santa Ana NWR	28-May-12		MR2
<i>Anthanassa tulcis</i>	Hidalgo: Weslaco	18-Dec-12	26-Dec-12	MR2

Moths

PRODOXIDAE

<i>Prodoxus decipiens</i>	JOHNSON: Burleson	21-Apr-12		RSF
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ACROLOPHIDAE

<i>Acrolophus cressoni</i>	MORRIS: Daingerfield SP	10-Jun-12		B/K
<i>Acrolophus cressoni</i>	HARRISON: Caddo Lake SP	13-Jun-12		B/K
<i>Acrolophus plumifrontella</i>	HARRISON: Caddo Lake SP	13-Jun-12		B/K
<i>Acrolophus popeanella</i>	HARRISON: Caddo Lake SP	13-Jun-12		B/K

TINEIDAE

<i>Nemapogon angulifasciella</i> STATE RECORD	HARRIS: Spring Valley	21-Jul-92		ECK
<i>Nemapogon granella</i> STATE RECORD	HARRIS: Spring Valley	11-Apr-96		ECK
<i>Nemapogon tylodes</i> STATE RECORD	POLK: BITH: Big Sandy Creek Unit	16-Mar-96		B/K
<i>Eudarcia eunitariaeella</i> STATE RECORD	MORRIS: Daingerfield SP	15-May-88		ECK
<i>Homosetia bifasciella</i>	JOHNSON: Burleson	09-Apr-12		RSF

Monopis pavloski STATE RECORD	JEFFERSON: Beaumont	19-Mar-90		CWB
Monopis pavloski	HARRIS: Spring Valley	13-Oct-92		ECK
Pelecystola nearctica STATE RECORD	HARDIN: Honey Island	13-Oct-84		ECK
PSYCHIDAE				
Cryptothelea gloverii	BRAZOS: Hopes Creek Rd.	11-Sep-12		JMC
Cryptothelea gloverii	Hidalgo: Alamo	17-Sep-12	10-Nov-12	CWB
Thyridopteryx ephemeraeformis	MORRIS: Daingerfield SP	13-Aug-12		B/K
GRACILLARIIDAE				
Caloptilia stigmatella	JOHNSON: Burleson	26-Jul-12		RSF
OECOPHORIDAE				
Antaeotricha leucillana	MORRIS: Daingerfield SP	13-Aug-12		B/K
Antaeotricha osseella	JOHNSON: Hamm Creek Park	18-Aug-12		RSF
Antaeotricha schlaegeri	MORRIS: Daingerfield SP	11-Jun-12	13-Aug-12	B/K
Antaeotricha schlaegeri	HARRISON: Caddo Lake SP	13-Jun-12		B/K
Antaeotricha schlaegeri	SABINE: Six Mile	15-Jun-12		B/K
Durrantia piperatella	HARRISON: Caddo Lake SP	13-Jun-12		B/K
Durrantia piperatella	SABINE: Six Mile	15-Jun-12		B/K
Inga cretacea	JOHNSON: Burleson	22-May-12		RSF
ELACHISTIDAE				
Depressariodes sordidella STATE RECORD	TRAVIS: Austin	18-Apr-12		CSX
Ethmia hagenella	MCLENNAN: Harris Creek	22-Feb-12		AG1
Ethmia hodgesella	JOHNSON: Hamm Creek Park	18-Aug-12		JMC
Ethmia macelhosiella	MEDINA: 3 mi. N of Devine	09-Nov-12		MH1
Ethmia macelhosiella	JOHNSON: Burleson	11-Nov-12		RSF
GELECHIIDAE				
Aristotelia roseosuffusella	JOHNSON: Burleson	30-Jul-12		RSF
Sinoe chambersi STATE RECORD: (newly described, Lee & Brown 2012 in ZooTaxa.)	KAUFMAN: Becker	17-Feb-11		JMC
Frumenta nephelomicta	Hidalgo: Alamo	19-Nov-12		CWB
Chionodes thyotes	Hidalgo: Alamo	18-Nov-12		CWB
Stegasta bosqueella	JOHNSON: Burleson	22-May-12		RSF
Stegasta bosqueella	NACOGDOCHES: Nacogdoches	09-Jun-12		B/K
Stegasta bosqueella	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
Anacampsis fullonella	JOHNSON: Burleson	07-Aug-12		RSF
Dichomeris glenni	MORRIS: Daingerfield SP	10-Jun-12		B/K
Dichomeris glenni	JOHNSON: Burleson	30-Aug-12		RSF
BLASTOBASIDAE				
Valentinia glandulella	JOHNSON: Burleson	08-Sep-12		RSF
MOMPHIDAE				
Mompha circumscriptella	HARRISON: Caddo Lake SP	13-Jun-12		B/K
Mompha eloisella	JOHNSON: Burleson	02-Aug-12		RSF
COSMOPTERIGIDAE				
Euclomensia bassettella	JOHNSON: Burleson	13-Sep-12		RSF
Pyroderces badia	JOHNSON: Burleson	29-Jul-12		RSF
Triclonella pergandeella	MORRIS: Daingerfield SP	11-Jun-12		B/K
SCYTHRIDIDAE				
Scythris trivinctella	JOHNSON: Burleson	08-Aug-12		RSF
CARPOSINIDAE				
Carposina sasakii	JOHNSON: Burleson	09-Oct-12		RSF
PLUTELLIDAE				
Ypsolopha rubrella	JOHNSON: Burleson	18-Nov-12		RSF
YPONOMEUTIDAE				
Atteva aurea	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
HELIODINIDAE				
Heliodines ionis STATE RECORD	HENDERSON: Athens	15-Jul-12		JMC
Aetole tripunctella	HENDERSON: Athens	15-Jul-12		JMC

<i>Aetole tripunctella</i>	Hidalgo: Santa Ana NWR	05-Oct-12	02-Dec-12	CWB
CRAMBIDAE				
<i>Achyra rantalis</i>	JOHNSON: Burleson	08-Apr-12		RSF
<i>Achyra rantalis</i>	MENARD: San Saba River	22-Jul-12		CWB
<i>Aethiophysa lentiflualis</i>	JOHNSON: Burleson	05-Sep-12		RSF
<i>Agriphila vulgigagella</i>	JOHNSON: Burleson	09-Oct-12		RSF
<i>Araschnopsis subulalis</i>	Hidalgo: Alamo	17-Nov-12		ECK
<i>Asciodes gordialis</i>	JOHNSON: Burleson	08-Dec-12		RSF
<i>Blepharomastix ranalis</i>	MORRIS: Daingerfield SP	13-Aug-12		B/K
<i>Chalcoela iphitalis</i>	MORRIS: Daingerfield SP	13-Aug-12		B/K
<i>Chalcoela iphitalis</i>	Hidalgo: Alamo	21-Sep-12	10-Nov-12	B/K
<i>Colomychus talis</i>	SABINE: Six Mile	16-Jun-12		B/K
<i>Conchylodes concinnalis</i>	JOHNSON: Hamm Creek Park	17-Aug-12		RSF
<i>Crambus agitatellus</i>	SABINE: Six Mile	16-Jun-12		B/K
<i>Crambus laqueatellus</i>	MORRIS: Daingerfield SP	10-Jun-12		B/K
<i>Crambus leachellus</i>	JOHNSON: Burleson	09-Apr-12		RSF
<i>Crambus quinquareatus</i>	SABINE: Six Mile	16-Jun-12		B/K
<i>Crambus quinquareatus</i>	JOHNSON: Burleson	04-Nov-12		RSF
<i>Desmia funeralis</i>	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
<i>Desmia funeralis</i>	HARRISON: Caddo Lake SP	13-Jun-12		B/K
<i>Desmia funeralis</i>	SABINE: Six Mile	15-Jun-12		B/K
<i>Desmia maculalis</i>	NACOGDOCHES: Nacogdoches	09-Jun-12		B/K
<i>Diacme elealis</i>	JOHNSON: Burleson	08-Jun-12		RSF
<i>Diacme elealis</i>	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
<i>Diacme elealis</i>	HARRISON: Caddo Lake SP	13-Jun-12		B/K
<i>Diaphania costata</i>	JOHNSON: Burleson	26-Jul-12		RSF
<i>Diaphania hyalinata</i>	MORRIS: Daingerfield SP	13-Aug-12		B/K
<i>Diastictis argyralis</i>	WOOD: Jarvis CC	27-Jul-12		BBN
<i>Dicymolomia grisea</i>	Hidalgo: Alamo	09-Nov-12		CWB
<i>Dicymolomia metalophota</i>	Hidalgo: Alamo	20-Nov-12		CWB
<i>Epipagis huronalis</i>	MORRIS: Daingerfield SP	11-Jun-12		B/K
<i>Epipagis huronalis</i>	HARRISON: Caddo Lake SP	13-Jun-12		B/K
<i>Epipagis huronalis</i>	WOOD: Jarvis CC	27-Jul-12		BBN
<i>Fissicrambus profanellus</i>	JOHNSON: Burleson	28-Aug-12		RSF
<i>Glaphyria sequistrialis</i>	MORRIS: Daingerfield SP	11-Jun-12	13-Aug-12	B/K
<i>Glaphyria sequistrialis</i>	HARRISON: Caddo Lake SP	13-Jun-12		B/K
<i>Glaphyria sequistrialis</i>	JOHNSON: Burleson	06-Aug-12		RSF
<i>Hellula phidilealis</i>	Hidalgo: Alamo	20-Nov-12		CWB
<i>Herpetogramma bipunctalis</i>	JOHNSON: Burleson	29-Jul-12		RSF
<i>Herpetogramma phaeopteralis</i>	JOHNSON: Burleson	18-Sep-12		RSF
<i>Hydriris ornatalis</i>	Hidalgo: Alamo	05-Dec-12		CWB
<i>Hileithia magualis</i>	MORRIS: Daingerfield SP	11-Jun-12		B/K
<i>Hileithia magualis</i>	Hidalgo: Alamo	30-Sep-12	20-Nov-12	B/K
<i>Hileithia rehamalis</i>	JOHNSON: Hamm Creek Park	17-Aug-12		RSF
<i>Hymenia perspectalis</i>	WOOD: Jarvis CC	27-Jul-12		BBN
<i>Hymenia perspectalis</i>	MORRIS: Daingerfield SP	13-Aug-12		B/K
<i>Lamprosema victoriae</i>	TRAVIS: Austin	24-Oct-12		CSX
<i>Lineodes fontella</i>	HIDALGO: Alamo	21-Nov-12		CWB
<i>Lineodes integra</i>	JOHNSON: Burleson	16-Mar-12		RSF
<i>Lineodes integra</i>	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
<i>Lineodes integra</i>	HARRISON: Caddo Lake SP	13-Jun-12		B/K
<i>Lipocosma sicalis</i>	MORRIS: Daingerfield SP	13-Aug-12		B/K
<i>Marasmia trapezalis</i>	Hidalgo: Alamo	07-Nov-12		CWB
<i>Microcrambus elegans</i>	MORRIS: Daingerfield SP	10-Jun-12		B/K
<i>Microtheoris ophionalis</i>	MORRIS: Daingerfield SP	11-Jun-12	13-Aug-12	B/K
<i>Microtheoris ophionalis</i>	HARRISON: Caddo Lake SP	13-Jun-12		B/K
<i>Munroessa gyralis</i>	JOHNSON: Burleson	27-Jul-12		RSF
<i>Nealgedonia extricalis</i>	MORRIS: Daingerfield SP	11-Jun-12		B/K
<i>Neohelvitotys neohelvalis</i>	JOHNSON: Burleson	06-Sep-12		RSF

<i>Niphograptia albiguttalis</i>	KAUFMAN: Becker	30-Apr-12		JMC
<i>Nomophila nearctica</i>	MORRIS: Daingerfield SP	11-Jun-12	13-Aug-12	B/K
<i>Nomophila nearctica</i>	HARRISON: Caddo Lake SP	13-Jun-12		B/K
<i>Nomophila nearctica</i>	SABINE: Six Mile	15-Jun-12		B/K
<i>Omiodes indicata</i>	Hidalgo: Alamo	03-Nov-12	04-Dec-12	CWB
<i>Ommatospila narcaeusalis</i>	TRAVIS: Austin	25-Oct-12		CSX
<i>Ommatospila narcaeusalis</i>	JOHNSON: Burlison	07-Nov-12		RSF
<i>Ommatospila narcaeusalis</i>	MCLENNAN: Harris Creek	06-Dec-12		AG1
<i>Ostrinia obubratalis</i>	JOHNSON: Burlison	26-Aug-12		RSF
<i>Ostrinia penitalis</i>	MORRIS: Daingerfield SP	11-Jun-12	13-Aug-12	B/K
<i>Ostrinia penitalis</i>	HARRISON: Caddo Lake SP	13-Jun-12		B/K
<i>Ostrinia penitalis</i>	JOHNSON: Hamm Creek Park	17-Aug-12		RSF
<i>Palpita flegia</i>	Hidalgo: Alamo	06-Nov-12	01-Dec-12	B/K
<i>Palpita freemanalis</i>	MORRIS: Daingerfield SP	13-Aug-12		B/K
<i>Palpita quadristigmalis</i>	NACOGDOCHES: Nacogdoches	09-Jun-12		B/K
<i>Palpita quadristigmalis</i>	MORRIS: Daingerfield SP	10-Jun-12		B/K
<i>Palpita quadristigmalis</i>	HARRISON: Caddo Lake SP	13-Jun-12		B/K
<i>Palpita quadristigmalis</i>	SABINE: Six Mile	15-Jun-12		B/K
<i>Pantographa limata</i>	HARRISON: Caddo Lake SP	13-Jun-12		B/K
<i>Parapediasia teterrella</i>	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
<i>Parapediasia teterrella</i>	SABINE: Six Mile	16-Jun-12		B/K
<i>Parapoxyn allionealis</i>	MORRIS: Daingerfield SP	11-Jun-12	13-Aug-12	B/K
<i>Parapoxyn allionealis</i>	JOHNSON: Burlison	12-Oct-12		RSF
<i>Parapoxyn maculalis</i>	SABINE: Six Mile	15-Jun-12		B/K
<i>Petrophila bifascialis</i>	JOHNSON: Hamm Creek Park	17-Aug-12		JMC
<i>Petrophila jaliscalis</i>	JOHNSON: Hamm Creek Park	17-Aug-12		RSF
<i>Gonocausta sabinalis</i>	BEE: Beeville	23-Aug-12		MH1
Jimmy Jackson pix				
<i>Pyrausta laticlavata</i>	JOHNSON: Burlison	26-Mar-12		RSF
<i>Pyrausta laticlavata</i>	MORRIS: Daingerfield SP	10-Jun-12		B/K
<i>Pyrausta lethalis</i>	EDWARDS: Camp Wood	31-Aug-12		MH1
A. Hendrickson pix				
<i>Pyrausta nexalis</i>	MCLENNAN: Harris Creek	18-Dec-12		AG1
<i>Pyrausta pseuderosnealis</i>	JOHNSON: Burlison	20-May-12		RSF
<i>Pyrausta tyralis</i>	JOHNSON: Burlison	24-Mar-12		RSF
<i>Pyrausta tyralis</i>	KAUFMAN: Becker	17-Jun-12		JMC
<i>Pyrausta volupialis</i>	Hidalgo: Alamo	12-Nov-12		CWB
<i>Samea ecclesialis</i>	JOHNSON: Burlison	24-Aug-12		RSF
<i>Sericoplaga externalis</i>	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
<i>Spoladea recurvalis</i>	JOHNSON: Burlison	03-Aug-12		RSF
<i>Stegea eripalis</i>	MORRIS: Daingerfield SP	13-Aug-12		B/K
<i>Stegea eripalis</i>	JOHNSON: Burlison	21-Sep-12		RSF
<i>Synclita oblitalis</i>	NACOGDOCHES: Nacogdoches	09-Jun-12		B/K
<i>Synclita oblitalis</i>	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
<i>Synclita oblitalis</i>	HARRISON: Caddo Lake SP	13-Jun-12		B/K
<i>Synclita oblitalis</i>	SABINE: Six Mile	15-Jun-12		B/K
<i>Synclita oblitalis</i>	JOHNSON: Burlison	04-Aug-12		RSF
<i>Syngamia florella</i>	MCLENNAN: Harris Creek	24-Jul-12		AG1
<i>Syngamia florella</i>	JOHNSON: Burlison	26-Jul-12		RSF
<i>Syngamia florella</i>	Hidalgo: Alamo	18-Sep-12	01-Dec-12	CWB
<i>Udea rubigalis</i>	NACOGDOCHES: Nacogdoches	09-Jun-12		B/K
<i>Udea rubigalis</i>	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
<i>Uresiphita reversalis</i>	JOHNSON: Burlison	09-Apr-12		RSF
.				
<i>Uresiphita reversalis</i>	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
<i>Usingeriessa brunnilidalis</i>	TRAVIS: Austin	04-Oct-12		CSX

PYRALIDAE

<i>Parachma ochracealis</i>	MORRIS: Daingerfield SP	13-Aug-12		B/K
<i>Galasa nigrinodis</i>	JOHNSON: Burlison	11-Sep-12		RSF

Satole sacculana	HARRISON: Caddo Lake SP	13-Jun-12		B/K
Satole sacculana	SABINE: Six Mile	16-Jun-12		B/K
Sciota celtidella	SABINE: Six Mile	15-Jun-12		B/K
Sciota subcaesiella	MORRIS: Daingerfield SP	11-Jun-12		B/K
Sciota uvinella	MORRIS: Daingerfield SP	13-Aug-12		B/K
Streptopalpia minusculalis	MEDINA: 3 mi. N of Devine	03-Nov-12		MH1
Arta olivalis	MORRIS: Daingerfield SP	11-Jun-12		B/K
Arta olivalis	HARRISON: Caddo Lake SP	13-Jun-12		B/K
Arta olivalis	SABINE: Six Mile	15-Jun-12		B/K
Arta statalis	HARRISON: Caddo Lake SP	13-Jun-12		B/K
Macalla glastionalis	Hidalgo: Alamo	20-Nov-12		CWB
Macalla superatalis	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
Macalla zelleri	SABINE: Six Mile	16-Jun-12		B/K
Cacozelia elegans	Hidalgo: Alamo	30-Nov-12		CWB
Tallula atrifascialis	HARRISON: Caddo Lake SP	13-Jun-12		B/K
Pococera expandens	SABINE: Six Mile	16-Jun-12		B/K
Pococera humerella	SABINE: Six Mile	16-Jun-12		B/K
Pococera robustella	MORRIS: Daingerfield SP	13-Aug-12		B/K
Galleria mellonella	MORRIS: Daingerfield SP	11-Jun-12		B/K
Anagasta kuehniella	JOHNSON: Burleson	02-Oct-12		RSF
Pimodes caliginosus	MORRIS: Daingerfield SP	13-Aug-12		B/K
Salebriaria atratella	NACOGDOCHES: Nacogdoches	09-Jun-12		B/K
Salebriaria atratella	SABINE: Six Mile	16-Jun-12		B/K
Salebriaria engeli	MORRIS: Daingerfield SP	11-Jun-12	13-Aug-12	B/K
Salebriaria engeli	HARRISON: Caddo Lake SP	13-Jun-12		B/K
Salebriaria fructetella	SABINE: Six Mile	16-Jun-12		B/K
Salebriaria nubiferella	JOHNSON: Hamm Creek Park	18-Aug-12		RSF
Salebriaria fasciata	MORRIS: Daingerfield SP	12-Jun-12		JMC
Salebriaria squamopalpiella	MORRIS: Daingerfield SP	13-Aug-12		B/K
Salebriaria fergusonella	MORRIS: Daingerfield SP	13-Aug-12		B/K
Salebriaria ademptandella	JOHNSON: Hamm Creek Park	17-Aug-12		JMC
Dioryctria clarioralis	SABINE: Six Mile	16-Jun-12		B/K
Dioryctria pygmaeella	SABINE: Six Mile	16-Jun-12		B/K
Oryctometopia fossulatella	Hidalgo: Alamo	18-Nov-12		B/K
Adelphia petrella	JOHNSON: Burleson	20-May-12		RSF
Adelphia petrella	MORRIS: Daingerfield SP	13-Aug-12		B/K
Ocrasa nostralis	JOHNSON: Burleson	03-Oct-12		RSF
Heterographis morrisonella	JOHNSON: Burleson	21-Apr-12		RSF
Canarsia ulmiarrosorella	JOHNSON: Burleson	30-Jul-12		RSF
Dolichomia binodulalis	WOOD: Jarvis CC	16-Mar-12		BBN
Dolichomia binodulalis	MORRIS: Daingerfield SP	13-Aug-12		B/K
Dolichomia olinalis	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
Dolichomia olinalis	HARRISON: Caddo Lake SP	13-Jun-12		B/K
Dolichomia olinalis	SABINE: Six Mile	16-Jun-12		B/K
Homoeosoma electellum	JOHNSON: Burleson	29-Jul-12		RSF
Homoeosoma electellum	MORRIS: Daingerfield SP	13-Aug-12		B/K
Laetilia coccidivora	JOHNSON: Burleson	05-Apr-12		RSF
Bandera binotella	JOHNSON: Burleson	21-Aug-12		RSF
Tampa dimediatella	JOHNSON: Burleson	07-Aug-12		RSF
Basacalis tarachodes	MORRIS: Daingerfield SP	11-Jun-12		JMC
PTEROPHORIDAE				
Trichoptilus californicus	JOHNSON: Burleson	31-Aug-12		RSF
Platyptilia carduidactyla	JOHNSON: Burleson	08-Sep-12		RSF
Pselnophorus belfragei	JOHNSON: Burleson	29-Jul-12		RSF
SESIIDAE				
Pennisetia marginata	ANDERSON: Engling WMA	13-Oct-12		RSF
STATE RECORD				
Cissuvora ampelopsis	KAUFMAN: Becker	02-May-12		JMC
Paranthrene simulans	Jefferson: Beaumont	03-May-12		CWB

Vitacea scepsiformis SYVE lure	Jefferson: Beaumont	10-May-12		CWB
Vitacea scepsiformis	HARRISON: Caddo Lake SP	12-Jun-12		B/K
Melittia calabaza	MCLENNAN: Harris Creek	10-Jul-12		AG1
Synanthedon acerni	Morris: Daingerfield SP	11-Jun-12	13-Aug-12	B/K
Synanthedon refulgens	Jefferson: Beaumont	30-Apr-12		CWB
Synanthedon refulgens	HARRISON: Caddo Lake SP	11-Jun-12		B/K
Synanthedon rileyana	MORRIS: Daingerfield SP	13-Aug-12		B/K
Synanthedon rubrofascia	Morris: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
Podosesia aureocincta	LAVACA: 7 mi. S of Schulenburg	04-Nov-12		JMC
Podosesia aureocincta	NUECES: Corpus Christi	23-Nov-12		JMC
Sannina uroceriformis SYVE lure	HENDERSON: CR 3913	18-Apr-12		JMC
Carmenta armasata	Hidalgo: Alamo	29-Oct-12	21-Nov-12	B/K
Carmenta odda	Jefferson: Beaumont	06-May-12		CWB
Carmenta pyralidiformis	BRAZOS: Lick Creek Park	18-Oct-12		JMC
CHOREUTIDAE				
Tebenna gnaphaliella larvae on Gnaphalium obtusifolium, reared to adults.	JEFFERSON: Beaumont	18-May-12		CWB
ZYGAENIDAE				
Harrisina americana	Jefferson: Beaumont	18-Mar-12		CWB
Harrisina americana	KAUFMAN: Becker	10-Apr-12		JMC
Harrisina coracina	Hidalgo: Alamo	21-Oct-12	01-Dec-12	CWB
LACTURIDAE				
Lactura atrolinea	MEDINA: 3 mi. N of Devine	29-Mar-12		MH1
Lactura basistriga	WOOD: Jarvis CC	16-Mar-12		BBN
COSSIDAE				
Givira anna	JOHNSON: Burleson	24-Jul-12		RSF
Givira arbeloides	MCLENNAN: Harris Creek	04-Aug-12		AG1
Givira theodori	NUECES: Stedman Island	09-May-12		JMC
Cossula magnifica	LIBERTY: Liberty	21-Apr-12		TBL
Prionoxystus macmurtrei STATE RECORD; not previously reported.	JEFFERSON: Beaumont	17-Jun-90		CWB
Prionoxystus macmurtrei Lisa Dolliver pix.	DALLAS: Cedar Hill	14-Mar-12		JMC
Prionoxystus robiniae	WOOD: Jarvis CC	16-Mar-12		BBN
LIMACODIDAE				
Lithacodes fasciola	KAUFMAN: Becker	07-Apr-12		JMC
Apoda biguttata	MORRIS: Daingerfield SP	13-Aug-12		B/K
Apoda y-inversum	JOHNSON: Burleson	01-May-12		RSF
Apoda y-inversum	MORRIS: Daingerfield SP	13-Aug-12		B/K
Prolimacodes badia	MORRIS: Daingerfield SP	11-Jun-12	13-Aug-12	B/K
Adoneta spinuloides	MORRIS: Daingerfield SP	11-Jun-12	13-Aug-12	B/K
Monoleuca semifascia	MORRIS: Daingerfield SP	10-Jun-12		B/K
Monoleuca semifascia	HARRISON: Caddo Lake SP	13-Jun-12		B/K
Monoleuca semifascia	SABINE: Six Mile	15-Jun-12		B/K
Monoleuca semifascia	JOHNSON: Burleson	20-Aug-12		RSF
Euclea delphinii	WOOD: nr. Quitman	28-Jul-12		BBN
Euclea nanina	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
Euclea nanina	SABINE: Six Mile	15-Jun-12		B/K
TORTRICIDAE				
Bactra lancealana	JOHNSON: Burleson	09-Apr-12		RSF
Bactra verutana	JOHNSON: Burleson	09-Apr-12		RSF
Cenopis mackayiana STATE RECORD: newly described by J. Kruse; leg. Margaret Mackay	BREWSTER: Big Bend NP, Chisos Basin	04-May-59		ECK
Cenopis vabroui STATE RECORD	JASPER: Martin Dies SP	08-May-86		ECK
Cenopis vabroui	LIBERTY: BITH: Menard Creek Unit	22-May-95		B/K
Cenopis vabroui	HARDIN: R.E. Larsen Sandylands Pres. (TNC)	02-May-99		B/K
Endothenia hebesana	JOHNSON: Burleson	02-Dec-12		RSF
Eumarozia malachitana	MORRIS: Daingerfield SP	11-Jun-12	13-Aug-12	B/K

<i>Eumarozia malachitana</i>	HARRISON: Caddo Lake SP	13-Jun-12		B/K
<i>Phaecasiophora niveiguttana</i>	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
<i>Olethreutes monetiferana</i>	HARRISON: Caddo Lake SP	06-Apr-86	18-Apr-07	ECK
STATE RECORD: last by B/K				
<i>Olethreutes monetiferana</i>	CASS: Atlanta SP	20-Apr-07		B/K
<i>Phaneta citricolorana</i>	BRISCOE: Caprock Canyon SP	20-Aug-94		ECK
STATE RECORD				
<i>Eucosma blanchardi</i>	BREWSTER: BIBE: Nugent Mt.	21-Sep-71		DJW
STATE RECORD: leg. A & M.E. Blanchard, USNM (newly described.)				
<i>Eucosma johnstoni</i>	BREWSTER: Alpine	22-May-50		DJW
STATE RECORD: leg. E. C. Johnston, CNC (newly described)				
<i>Eucosma floridana</i>	TYLER: BITH: Sundew Trail	02-Sep-93		B/K
STATE RECORD				
<i>Eucosma floridana</i>	HARDIN: REL Sandylands Pres. (TNC)	14-Sep-96		B/K
<i>Eucosma persolita</i>	JOHNSON: Burleson	28-Aug-12		RSF
<i>Eucosma ridingsana</i>	JOHNSON: Burleson	09-Oct-12		RSF
<i>Sparganothis robinsonana</i>	UVALDE: Concan	12-Oct-93		CWB
STATE RECORD: PARATYPE				
<i>Pelochrista scintillana</i>	JOHNSON: Burleson	06-Apr-12		RSF
<i>Epiblema scudderiana</i>	MORRIS: Daingerfield SP	11-Jun-12	13-Aug-12	B/K
<i>Epiblema tripartitana</i>	JOHNSON: Burleson	26-Mar-12		RSF
<i>Hystriophora vestaliana</i>	HENDERSON: CR 3913	12-Apr-12		JMC
<i>Ofatulena duodecemstriata</i>	JOHNSON: Burleson	12-Aug-12		RSF
<i>Cydia latiferreanus</i>	JOHNSON: Burleson	27-Jul-12		RSF
<i>Cydia membrorsa</i>	JOHNSON: Burleson	30-Jul-12		RSF
<i>Cydia toreuta</i>	WOOD: Jarvis CC	27-Jul-12		BBN
<i>Croesia semipurpurana</i>	JOHNSON: Burleson	21-Apr-12		RSF
<i>Decodes basiplaganus</i>	JOHNSON: Burleson	12-Oct-12		RSF
<i>Cudonigera houstonana</i>	JOHNSON: Hamm Creek Park	17-Aug-12		RSF
<i>Archips argyrospila</i>	JOHNSON: Burleson	17-Apr-12		RSF
<i>Sparganothis caryae</i>	HARRISON: Caddo Lake SP	13-Jun-12		B/K
<i>Sparganothis distincta</i>	HARRISON: Caddo Lake SP	13-Jun-12		B/K
<i>Sparganothis distincta</i>	JOHNSON: Burleson	03-Oct-12		RSF
<i>Sparganothis lindalinea</i>	SABINE: Six Mile	28-May-89		ECK
STATE RECORD: newly described by Powell & Brown, MONA fasc. 8.1 (2012).				
<i>Platynota blanchardi</i>	JEFF DAVIS: Fort Davis	03-Apr-67		B/K
STATE RECORD: newly described by Powell & Brown, leg. A. Blanchard				
<i>Platynota larreana</i>	CULBERSON: GUMO: Williams Ranch	07-Sep-91		ECK
STATE RECORD				
<i>Platynota nigrocervina</i>	JOHNSON: Burleson	20-Sep-12		RSF
<i>Platynota rostrana</i>	JOHNSON: Burleson	08-Sep-12		RSF
<i>Platynota zapatana</i>	ZAPATA: Zapata	18-Sep-73		B/K
STATE RECORD: newly described by Powell & Brown, leg. A. Blanchard				
<i>Platynota zapatana</i>	UVALDE: Concan	24-Jun-12		B/K
Actual State Record, leg. F. C. Pratt (Apr., 1910- see Powell & Brown). Paratypes.				
<i>Platynota texana</i>	CAMERON: Brownsville	15-Feb-37		B/K
STATE RECORD: newly described by Powell & Brown, leg. T.N. Freeman				
<i>Coelostathma placidana</i>	ANDERSON: Engling WMA	25-Apr-82		ECK
STATE RECORD: newly described by Powell & Brown, MONA fasc. 8.1 (2012).				
<i>Coelostathma placidana</i>	HARRIS : Houston	04-Feb-87		ECK
leg. A. Blanchard (both paratypes.)				
<i>Eugnosta deceptana</i>	MEDINA: 3 mi. N of Devine	02-Nov-12		MH1
<i>Carolella bimaculana</i>	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
<i>Eugnosta erigeronana</i>	MORRIS: Daingerfield SP	10-Jun-12		B/K
<i>Carolella sartana</i>	SABINE: Six Mile	15-Jun-12		B/K
GEOMETRIDAE				
<i>Macaria aemulataria</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Macaria aequiferaria</i>	MORRIS: Daingerfield SP	10-Jun-12		B/K
<i>Macaria bicolorata</i>	SABINE: Six Mile	15-Jun-12		B/K
<i>Psamatodes abydata</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Psamatodes abydata</i>	JOHNSON: Burleson	27-Jul-12		RSF
<i>Psamatodes abydata</i>	MORRIS: Daingerfield SP	13-Aug-12		B/K
<i>Macaria transitaria</i>	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K

<i>Macaria transitaria</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Macaria transitaria</i>	SABINE: Six Mile	15-Jun-12		B/K
<i>Macaria varadaria</i>	SABINE: Six Mile	16-Jun-12		B/K
<i>Digrammia atrofasciata</i>	JOHNSON: Hamm Creek Park	17-Aug-12		RSF
<i>Digrammia continuata</i>	MORRIS: Caddo Lake SP	12-Jun-12		B/K
<i>Digrammia pallorata</i>	JOHNSON: Hamm Creek Park	17-Aug-12		RSF
<i>Digrammia gnophosaria</i>	SABINE: Six Mile	15-Jun-12		B/K
<i>Rindgea cyda</i>	CONCHO: US 287 RA	22-Jul-12		B/K
<i>Rindgea disparcata</i>	JOHNSON: Hamm Creek Park	17-Aug-12		RSF
<i>Rindgea nigricomma</i>	MORRIS: Daingerfield SP	13-Aug-12		B/K
<i>Rindgea prolificata</i>	MCLENNAN: Harris Creek	07-Dec-12		AG1
<i>Enconista dislocaria</i>	MCLENNAN: Harris Creek	22-Feb-12		AG1
<i>Hypomecis umbrosaria</i>	MORRIS: Daingerfield SP	11-Jun-12		B/K
<i>Glena cribrataria</i>	SABINE: Six Mile	15-Jun-12		B/K
<i>Glena quinquelinearia</i>	JOHNSON: Hamm Creek Park	17-Aug-12		RSF
<i>Tornos scolopacinaris</i>	JOHNSON: Burleson	13-Mar-12		RSF
<i>Tornos scolopacinaris</i>	MORRIS: Daingerfield SP	11-Jun-12		B/K
<i>Tornos scolopacinaris</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Anacamptodes defectaria</i>	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
<i>Anacamptodes defectaria</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Anacamptodes defectaria</i>	SABINE: Six Mile	15-Jun-12		B/K
<i>Anacamptodes defectaria</i>	CONCHO: US 287 RA	22-Jul-12		B/K
<i>Anavitrinella astrigaria</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Anavitrinella pampinaria</i>	JOHNSON: Burleson	30-Jul-12		RSF
<i>Hypagyrtis unipunctata</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Hypagyrtis unipunctata</i>	MORRIS: Daingerfield SP	13-Aug-12		B/K
<i>Paleacrita vernata</i>	JOHNSON: Burleson	27-Jan-12		RSF
<i>Erannis tiliaria</i>	MCLENNAN: Harris Creek	09-Dec-12		AG1
<i>Lomographa vestaliata</i>	MORRIS: Daingerfield SP	10-Jun-12		B/K
<i>Lomographa vestaliata</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Erastria cruentaria</i>	WOOD: nr. Quitman	28-Jul-12		BBN
<i>Episemasia cervinaria</i>	JOHNSON: Burleson	19-May-12		RSF
<i>Episemasia cervinaria</i>	MORRIS: Daingerfield SP	13-Aug-12		B/K
<i>Euchlaena amoenaria</i>	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
<i>Euchlaena amoenaria</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Euchlaena deplanaria</i>	MCLENNAN: Harris Creek	12-Mar-12		AG1
<i>Euchlaena marginaria</i>	WOOD: Jarvis CC	16-Mar-12		BBN
<i>Euchlaena marginaria</i>	JOHNSON: Burleson	13-Aug-12		RSF
<i>Euchlaena obtusaria</i>	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
<i>Euchlaena pectinaria</i>	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
<i>Euchlaena pectinaria</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Cymatophora approximaria</i>	MEDINA: 3 mi. N of Devine	24-Oct-12		MH1
<i>Pero astapa</i>	MORRIS: Daingerfield SP	11-Jun-12	13-Aug-12	B/K
<i>Pero astapa</i>	SABINE: Six Mile	15-Jun-12		B/K
<i>Sphacelodes vulneraria</i>	MCLENNAN: Harris Creek	21-Oct-12		AG1
<i>Metanema inatormaria</i>	JOHNSON: Burleson	17-Apr-12		RSF
<i>Metarranthis hypocharia</i>	WOOD: Jarvis CC	16-Mar-12		BBN
<i>Probole alienaria</i>	SABINE: Six Mile	16-Mar-12		ECK
<i>Probole amicara</i>	SABINE: Six Mile	15-Jun-12		B/K
<i>Eutrapela clemataria</i>	WOOD: Jarvis CC	16-Mar-12		BBN
<i>Eutrapela clemataria</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Prochoerodes lineola</i>	MORRIS: Daingerfield SP	11-Jun-12		B/K
<i>Prochoerodes lineola</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Prochoerodes lineola</i>	SABINE: Six Mile	15-Jun-12		B/K
<i>Synchlora aerata</i>	JOHNSON: Burleson	06-Aug-12		RSF
<i>Synchlora frondaria</i>	JOHNSON: Burleson	26-Jul-12		RSF
<i>Hethemia pistasciaria</i>	WOOD: Jarvis CC	16-Mar-12		BBN
<i>Euacidalia sericearia</i>	JOHNSON: Burleson	08-Aug-12		RSF
<i>Idaea demissaria</i>	NACOGDOCHES: Nacogdoches	09-Jun-12		B/K

<i>Idaea demissaria</i>	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
<i>Idaea furciferata</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Idaea furciferata</i>	JOHNSON: Hamm Creek Park	18-Aug-12		RSF
<i>Pleuroprucha insulsaria</i>	JOHNSON: Burleson	11-May-12		RSF
<i>Pleuroprucha insulsaria</i>	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
<i>Cyclophora nanaria</i>	JOHNSON: Burleson	27-Jul-12		RSF
<i>Cyclophora packardi</i>	MORRIS: Daingerfield SP	11-Jun-12	13-Aug-12	B/K
<i>Cyclophora packardi</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Calothysanis amaturlaria</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Scopula aemulata</i>	MORRIS: Daingerfield SP	13-Aug-12		B/K
<i>Scopula limboundata</i>	MORRIS: Daingerfield SP	13-Aug-12		B/K
<i>Scopula umbilicata</i>	JOHNSON: Hamm Creek Park	17-Aug-12		RSF
<i>Leptostales pannaria</i>	MORRIS: Daingerfield SP	13-Aug-12		B/K
<i>Eulithis gracilineata</i>	MORRIS: Daingerfield SP	10-Jun-12		B/K
<i>Eulithis gracilineata</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Archirhoe neomexicana</i>	Hidalgo: Alamo	26-Nov-12		CWB
<i>Archirhoe neomexicana</i> Teddy Kuma pic via Kelly Mortensen.	LAMPASAS: SE of Kempner	08-Dec-12		MPG
<i>Archirhoe neomexicana</i>	MCLENNAN: Harris Creek	22-Dec-12		AG1
<i>Archirhoe neomexicana</i>	MEDINA: 3 mi. N of Devine	25-Dec-12		MH1
<i>Heterusia atalantata</i>	Starr: Falcon Heights	29-Mar-12		BN1
<i>Orthonama centrostrigaria</i>	MORRIS: Daingerfield SP	11-Jun-12		B/K
<i>Orthonama centrostrigaria</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Orthonama obstipata</i>	MCLENNAN: Harris Creek	22-Feb-12		AG1
<i>Disclisioprocta stellata</i>	JOHNSON: Burleson	26-Jul-12		RSF
<i>Disclisioprocta stellata</i>	MORRIS: Daingerfield SP	13-Aug-12		B/K
<i>Disclisioprocta stellata</i>	BRAZOS: John Crompton Park	01-Oct-12		JMC
<i>Disclisioprocta stellata</i>	Hidalgo: Alamo	01-Dec-12		CWB
<i>Eubaphe unicolor</i>	JOHNSON: Hamm Creek Park	17-Aug-12		RSF
<i>Horisme intestinata</i>	JOHNSON: Burleson	27-Mar-12		RSF
<i>Eupithecia miserulata</i>	JOHNSON: Burleson	17-Apr-12		RSF
<i>Eupithecia miserulata</i>	MORRIS: Daingerfield SP	11-Jun-12		B/K
<i>Eupithecia miserulata</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
APATELODIDAE				
<i>Olceclostera angelica</i>	SABINE: Six Mile	16-Jun-12		B/K
LASIOCAMPIDAE				
<i>Tolyte minta</i>	LIBERTY: Liberty	21-Apr-12		TBL
<i>Tolyte notialis</i>	SABINE: Six Mile	28-Apr-12		B/K
<i>Tolyte vellea</i>	EDWARDS: Camp Wood	18-Oct-12		MH1
<i>A. Hendrickson pix</i>				
<i>Tolyte vellea</i>	JOHNSON: Burleson	31-Oct-12		RSF
<i>Tolyte vellea</i>	TRAVIS: Austin	01-Nov-12		TBL
<i>Apotolyte brevicrista</i>	EDWARDS: north of Camp Wood	06-May-12		ECK
<i>A. Hendrickson pix</i> via Jimmy Jackson				
<i>Heteropacha rileyana</i>	JOHNSON: Burleson	27-Mar-12		RSF
<i>Phyllodesma americana</i>	MCLENNAN: Harris Creek	22-Feb-12		AG1
<i>Phyllodesma americana</i>	EASTLAND: SR 6 X IH-20	14-Mar-12		JMC
<i>Phyllodesma occidentis</i>	MCLENNAN: Harris Creek	22-Feb-12		AG1
<i>Malacosoma americanum</i>	SABINE: Six Mile	28-Apr-12		B/K
SATURNIIDAE				
<i>Eacles imperialis</i>	GREGG: Longview	11-Aug-71		CWB
<i>Eacles imperialis</i>	Sabine: Six Mile	15-Jun-12		B/K
<i>Eacles imperialis</i>	Morris: Daingerfield SP	13-Aug-12		B/K
<i>Eacles imperialis</i>	WILLIAMSON: Florence	25-Aug-12		TBL
<i>Citheronia regalis</i>	GREGG: Longview	08-Jul-72		CWB
<i>Anisota senatoria</i>	GREGG: Longview	19-Aug-73		CWB
<i>Anisota stigma</i>	GREGG: Longview	20-Aug-72		CWB
<i>Anisota stigma</i>	WOOD: Jarvis CC	27-Jul-12		BBN
<i>Anisota stigma</i>	MORRIS: Daingerfield SP	13-Aug-12		B/K
<i>Anisota stigma</i>	HARRISON: Caddo Lake SP	14-Aug-12		B/K

Anisota virginienensis	GREGG: Longview	23-Jul-72	01-Jul-73	CWB
Hemileuca maia C. Shackelford photo	HARRISON: Caddo Lake SP	09-Dec-12		CAE
Automeris io	GREGG: Longview	21-Jul-72	16-Aug-73	CWB
Agapema anona platensis Ann Richards & T. Hibbits pix	EDWARDS: Camp Wood	04-Nov-12	05-Nov-12	MH1
Antheraea polyphemus	GREGG: Longview	27-Aug-72	03-Sep-75	CWB
Antheraea polyphemus	EASTLAND: SR 6 X IH-20	14-Mar-12		JMC
Antheraea polyphemus	MCLENNAN: Harris Creek	15-Mar-12		AG1
Antheraea polyphemus	WOOD: Jarvis CC	16-Mar-12		BBN
Actias luna	GREGG: Longview	30-Jun-72		CWB
Actias luna	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
Eupackardia calleta	Medina: 3 mi. N of Devine	22-Feb-12	28-Feb-12	MH1
Eupackardia calleta last instar larvae on Leucophyllum.	Nueces: Corpus Christi	24-Nov-12		JMC
Callosamia promethea	GREGG: Longview	19-Aug-75		CWB
Callosamia promethea female oviposited on Liquidambar, reared to adults.	Sabine: Six Mile	17-Mar-12		B/K

SPHINGIDAE

Agrius cingulata	GREGG: Longview	19-Aug-72		CWB
Agrius cingulata	TRAVIS: Austin	26-Aug-12		TBL
Agrius cingulata	MCLENNAN: Harris Creek	19-Oct-12		AG1
Manduca quinquemaculatus	GREGG: Longview	12-Apr-72		CWB
Manduca quinquemaculatus	WOOD: nr. Quitman	28-Jul-12		BBN
Manduca quinquemaculatus	MCLENNAN: Harris Creek	06-Sep-12		AG1
Manduca rustica	GREGG: Longview	17-Aug-72	22-Aug-75	CWB
Manduca rustica	SABINE: Fairmount	28-Apr-12		B/K
Manduca rustica	Morris: Daingerfield SP	13-Aug-12		B/K
Manduca sexta	GREGG: Longview	17-Apr-72		CWB
Manduca sexta	WOOD: Jarvis CC	27-Jul-12		BBN
Manduca sexta	MCLENNAN: Harris Creek	21-Oct-12		AG1
Dolba hyloeus	GREGG: Longview	30-Jun-71		CWB
Dolba hyloeus	TRAVIS: Austin	01-Jun-12	31-Oct-12	CSX
Dolba hyloeus	MORRIS: Daingerfield SP	10-Jun-12		B/K
Dolba hyloeus	PANOLA: US 59 X SR 149	15-Jun-12		B/K
Ceratomia amyntor	JEFFERSON: Beaumont	30-Apr-89		CWB
Ceratomia catalpae	GREGG: Longview	20-Jul-72	26-Aug-76	CWB
Ceratomia catalpae	WOOD: Jarvis CC	27-Jul-12		BBN
Ceratomia catalpae	MORRIS: Daingerfield SP	13-Aug-12		B/K
Ceratomia catalpae	HARRISON: Caddo Lake SP	14-Aug-12		B/K
Ceratomia hageni	GREGG: Longview	16-Aug-73		CWB
Ceratomia hageni	HARRISON: Caddo Lake SP	12-Jun-12		B/K
Ceratomia hageni	MORRIS: Daingerfield SP	13-Aug-12		B/K
Ceratomia undulosa	GREGG: Longview	25-Jul-71		CWB
Ceratomia undulosa	SABINE: Six Mile	16-Mar-12		B/K
Ceratomia undulosa	WOOD: Jarvis CC	19-May-12		BBN
Ceratomia undulosa	HARRISON: Caddo Lake SP	12-Jun-12		B/K
Ceratomia undulosa	MORRIS: Daingerfield SP	13-Aug-12		B/K
Ceratomia undulosa	Hidalgo: Alamo	28-Oct-12		CWB
Isoparce cupressi	GREGG: Longview	07-Jul-72		CWB
Isoparce cupressi	SABINE: Six Mile	17-Mar-12		B/K
Paratreia plebeja	GREGG: Longview	08-Jul-75		CWB
Paratreia plebeja	HARRISON: Caddo Lake SP	12-Jun-12		B/K
Paratreia plebeja	MCLENNAN: Harris Creek	17-Jul-12		AG1
Paratreia plebeja	WOOD: nr. Quitman	28-Jul-12		BBN
Sphinx dollii	COMAL: T Bar M Ranch	28-Sep-11		DTA
Sphinx kalmiae Janet Mahanay photo.	TITUS: 6 mi. E of Mt. Pleasant	12-Sep-12		MH1
Lintneria eremitoides A. Hendrickson pix	EDWARDS: Camp Wood	07-Sep-12		MH1

Lintneria istar T. Hibbits	EDWARDS: Camp Wood	15-Oct-12		TBL
Protambulyx strigilis Matt Crocker photo	HIDALGO: McAllen	03-Dec-12		MR2
Smerinthus jamaicensis	WOOD: Jarvis CC	19-May-12		BBN
Smerinthus jamaicensis	NEWTON: Deweyville	15-Aug-12		B/K
Paonias excaecata	GREGG: Longview	27-Aug-72		CWB
Paonias excaecata	Morris: Daingerfield SP	13-Aug-12		B/K
Paonias excaecata	Harrison: Caddo Lake SP	14-Aug-12		B/K
Paonias myops	GREGG: Longview	25-Aug-71		CWB
Paonias myops	HARRISON: Caddo Lake SP	12-Jun-12		B/K
Amorpha juglandis	GREGG: Longview	27-Aug-72		CWB
Amorpha juglandis	SABINE: Six Mile	16-Mar-12	17-Mar-12	B/K
Amorpha juglandis	Nacogdoches: Nacogdoches	09-Jun-12		B/K
Pachysphinx modesta	HARRIS: Spring Valley	30-Jun-12		CWB
Pseudosphinx tetrio larvae found on Plumeria	Hidalgo: Mission	03-Dec-12		MR2
Erinnyis alope leg. David Kent	SAN JACINTO: FM 2025, 5 mi. W of US 59	20-Jul-12		TBL
Erinnyis ello	GREGG: Longview	15-Jul-72		CWB
Erinnyis ello	DALLAS: Glenn Heights	27-Aug-12		DXC
Erinnyis ello	MCLENNAN: Harris Creek	21-Oct-12		AG1
Erinnyis lassauxii	Travis: Austin	20-Aug-12		TBL
Erinnyis lassauxii	MCLENNAN: Harris Creek	06-Oct-12		AG1
Erinnyis lassauxii	BRAZOS: Hopes Creek Rd.	10-Oct-12		JMC
Erinnyis lassauxii	Hidalgo: Alamo	19-Oct-12		B/K
Erinnyis lassauxii	Bexar: San Antonio	06-Dec-12		MDV
Erinnyis obscura	GREGG: Longview	28-Aug-71		CWB
Erinnyis obscura	COMAL: T Bar M Ranch	28-Sep-11		DTA
Erinnyis obscura	Brazos: Hopes Creek Rd.	04-Oct-12		JMC
Erinnyis obscura	JOHNSON: Burleson	12-Oct-12		RSF
Erinnyis obscura	MCLENNAN: Harris Creek	20-Oct-12		AG1
Aellopos clavipes	Hidalgo: Alamo	04-Oct-12	18-Nov-12	B/K
Aellopos fadus	Hidalgo: Alamo	14-Oct-12		B/K
Aellopos titan	Hidalgo: Alamo	01-Oct-12	21-Oct-12	CWB
Enyo lugubris	TRAVIS: Austin	28-Sep-12		CSX
Enyo lugubris	DALLAS: Glenn Heights	27-Oct-12		DXC
Enyo lugubris	STARR: Falcon Heights	05-Dec-12		BN1
Enyo ocypete STATE RECORD	HIDALGO: Alamo	02-Nov-12		CWB
Hemaris diffinis	GREGG: Longview	07-Aug-74	09-Jul-75	CWB
Hemaris thysbe	GREGG: Longview	18-Aug-73		CWB
Eumorpha achemon	GREGG: Longview	20-Jul-72		CWB
Eumorpha fasciatus	GREGG: Longview	11-Apr-72		CWB
Eumorpha labruscae B. Dempwolf	Travis: Austin	18-Sep-12		TBL
Eumorpha labruscae	BASTROP: Utley	18-Sep-12		TBL
Eumorpha labruscae	MCLENNAN: Harris Creek	22-Sep-12		AG1
Eumorpha pandorus	GREGG: Longview	02-Jul-73		CWB
Eumorpha pandorus	SABINE: Six Mile	16-Jun-12		B/K
Deidamia inscriptum	GREGG: Longview	17-Mar-71		CWB
Deidamia inscriptum	MCLENNAN: Harris Creek	14-Mar-12		AG1
Deidamia inscriptum	WOOD: Jarvis CC	16-Mar-12		BBN
Amphion floridensis	GREGG: Longview	14-May-72		CWB
Amphion floridensis	Jefferson: Beaumont	09-Mar-12		CWB
Proserpinus gaurae previously reported as P. juanita.	GREGG: Longview	05-Aug-72		CWB
Proserpinus juanita leg. Jack Carter	HUTCHISON: Lake Meredith NRA	31-Mar-12		RSF
Darapsa choerilus	GREGG: Longview	20-Aug-73		CWB
Darapsa choerilus	WOOD: Jarvis CC	19-May-12		BBN

Darapsa choerilus	MORRIS: Daingerfield SP	13-Aug-12		B/K
Darapsa choerilus	JOHNSON: Hamm Creek Park	17-Aug-12		RSF
Darapsa myron	GREGG: Longview	27-Aug-72		CWB
Darapsa myron	WOOD: nr. Quitman	28-Jul-12		BBN
Darapsa versicolor	Morris: Daingerfield SP	13-Aug-12		B/K
Xylophanes tersa	GREGG: Longview	13-May-73		CWB
Hyles lineata	GREGG: Longview	11-Apr-73		CWB
Hyles lineata	CROSBY: White River Lake	14-Mar-12	15-Mar-12	JMC
Hyles lineata	MCLENNAN: Harris Creek	15-Apr-12		AG1
Hyles lineata	MORRIS: Daingerfield SP	11-Jun-12		B/K
Hyles lineata	HARRISON: Caddo Lake SP	12-Jun-12		B/K
NOTODONTIDAE				
Hyperaeschra georgica	SABINE: Six Mile	16-Mar-12		B/K
Hyperaeschra georgica	MORRIS: Daingerfield SP	10-Jun-12		B/K
Hyperaeschra georgica	HARRISON: Caddo Lake SP	12-Jun-12		B/K
Furcula borealis	SABINE: Six Mile	16-Mar-12		B/K
Furcula cinerea	MORRIS: Daingerfield SP	13-Aug-12		B/K
Datana integerrima	MORRIS: Daingerfield SP	13-Aug-12		B/K
Datana integerrima	JOHNSON: Hamm Creek Park	18-Aug-12		RSF
Nadata gibbosa	SABINE: Six Mile	16-Mar-12	16-Jun-12	B/K
Nadata gibbosa	WOOD: Jarvis CC	19-May-12		BBN
Nadata gibbosa	MORRIS: Daingerfield SP	11-Jun-12	13-Aug-12	B/K
Nadata gibbosa	HARRISON: Caddo Lake SP	12-Jun-12		B/K
Peridea angulosa	SABINE: Six Mile	16-Mar-12		B/K
Peridea angulosa	MORRIS: Daingerfield SP	11-Jun-12	13-Aug-12	B/K
Peridea angulosa	HARRISON: Caddo Lake SP	12-Jun-12		B/K
Peridea angulosa	PANOLA: US 59 X SR 149	15-Jun-12		B/K
Peridea angulosa	JOHNSON: Hamm Creek Park	19-Aug-12		RSF
Misogada unicolor	SABINE: Six Mile	28-Apr-12		B/K
Macrurocampa marthesia	MORRIS: Daingerfield SP	11-Jun-12	13-Aug-12	B/K
Heterocampa biundata	SABINE: Six Mile	28-Apr-12		B/K
Heterocampa obliqua	Jefferson: Beaumont	28-May-12		CWB
Heterocampa obliqua	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
Heterocampa obliqua	HARRISON: Caddo Lake SP	12-Jun-12		B/K
Heterocampa subrotata	SABINE: Six Mile	16-Jun-12		B/K
Heterocampa subrotata	JOHNSON: Hamm Creek Park	18-Aug-12		RSF
Heterocampa umbrata	SABINE: Six Mile	16-Mar-12		B/K
Lochmaeus bilineata	SABINE: Six Mile	16-Mar-12	16-Jun-12	B/K
Lochmaeus bilineata	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
Lochmaeus bilineata	HARRISON: Caddo Lake SP	12-Jun-12		B/K
Lochmaeus bilineata	BRAZOS: Hopes Creek Rd.	11-Sep-12		JMC
Lochmaeus manteo	MORRIS: Daingerfield SP	11-Jun-12	13-Aug-12	B/K
Lochmaeus manteo	HARRISON: Caddo Lake SP	12-Jun-12		B/K
Schizura badia	JOHNSON: Hamm Creek Park	17-Aug-12		RSF
Schizura ipomoeae	HARRISON: Caddo Lake SP	12-Jun-12		B/K
Schizura leptinoides	MCLENNAN: Harris Creek	25-Jun-11		AG1
Schizura leptinoides	SABINE: Six Mile	28-Apr-12	16-Jun-12	B/K
Schizura leptinoides	MORRIS: Daingerfield SP	13-Aug-12		B/K
Schizura leptinoides	JOHNSON: Hamm Creek Park	18-Aug-12		RSF
Schizura unicornis	SABINE: Six Mile	16-Mar-12	16-Jun-12	B/K
Schizura unicornis	SABINE: Six Mile	28-Apr-12	16-Jun-12	B/K
Schizura unicornis	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
Schizura unicornis	HARRISON: Caddo Lake SP	12-Jun-12		B/K
Oligocentria semirufescens	MORRIS: Daingerfield SP	11-Jun-12		JMC
Oligocentria lignicolor	SABINE: Six Mile	16-Mar-12	28-Apr-12	B/K
Oligocentria lignicolor	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
Oligocentria lignicolor	HARRISON: Caddo Lake SP	12-Jun-12		B/K
Hyparpax aurora	MORRIS: Daingerfield SP	11-Jun-12		B/K
Hyparpax aurora	HARRISON: Caddo Lake SP	15-Jun-12		B/K

<i>Hippia packardii</i>	JOHNSON: Burleson	06-Aug-12		RSF
<i>Symmerista albifrons</i>	SABINE: Six Mile	16-Mar-12	16-Jun-12	B/K
<i>Symmerista albifrons</i>	TYLER: Colmesneil	16-Mar-12		B/K
<i>Symmerista albifrons</i>	MORRIS: Daingerfield SP	11-Jun-12		B/K
<i>Symmerista albifrons</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
NOCTUIDAE				
<i>Trichoplusia ni</i>	NACOGDOCHES: Nacogdoches	09-Jun-12		B/K
<i>Ctenoplusia oxygramma</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Pseudoplusia includens</i>	MORRIS: Daingerfield SP	13-Aug-12		B/K
<i>Rachiplusia ou</i>	JOHNSON: Burleson	31-Jan-12		RSF
<i>Exyra semicrocea</i>	WOOD: Jarvis CC	27-Jul-12		BBN
<i>Tripudia luxuriosa</i>	Hidalgo: Alamo	05-Nov-12	25-Nov-12	B/K
<i>Tripudia quadrifera</i>	MORRIS: Daingerfield SP	11-Jun-12	13-Aug-12	B/K
<i>Tripudia quadrifera</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Tripudia quadrifera</i>	MENARD: San Saba River	22-Jul-12		CWB
<i>Tripudia goyanensis</i>	Hidalgo: Santa Ana NWR	16-Oct-12		B/K
<i>Cobubatha hippotes</i>	Hidalgo: Alamo	24-Oct-12		CWB
STATE RECORD				
<i>Ozarba aerea</i>	SABINE: Six Mile	16-Jun-12		B/K
<i>Hyperstrotia flaviguttata</i>	MORRIS: Daingerfield SP	10-Jun-12		B/K
<i>Thioptera nigrofimbria</i>	JOHNSON: Burleson	13-Aug-12		RSF
<i>Thioptera nigrofimbria</i>	MORRIS: Daingerfield SP	13-Aug-12		B/K
<i>Pseuduestrotia indeterminata</i>	SABINE: Six Mile	16-Jun-12		B/K
<i>Pseuduestrotia indeterminata</i>	MORRIS: Daingerfield SP	13-Aug-12		B/K
<i>Maliattha synochitis</i>	JOHNSON: Burleson	08-Apr-12		RSF
<i>Cerma cerintha</i>	MCLENNAN: Harris Creek	14-Aug-12		AG1
<i>Cerma cerintha</i>	JOHNSON: Hamm Creek Park	17-Aug-12		RSF
<i>Amyna bullula</i>	JOHNSON: Burleson	10-Sep-12		RSF
<i>Metaponepneumata rogenhoferi</i>	Hidalgo: Alamo	01-Oct-12		CWB
<i>Bagisara praexcelsa</i>	TRAVIS: Austin	16-Sep-12		TBL
<i>Bagisara rectifascia</i>	JOHNSON: Burleson	02-Aug-12		RSF
<i>Bagisara repanda</i>	JOHNSON: Burleson	02-Dec-12		RSF
<i>Cydosia aurivitta</i>	JOHNSON: Hamm Creek Park	17-Aug-12		RSF
<i>Tarachidia candefacta</i>	CROSBY: White River Lake	14-Mar-12		JMC
<i>Tarachidia erastrionides</i>	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
<i>Tarachidia libedis</i>	CROSBY: White River Lake	14-Mar-12		JMC
<i>Tarachidia phecolisca</i>	BRAZOS: Hopes Creek Rd.	11-Sep-12		JMC
<i>Spragueia leo</i>	MORRIS: Daingerfield SP	13-Aug-12		B/K
<i>Spragueia obatra</i>	JOHNSON: Hamm Creek Park	17-Aug-12		RSF
<i>Acontia abdominalis</i>	CROSBY: White River Lake	14-Mar-12		JMC
<i>Acontia aprica</i>	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
<i>Acontia aprica</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Acontia aprica</i>	WOOD: Jarvis CC	27-Jul-12		BBN
<i>Acontia flavipennis</i>	JOHNSON: Burleson	13-Apr-12		RSF
<i>Acontia quadriplaga</i>	BRAZOS: Hopes Creek Rd.	04-Oct-12		JMC
<i>Acontia sedata</i>	HIDALGO: Alamo	16-Nov-12		CWB
<i>Panthea furcilla</i>	WOOD: Jarvis CC	16-Mar-12		BBN
<i>Panthea furcilla</i>	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
<i>Panthea furcilla</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Panthea furcilla</i>	Sabine: Six Mile	16-Jun-12		B/K
<i>Panthea furcilla</i>	GREGG: Longview	27-Dec-12		CWB
<i>Charadra deridens</i>	GREGG: Longview	16-Aug-72		CWB
<i>Charadra deridens</i>	HARRISON: Caddo Lake SP	13-Jun-12		B/K
<i>Raphia abrupta</i>	SABINE: Six Mile	16-Jun-12		B/K
<i>Acronicta afflicta</i>	JOHNSON: Burleson	18-May-12		RSF
<i>Acronicta afflicta</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Acronicta americana</i>	GREGG: Longview	03-Sep-72		CWB
<i>Acronicta americana</i>	SABINE: Six Mile	16-Mar-12		B/K
<i>Acronicta betulae</i>	MORRIS: Daingerfield SP	11-Jun-12	13-Aug-12	JMC

<i>Acronicta betulae</i>	SABINE: Six Mile	16-Jun-12		B/K
<i>Acronicta betulae</i>	KAUFMAN: Becker	23-Jun-12		JMC
<i>Acronicta clarescens</i>	SABINE: Six Mile	16-Mar-12		B/K
<i>Acronicta clarescens</i>	JOHNSON: Burleson	18-Mar-12		RSF
<i>Acronicta clarescens</i>	MORRIS: Daingerfield SP	13-Aug-12		B/K
<i>Acronicta connecta</i>	HARRISON: Caddo Lake SP	13-Jun-12		B/K
<i>Acronicta connecta</i>	SABINE: Six Mile	16-Jun-12		B/K
<i>Acronicta exilis</i>	SABINE: Six Mile	16-Jun-12		B/K
<i>Acronicta grisea</i>	WOOD: Jarvis CC	16-Mar-12		BBN
<i>Acronicta hasta</i>	GREGG: Longview	13-Mar-72		CWB
<i>Acronicta hasta</i>	WOOD: Jarvis CC	19-May-12		BBN
<i>Acronicta impleta</i>	GREGG: Longview	13-Mar-72	30-Jun-75	CWB
<i>Acronicta impleta</i>	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
<i>Acronicta inclarata</i>	JOHNSON: Burleson	30-Apr-12		RSF
<i>Acronicta lobeliae</i>	JOHNSON: Burleson	05-May-12		RSF
<i>Acronicta lobeliae</i>	MORRIS: Daingerfield SP	13-Aug-12		B/K
<i>Acronicta morula</i>	GREGG: Longview	12-Mar-72		CWB
<i>Acronicta morula</i>	HARRISON: Caddo Lake SP	13-Jun-12		B/K
<i>Acronicta retardata</i>	SABINE: Six Mile	16-Mar-12	16-Jun-12	B/K
<i>Acronicta retardata</i>	KAUFMAN: Becker	06-Apr-12		JMC
<i>Acronicta retardata</i>	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
<i>Acronicta retardata</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Acronicta retardata</i>	SABINE: Six Mile	16-Jun-12		B/K
<i>Acronicta tritona</i>	SABINE: Six Mile	16-Mar-12		B/K
<i>Acronicta tritona</i>	MORRIS: Daingerfield SP	11-Jun-12		JMC
<i>Acronicta vinnula</i>	JOHNSON: Burleson	29-Apr-12		RSF
<i>Simyra insularis</i>	SABINE: Six Mile	16-Jun-12		B/K
<i>Agriopodes fallax</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Polygrammate hebraeicum</i>	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
<i>Polygrammate hebraeicum</i>	WOOD: Jarvis CC	27-Jul-12		BBN
<i>Xerociris wilsonii</i>	MCLENNAN: Harris Creek	30-Aug-12		AG1
<i>Xerociris wilsonii</i>	BRAZOS: Hopes Creek Rd.	04-Oct-12		JMC
<i>Eudryas grata</i>	GREGG: Longview	17-Aug-73		CWB
<i>Eudryas grata</i>	SABINE: Six Mile	16-Mar-12		B/K
<i>Eudryas unio</i>	GREGG: Longview	20-Jul-72		CWB
<i>Eudryas unio</i>	HENDERSON: Athens	02-Jun-75		CWB
<i>Eudryas unio</i>	RUSK: Kilgore	04-Jul-77		CWB
<i>Eudryas unio</i>	SABINE: Six Mile	28-Apr-12		B/K
<i>Eudryas unio</i>	WOOD: Jarvis CC	27-Jul-12		BBN
<i>Psychomorpha epimenis</i> early flight in E&CTX- no new co.'s reported.	Jefferson: Beaumont	17-Feb-12		CWB
<i>Eupseudomorpha brillians</i> Jack Carter	DICKENS: Dickens Springs Park	14-Mar-12		TBL
<i>Alypia octomaculata</i>	GREGG: Longview	02-Apr-72		CWB
<i>Alypia octomaculata</i>	SABINE: Sabine NF, FR 113	16-Mar-12		B/K
<i>Alypia octomaculata</i>	WOOD: Jarvis CC	16-Mar-12		BBN
<i>Androloma disparata</i>	Hidalgo: Rio Rico Rd.	18-Oct-12	07-Nov-12	CWB
<i>Cucullia lethe</i>	JOHNSON: Burleson	08-Apr-12		RSF
<i>Cucullia lethe</i>	BROOKS: Falfurrias	13-Sep-12	13-Oct-12	B/K
<i>Catabena lineolata</i>	JOHNSON: Burleson	09-Sep-12		RSF
<i>Catabenoides terminellus</i>	JOHNSON: Hamm Creek Park	17-Aug-12		RSF
<i>Sympistis atricollaris</i>	JOHNSON: Burleson	12-Mar-12		RSF
<i>Sympistis sectilis</i>	Hidalgo: Alamo	02-Oct-12		CWB
<i>Amphipyra glabella</i>	KAUFMAN: Becker	17-May-12		JMC
<i>Amphipyra glabella</i>	JOHNSON: Burleson	18-May-12		RSF
<i>Amphipyra pyramidoides</i>	GREGG: Longview	28-Jun-73	30-Jun-75	CWB
<i>Amphipyra pyramidoides</i>	RUSK: 1 mi. S of Kilgore	04-Jul-77		CWB
<i>Amphipyra pyramidoides</i>	MORRIS: Daingerfield SP	11-Jun-12	13-Aug-12	B/K
<i>Amphipyra pyramidoides</i>	SABINE: Six Mile	16-Jun-12		B/K

<i>Psaphida rolandi</i>	JOHNSON: Burleson	21-Feb-12		RSF
<i>Copivaleria grotei</i>	JOHNSON: Burleson	26-Feb-12		RSF
<i>Feralia major</i>	GREGG: Longview	31-Jan-72	15-Jan-76	CWB
<i>Lythrodes venatus</i>	Brewster: Marathon	19-Sep-12		Y/T
<i>Phosphila miselioides</i>	GREGG: Longview	01-May-75	05-Jun-75	CWB
<i>Phosphila miselioides</i>	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
<i>Phosphila miselioides</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Phosphila miselioides</i>	SABINE: Six Mile	16-Jun-12		B/K
<i>Phosphila turbulenta</i>	GREGG: Longview	21-Feb-72		CWB
<i>Phosphila turbulenta</i>	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
<i>Phosphila turbulenta</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Phosphila turbulenta</i>	SABINE: Six Mile	16-Jun-12		B/K
<i>Plagiomimicus olvello</i>	Brewster: Marathon	19-Sep-12		Y/T
<i>Plagiomimicus pityochromus</i>	GREGG: Longview	13-Jun-71		CWB
<i>Chamaeclea basiochrea</i>	MEDINA: 3 mi. N of Devine	01-Oct-12		MH1
<i>Helicoverpa zea</i>	GREGG: Longview	27-Jun-71		CWB
<i>Helicoverpa zea</i>	RUSK: Kilgore	04-Jul-77		CWB
<i>Helicoverpa zea</i>	Morris: Daingerfield SP	13-Aug-12		B/K
<i>Heliopsis virescens</i>	JOHNSON: Burleson	14-Aug-12		RSF
<i>Schinia accessa</i>	STARR: Falcon Heights	10-Oct-12		BN1
<i>Schinia arcigera</i>	MCLENNAN: Harris Creek	03-Oct-12		AG1
<i>Schinia bicuspidata</i>	BROOKS: Falfurrias	13-Oct-12		ECK
<i>Schinia bifurcata</i>	HUTCHINSON: Lake Meredith NRA	31-Mar-12		RSF
<i>Schinia bina</i>	MOORE: Lake Meredith NRA	31-Mar-12		RSF
<i>Schinia citrinella</i>	BROOKS: Falfurrias	13-Sep-12	13-Oct-12	B/K
<i>Schinia crenilinea</i>	MEDINA: 3 mi. N of Devine	13-Apr-12		MH1
<i>Schinia cupes</i>	CROSBY: White River Lake	14-Mar-12		RSF
<i>Schinia diffusa</i>	BROOKS: Falfurrias	13-Oct-12		ECK
<i>Schinia diffusa</i>	KLEBERG: Riviera	13-Oct-12		ECK
<i>Schinia gaurae</i>	GREGG: Longview	11-Jun-72		CWB
<i>Schinia grandimedia</i>	JOHNSON: Burleson	10-Sep-12		RSF
<i>Schinia hanga</i>	Hidalgo: Alamo	01-Oct-12		CWB
<i>Schinia hanga</i>	BROOKS: Falfurrias	13-Oct-12		ECK
<i>Schinia jaguarina</i>	JOHNSON: Burleson	10-Apr-12		RSF
<i>Schinia nubila</i>	BRAZOS: Batts Ferry Rd.	11-Oct-12		JMC
<i>Schinia obscurata</i>	WISE: LBJ Grasslands	05-May-12		JMC
<i>Schinia regia</i>	BROOKS: Falfurrias	13-Sep-12	13-Oct-12	B/K
<i>Schinia regia</i>	KLEBERG: Riviera	13-Oct-12		ECK
<i>Schinia rivulosa</i>	MCLENNAN: Harris Creek	03-Sep-12		AG1
<i>Schinia saturata</i>	MCLENNAN: Harris Creek	11-Sep-12		AG1
<i>Schinia siren</i>	MCLENNAN: Harris Creek	13-Sep-12		AG1
<i>Schinia siren</i>	BROOKS: Falfurrias	13-Sep-12	13-Oct-12	B/K
<i>Schinia siren</i>	KLEBERG: Riviera	13-Oct-12		ECK
<i>Schinia sordida</i>	KLEBERG: Riviera	13-Oct-12		ECK
<i>Schinia tertia</i>	JOHNSON: Burleson	04-Sep-12		RSF
<i>Schinia tertia</i>	MCLENNAN: Harris Creek	22-Sep-12		AG1
<i>Schinia thoreau</i>	MCLENNAN: Harris Creek	30-Aug-12		AG1
<i>Schinia ultima</i>	BROOKS: Falfurrias	13-Oct-12		ECK
<i>Perigea xanthioides</i>	JOHNSON: Hamm Creek Park	17-Aug-12		RSF
<i>Condica albigerata</i>	Hidalgo: Alamo	02-Nov-12	01-Dec-12	CWB
<i>Condica sutor</i>	JOHNSON: Burleson	03-May-12		RSF
<i>Condica sutor</i>	SABINE: Six Mile	16-Jun-12		B/K
<i>Condica vecors</i>	GREGG: Longview	04-Jul-72		CWB
<i>Condica videns</i>	NACOGDOCHES: Nacogdoches	09-Jun-12		B/K
<i>Condica videns</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Ogdoconta cinereola</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Ogdoconta cinereola</i>	MORRIS: Daingerfield SP	13-Aug-12		B/K
<i>Micrathetis triplex</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Micrathetis triplex</i>	SABINE: Six Mile	16-Jun-12		B/K

Micrathetis triplex	JOHNSON: Burleson	20-Nov-12		RSF
Micrathetis triplex	Hidalgo: Alamo	02-Dec-12		CWB
Leuconycta lepidula	GREGG: Longview	01-May-75		CWB
Leuconycta lepidula	MORRIS: Daingerfield SP	10-Jun-12		B/K
Spodoptera albula	JOHNSON: Hamm Creek Park	17-Aug-12		RSF
Spodoptera dolichos	MORRIS: Daingerfield SP	11-Jun-12		B/K
Spodoptera eridania	SABINE: Six Mile	16-Jun-12		B/K
Spodoptera eridania	MORRIS: Daingerfield SP	13-Aug-12		B/K
Spodoptera eridania	JOHNSON: Burleson	22-Sep-12		RSF
Spodoptera frugiperda	GREGG: Longview	11-Jul-72		CWB
Spodoptera frugiperda	RUSK: 1 mi. S of Kilgore	04-Jul-77		CWB
Spodoptera frugiperda	MORRIS: Daingerfield SP	13-Aug-12		B/K
Spodoptera ornithogalli	GREGG: Longview	12-Mar-72		CWB
Spodoptera ornithogalli	RUSK: 1 mi. S of Kilgore	04-Jul-77		CWB
Spodoptera ornithogalli	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
Spodoptera ornithogalli	HARRISON: Caddo Lake SP	12-Jun-12		B/K
Spodoptera ornithogalli	SABINE: Six Mile	16-Jun-12		B/K
Elaphria chalcedonia	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
Elaphria chalcedonia	HARRISON: Caddo Lake SP	12-Jun-12		B/K
Elaphria chalcedonia	SABINE: Six Mile	16-Jun-12		B/K
Elaphria fuscimacula	HARRISON: Caddo Lake SP	12-Jun-12		B/K
Galgula partita	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
Cosmia calami	KAUFMAN: Becker	02-May-12		JMC
Cosmia calami	JOHNSON: Burleson	11-May-12		RSF
Dypterygia patina	JOHNSON: Burleson	21-Aug-12		RSF
Nedra ramosula	GREGG: Longview	17-Mar-72		CWB
Nedra ramosula	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
Nedra ramosula	HARRISON: Caddo Lake SP	12-Jun-12		B/K
Chytonix palliatricula	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
Chytonix palliatricula	HARRISON: Caddo Lake SP	12-Jun-12		B/K
Chytonix palliatricula	SABINE: Six Mile	16-Jun-12		B/K
Properigea tapeta	HARRISON: Caddo Lake SP	13-Jun-12		B/K
Metaxaglaea viatica	MCLENNAN: Harris Creek	29-Nov-12		AG1
Metaxaglaea viatica	JOHNSON: Burleson	01-Dec-12		RSF
Sunira bicolorago	JOHNSON: Burleson	18-Nov-12		RSF
Sunira bicolorago	Harris: Spring Valley	23-Dec-12		ECK
Himella fidelis	JOHNSON: Burleson	07-Mar-12		RSF
Morrisonia triangula	SABINE: Six Mile	17-Mar-12	16-Jun-12	CWB
Trichoclea decepta	Hidalgo: Alamo	15-Nov-12	21-Nov-12	B/K
Faronta diffusa	GREGG: Longview	11-Mar-72		CWB
Faronta diffusa	HARRISON: Caddo Lake SP	12-Jun-12		B/K
Mythimna unipuncta	GREGG: Longview	30-Jun-75		CWB
Mythimna unipuncta	RUSK: Kilgore	04-Jul-77		CWB
Mythimna unipuncta	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
Mythimna unipuncta	HARRISON: Caddo Lake SP	12-Jun-12		B/K
Lacinipolia explicata	WOOD: Jarvis CC	27-Jul-12		BBN
Protorthodes orobia	JOHNSON: Burleson	03-Oct-12		RSF
Orthodes cynica	JOHNSON: Burleson	12-Apr-12		RSF
Tricholita baranca	Travis: Austin	13-Oct-12		CSX
Peridroma saucia	GREGG: Longview	06-Jun-73		CWB
Peridroma saucia	RUSK: Kilgore	04-Jul-77		CWB
Peridroma saucia	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
Peridroma saucia	HARRISON: Caddo Lake SP	12-Jun-12		B/K
Peridroma saucia	SABINE: Six Mile	16-Jun-12		B/K
Anicla infecta	GREGG: Longview	11-Jul-72		CWB
Anicla infecta	GREGG: Kilgore	04-Jul-77		CWB
Anicla infecta	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
Anicla infecta	HARRISON: Caddo Lake SP	12-Jun-12		B/K
Anicla infecta	SABINE: Six Mile	16-Jun-12		B/K

Anicla simplicius	GREGG: Longview	11-Jul-72		CWB
Anicla simplicius	RUSK: Kilgore	04-Jul-77		CWB
Eucloptocnemis fimbriaris	JOHNSON: Burlison	10-Oct-12		RSF
Eucloptocnemis fimbriaris	STARR: Falcon Heights	21-Nov-12		BN1
Euxoa auxiliaris	JOHNSON: Burlison	10-Apr-12		RSF
Euxoa inconcinna	GREGG: Longview	23-Feb-72		CWB
Feltia subterranea	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
Feltia subterranea	HARRISON: Caddo Lake SP	12-Jun-12		B/K
Feltia subterranea	SABINE: Six Mile	16-Jun-12		B/K
Agrotis malefida	MORRIS: Daingerfield SP	10-Jun-12		B/K
Agrotis malefida	SABINE: Six Mile	16-Jun-12		B/K
EREBIDAE				
Cisthene packardii	GREGG: Longview	16-Jun-72		CWB
Cisthene packardii	SABINE: Six Mile	16-Jun-12		B/K
Cisthene packardii	MORRIS: Daingerfield SP	13-Aug-12		B/K
Cisthene subjecta	GREGG: Longview	11-Jul-72		CWB
Cisthene tenuifascia	JOHNSON: Hamm Creek Park	17-Aug-12		RSF
Cisthene unifascia	GREGG: Longview	19-Apr-72		CWB
Lycomorpha pholus	JOHNSON: Hamm Creek Park	13-Jul-12		JMC
Hypoprepia fucosa	GREGG: Longview	19-Jun-72		CWB
Hypoprepia miniata mississippiensis	NACOGDOCHES: Nacogdoches	09-Jun-12		B/K
Hypoprepia miniata mississippiensis	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
Crambidia lithosioides	MORRIS: Daingerfield SP	13-Aug-12		B/K
Holomelina aurantiaca	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
Holomelina costata	JOHNSON: Hamm Creek Park	17-Aug-12		RSF
Holomelina costata	MCLENNAN: Harris Creek	20-Sep-12		AG1
Holomelina immaculata	HENDERSON: Athens	03-Jun-75		CWB
STATE RECORD				
Holomelina laeta	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
Xenosoma flaviceps	HIDALGO: Alamo	04-Dec-12		CWB
US RECORD				
Grammia arge	GREGG: Longview	20-Feb-71		CWB
Grammia figurata	HENDERSON: Athens	19-Jun-73		CWB
Grammia figurata	GREGG: Longview	01-Jun-77		CWB
Grammia figurata	RUSK: 1 mi. S of Kilgore	17-Jun-77		CWB
Grammia phyllira	GREGG: Longview	18-Jun-72		CWB
Apantesis nais	WOOD: Jarvis CC	16-Mar-12		BBN
Apantesis nais	MORRIS: Daingerfield SP	13-Aug-12		B/K
Apantesis phalerata	WOOD: Jarvis CC	16-Mar-12		BBN
Apantesis vittata	GREGG: Longview	13-Jun-71		CWB
Apantesis vittata	WOOD: Jarvis CC	19-May-12		BBN
Pyrrharctia isabella	WOOD: Jarvis CC	16-Mar-12		BBN
Estigmene acrea	GREGG: Longview	25-Feb-72		CWB
Estigmene acrea	HENDERSON: Athens	03-Jun-75		CWB
Estigmene acrea	RUSK: 1 mi. S of Kilgore	16-Jul-96		CWB
Estigmene acrea	JEFFERSON: Beaumont	15-Apr-12		CWB
Hyphantria cunea	GREGG: Longview	16-Mar-72		CWB
Hyphantria cunea	RUSK: 1 mi. S of Kilgore	04-Mar-78		CWB
Hyphantria cunea	JEFFERSON: Beaumont	10-Feb-81		CWB
Hyphantria cunea	Morris: Daingerfield SP	13-Aug-12		B/K
Spilosoma congrua	GREGG: Longview	18-Aug-73		CWB
Spilosoma congrua	JEFFERSON: Beaumont	10-Aug-86	12-May-12	CWB
Spilosoma congrua	RUSK: 1 mi. S of Kilgore	16-Jul-96		CWB
Spilosoma virginica	GREGG: Longview	04-May-75		CWB
Spilosoma virginica	RUSK: 1 mi. S of Kilgore	16-Jul-96		CWB
Spilosoma virginica	WOOD: Jarvis CC	19-May-12		BBN
Spilosoma virginica	MORRIS: Daingerfield SP	13-Aug-12		B/K
Spilosoma virginica	MCLENNAN: Harris Creek	27-Sep-12		AG1
Euerythra phasma	MORRIS: Daingerfield SP	10-Jun-12		B/K

<i>Euerythra phasma</i>	MCLENNAN: Harris Creek	15-Jul-12		AG1
<i>Euerythra trimaculata</i>	GREGG: Longview	08-May-74		CWB
<i>Hypercompe caudata</i>	Hidalgo: Alamo	16-Nov-12	26-Nov-12	CWB
<i>Hypercompe scribonia</i>	GREGG: Longview	19-Aug-73		CWB
<i>Hypercompe scribonia</i>	HENDERSON: Athens	03-Jun-75		CWB
<i>Hypercompe scribonia</i>	RUSK: 1 mi. S of Kilgore	16-Jul-96		CWB
<i>Hypercompe scribonia</i>	JEFFERSON: Beaumont	15-Apr-12		CWB
<i>Hypercompe scribonia</i>	SABINE: Six Mile	28-Apr-12		B/K
<i>Haploa clymene</i>	GREGG: Longview	13-Jun-71		CWB
<i>Haploa clymene</i>	RUSK: 1 mi. S of Kilgore	17-Jun-77		CWB
<i>Haploa clymene</i>	KAUFMAN: Becker	17-May-12		JMC
<i>Haploa colona</i>	GREGG: Longview	09-May-72		CWB
<i>Haploa colona</i>	HENDERSON: Athens	03-Jun-75		CWB
<i>Haploa colona</i>	RUSK: 1 mi. S of Kilgore	17-Jun-77		CWB
<i>Haploa reversa</i>	GREGG: Longview	13-Jun-71		CWB
<i>Haploa reversa</i>	HENDERSON: Athens	03-Jun-75		CWB
<i>Haploa reversa</i>	RUSK: 1 mi. S of Kilgore	17-Jun-77		CWB
<i>Utetheisa ornatix</i>	GREGG: Longview	09-Jul-73		CWB
<i>Utetheisa ornatix</i>	MCLENNAN: Harris Creek	30-Jul-12		AG1
<i>Utetheisa ornatix</i>	JOHNSON: Burlison	13-Sep-12		RSF
<i>Utetheisa ornatix</i>	Hidalgo: Alamo	06-Nov-12	26-Nov-12	CWB
<i>Pareuchaetes insulata</i>	HARRIS: Spring Valley	27-Sep-12		B/K
<i>Pareuchaetes insulata</i>	MCLENNAN: Harris Creek	12-Oct-12		AG1
<i>Pareuchaetes insulata</i>	TRAVIS: Austin	24-Oct-12		CSX
<i>Pareuchaetes insulata</i>	BRAZOS: Batts Ferry Rd.	25-Oct-12		JMC
<i>Cycnia tenera</i>	GREGG: Longview	22-Jun-73		CWB
<i>Agaraea semivittata</i>	Hidalgo: Alamo	28-Oct-12	03-Dec-12	CWB
<i>Euchaetes bolteri</i>	MCLENNAN: Harris Creek	02-Sep-12		AG1
<i>Euchaetes egle</i>	MCLENNAN: Harris Creek	19-Aug-12		AG1
<i>Euchaetes perlevis</i>	Culberson: Van Horn	08-Jul-12		ECK
<i>Pygarctia neomexicana</i> S. Eberhart pix	MIDLAND: no locality given	10-Apr-12		MPG
<i>Pygarctia neomexicana</i>	Brewster: Marathon	18-May-12		Y/T
<i>Pygarctia roseicapitis</i>	MCLENNAN: Harris Creek	04-Sep-12		AG1
<i>Pygarctia spraguei</i>	GREGG: Longview	05-Aug-72		CWB
<i>Halysidota tessellaris</i>	GREGG: Longview	28-Mar-71		CWB
<i>Neoplynes eudora</i>	NUECES: Stedman Island	09-May-12		JMC
<i>Phaloesia saucia</i>	Hidalgo: Rio Rico Rd.	18-Oct-12		CWB
<i>Cisseps fulvicollis</i>	GREGG: Longview	03-Jun-75		CWB
<i>Cisseps fulvicollis</i>	WOOD: Jarvis CC	19-May-12		BBN
<i>Cisseps fulvicollis</i>	MORRIS: Daingerfield SP	11-Jun-12	13-Aug-12	B/K
<i>Cisseps fulvicollis</i>	MCLENNAN: Harris Creek	15-Jun-12		AG1
<i>Aclytia heber</i> US RECORD	HIDALGO: Alamo	01-Nov-12		CWB
<i>Dasychira atrivenosa</i>	SABINE: Six Mile	28-Apr-12		B/K
<i>Schrankia macula</i>	SABINE: Six Mile	16-Jun-12		B/K
<i>Eumestleta recta</i>	JOHNSON: Burlison	03-Dec-12		RSF
<i>Metalectra diabolica</i>	JOHNSON: Hamm Creek Park	17-Aug-12		RSF
<i>Metalectra quadrisignata</i>	JOHNSON: Hamm Creek Park	17-Aug-12		RSF
<i>Metalectra tantillus</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Metalectra tantillus</i>	MORRIS: Daingerfield SP	13-Aug-12		B/K
<i>Sigela eoides</i>	SABINE: Six Mile	16-Jun-12		B/K
<i>Pangrapta decoralis</i>	MORRIS: Daingerfield SP	11-Jun-12	13-Aug-12	B/K
<i>Pangrapta decoralis</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Ledaea perditalis</i>	MORRIS: Daingerfield SP	11-Jun-12	13-Aug-12	B/K
<i>Ledaea perditalis</i>	SABINE: Six Mile	16-Jun-12		B/K
<i>Ledaea perditalis</i>	JOHNSON: Hamm Creek Park	17-Aug-12		RSF
<i>Idia aemula</i>	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
<i>Idia aemula</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K

<i>Idia aemula</i>	JOHNSON: Burleson	06-Aug-12		RSF
<i>Idia americalis</i>	JOHNSON: Burleson	05-Apr-12		RSF
<i>Idia americalis</i>	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
<i>Idia americalis</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Idia denticulalis</i>	MORRIS: Daingerfield SP	13-Aug-12		B/K
<i>Idia lubricalis</i>	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
<i>Idia lubricalis</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Idia majoralis</i>	JOHNSON: Burleson	08-Apr-12		RSF
<i>Macrochilo litophora</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Tetanolita mynesalis</i>	MORRIS: Daingerfield SP	11-Jun-12	13-Aug-12	B/K
<i>Tetanolita mynesalis</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Bleptina caradrinalis</i>	SABINE: Six Mile	16-Jun-12		B/K
<i>Palthis angulalis</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Palthis asopialis</i>	MORRIS: Daingerfield SP	10-Jun-12		B/K
<i>Palthis asopialis</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Hypena manalis</i>	SABINE: Six Mile	16-Jun-12		B/K
<i>Hypena minualis</i>	JOHNSON: Burleson	31-Jul-12		RSF
<i>Hypena palparia</i>	MORRIS: Daingerfield SP	13-Aug-12		B/K
<i>Hypena scabra</i>	Sabine: Six Mile	16-Mar-12	16-Jun-12	B/K
<i>Colobochyla interpuncta</i>	SABINE: Six Mile	16-Jun-12		B/K
<i>Colobochyla interpuncta</i>	JOHNSON: Burleson	05-Aug-12		RSF
<i>Hemeroplanis habitalis</i>	MORRIS: Daingerfield SP	13-Aug-12		B/K
<i>Glympis concors</i>	MEDINA: 3 mi. N of Devine	15-Oct-12		MH1
<i>Ommatochila mundula</i>	MORRIS: Daingerfield SP	13-Aug-12		B/K
<i>Ommatochila mundula</i>	Hidalgo: Alamo	29-Nov-12		CWB
<i>Isogona scindens</i>	JOHNSON: Burleson	22-Sep-12		RSF
<i>Isogona scindens</i>	MCLENNAN: Harris Creek	04-Dec-12		AG1
<i>Isogona tenuis</i>	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
<i>Isogona tenuis</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Isogona tenuis</i>	JOHNSON: Hamm Creek Park	17-Aug-12		RSF
<i>Scolecocampa liburna</i>	SABINE: Six Mile	28-Apr-12		B/K
<i>Scolecocampa liburna</i>	MORRIS: Daingerfield SP	11-Jun-12	13-Aug-12	B/K
<i>Scolecocampa liburna</i>	JOHNSON: Burleson	05-Aug-12		RSF
<i>Hemeroblemma mexicana</i>	STARR: Falcon Heights	07-Jun-12		BN1
US RECORD				
<i>Latebraria amphipyroides</i>	Starr: Falcon Heights	09-May-12		BN1
<i>Letis xylia</i>	Starr: Falcon Heights	18-Oct-12		BN1
<i>Thysania zenobia</i>	GREGG: Longview	19-Oct-76		CWB
<i>Ascalapha odorata</i>	GREGG: Longview	10-Nov-72	29-Jun-75	CWB
<i>Eulepidotis rectimargo</i>	TERRELL: Sanderson	20-Jul-01		LK1
<i>Anomis erosa</i>	JOHNSON: Burleson	23-Aug-12		RSF
<i>Anomis illita</i>	JOHNSON: Burleson	27-Jul-12		RSF
<i>Gonodonta bidens tenebrosa</i>	STARR: Falcon Heights	16-Nov-12		BN1
<i>Eudocima materna</i>	TRAVIS: Austin	25-Aug-12		TBL
<i>Eudocima apta</i>	GREGG: Longview	29-Sep-76		CWB
<i>Phyprosopus callitrichoides</i>	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
<i>Phyprosopus callitrichoides</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Phyprosopus callitrichoides</i>	WOOD: Jarvis CC	27-Jul-12		BBN
<i>Hypsoropha hormos</i>	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
<i>Hypsoropha hormos</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Hypsoropha monilis</i>	WOOD: Jarvis CC	16-Mar-12		BBN
<i>Hypsoropha monilis</i>	JOHNSON: Burleson	23-Mar-12		RSF
<i>Cecharismena jalapena</i>	MCLENNAN: Harris Creek	17-Sep-12	03-Dec-12	AG1
<i>Cecharismena jalapena</i>	TRAVIS: Austin	19-Sep-12		TBL
<i>Cecharismena jalapena</i>	Hidalgo: Alamo	01-Nov-12	04-Dec-12	CWB
<i>Cecharismena jalapena</i>	JOHNSON: Burleson	22-Nov-12		RSF
<i>Plusiodonta compressipalpis</i>	GREGG: Longview	04-Apr-72	22-Aug-75	CWB
<i>Plusiodonta compressipalpis</i>	RUSK: Kilgore	04-Jul-77		CWB
<i>Plusiodonta compressipalpis</i>	MORRIS: Daingerfield SP	11-Jun-12	13-Aug-12	B/K

<i>Plusiodonta compressipalpis</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Lygephila exsiccata</i>	JOHNSON: Burleson	09-Sep-12		RSF
<i>Hypocala andremona</i>	Hidalgo: Alamo	14-Sep-12	05-Dec-12	B/K
<i>Hypocala andremona</i>	MCLENNAN: Harris Creek	25-Oct-12		AG1
<i>Phoberia atomaris</i>	MCLENNAN: Harris Creek	22-Feb-12		AG1
<i>Cissusa mucronata</i>	CROSBY: White River Lake	14-Mar-12		JMC
<i>Cissusa spadix</i>	JOHNSON: Burleson	12-Mar-12		RSF
<i>Litocala sexsignata</i>	CROSBY: White River Lake	14-Mar-12		JMC
<i>Litocala sexsignata</i>	DICKENS: Dickens Springs Park	15-Mar-12		JMC
<i>Melipotis cellaris</i>	NACOGDOCHES: Nacogdoches	09-Jun-12		CWB
<i>Melipotis cellaris</i>	JOHNSON: Burleson	24-Sep-12		RSF
<i>Melipotis indomita</i>	SABINE: Six Mile	28-Apr-12		B/K
<i>Melipotis indomita</i>	MORRIS: Daingerfield SP	13-Aug-12		B/K
<i>Drasteria grandirena</i>	SABINE: Six Mile	16-Mar-12	28-Apr-12	ECK
<i>Drasteria grandirena</i>	MORRIS: Daingerfield SP	11-Jun-12		B/K
<i>Drasteria ingeniculata</i>	WOOD: nr. Quitman	27-Jul-12		BBN
<i>Drasteria pallescens</i>	DICKENS: Dickens Springs Park	15-Mar-12		JMC
<i>Drasteria pallescens</i>	JOHNSON: Hamm Creek Park	17-Aug-12		RSF
<i>Drasteria tejonica</i>	Culberson: GUMO rest area on US 62	09-Jul-12		ECK
<i>Cutina albopunctella</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Cutina albopunctella</i>	SABINE: Six Mile	16-Jun-12		B/K
<i>Cutina distincta</i>	SABINE: Six Mile	16-Jun-12		B/K
<i>Caenurgia chloropha</i>	NACOGDOCHES: Nacogdoches	09-Jun-12		B/K
<i>Caenurgia chloropha</i>	MENARD: San Saba River	22-Jul-12		CWB
<i>Caenurgia chloropha</i>	JOHNSON: Burleson	27-Jul-12		RSF
<i>Mocis cubana</i>	HIDALGO: Alamo	13-Oct-12	23-Nov-12	B/K
STATE RECORD				
<i>Mocis latipes</i>	JOHNSON: Burleson	08-Aug-12		RSF
<i>Mocis marcida</i>	JOHNSON: Burleson	26-Aug-12		RSF
<i>Celiptera frustulum</i>	MORRIS: Daingerfield SP	13-Aug-12		B/K
<i>Ptichodis vinculum</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Ptichodis immunis</i>	HIDALGO: Mission	06-Nov-12		MR2
STATE RECORD				
<i>Ptichodis immunis</i>	MEDINA: 3 mi. N of Devine	08-Nov-12		MH1
2nd state record				
<i>Argyrostroma anilis</i>	SABINE: Six Mile	28-Apr-12		B/K
<i>Argyrostroma anilis</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Metallata absumens</i>	Harris: Spring Valley	17-May-12		ECK
<i>Anticarsia gemmatalis</i>	MORRIS: Daingerfield SP	10-Jun-12		B/K
<i>Anticarsia gemmatalis</i>	JOHNSON: Burleson	13-Sep-12		RSF
<i>Epidromia rotundata</i>	MCLENNAN: Harris Creek	23-Nov-12		AG1
STATE RECORD; photo				
<i>Epidromia rotundata</i>	HARRIS: Spring Valley	19-Dec-12		CWB
1st STATE VOUCHER				
<i>Massala obvertens</i>	Hidalgo: Alamo	26-Oct-12		CWB
3rd state record				
<i>Tyrissa multilinea</i>	BRAZOS: Hopes Creek Rd.	04-Oct-12		JMC
<i>Tyrissa multilinea</i>	Hidalgo: Alamo	01-Dec-12		CWB
<i>Lesmone detrahens</i>	JOHNSON: Burleson	13-Aug-12		RSF
<i>Lesmone detrahens</i>	MORRIS: Daingerfield SP	13-Aug-12		B/K
<i>Lesmone detrahens</i>	MCLENNAN: Harris Creek	05-Oct-12		AG1
<i>Selenisa sueroides</i>	MCLENNAN: Harris Creek	02-Oct-12		AG1
<i>Coenipeta medina</i>	HIDALGO: Santa Ana NWR	01-Oct-12		CWB
2nd US RECORD				
<i>Matigramma obscurior</i>	HARRIS: Spring Valley	10-Oct-12		ECK
<i>Zale confusa</i>	MORRIS: Daingerfield SP	13-Aug-12		B/K
<i>Zale edusina</i>	CROSBY: White River Lake	14-Mar-12		JMC
<i>Zale galbanata</i>	JOHNSON: Burleson	30-Apr-12		RSF
<i>Zale galbanata</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K
<i>Zale horrida</i>	MORRIS: Daingerfield SP	11-Jun-12		B/K
<i>Zale horrida</i>	HARRISON: Caddo Lake SP	12-Jun-12		B/K

Zale lunata	WOOD: Jarvis CC	16-Mar-12		BBN
Zale lunata	Sabine: Six Mile	28-Apr-12		B/K
Zale lunata	Morris: Daingerfield SP	11-Jun-12	13-Aug-12	B/K
Zale lunata	Harrison: Caddo Lake SP	12-Jun-12		B/K
Zale lunifera	WOOD: Jarvis CC	16-Mar-12		BBN
Zale minerea	MORRIS: Daingerfield SP	11-Jun-12		B/K
Zale obliqua	HARRISON: Caddo Lake SP	12-Jun-12		B/K
Allotria elonympha	GREGG: Longview	19-Aug-73	29-Jun-75	CWB
Allotria elonympha	CHEROKEE: Blackburn Dam	23-Mar-12		JMC
Allotria elonympha	WOOD: Jarvis CC	19-May-12		BBN
Allotria elonympha	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
Allotria elonympha	HARRISON: Caddo Lake SP	12-Jun-12		B/K
Parallelia bistriaris	WOOD: Jarvis CC	16-Mar-12		BBN
Parallelia bistriaris	JEFFERSON: Beaumont	13-Apr-12	19-May-12	CWB
Parallelia bistriaris	HARRIS: Spring Valley	19-May-12		ECK
Parallelia bistriaris	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12	B/K
Spiloloma lunilinea	HARRISON: Caddo Lake SP	12-Jun-12		B/K
Catocala agrippina	GREGG: Longview	07-Jul-73		CWB
Catocala agrippina	CAMERON: Harlingen	04-Jun-12		BN1
Catocala agrippina	SABINE: Six Mile	16-Jun-12		B/K
Catocala agrippina	WILLIAMSON: San Gabriel WMA	11-Jul-12		CSX
Catocala agrippina	MCLENNAN: Harris Creek	12-Jul-12		AG1
Catocala alabamae	JOHNSON: Burluson	14-May-12		RSF
Catocala alabamae	MCLENNAN: Harris Creek	15-May-12		AG1
Catocala amatrix	GREGG: Longview	19-Jun-74		CWB
Catocala amica	GREGG: Longview	03-Jun-75		CWB
Catocala amica	RUSK: 1 Mi. South of Kilgore	14-Jun-77		CWB
Catocala amica	MCLENNAN: Harris Creek	16-May-12		AG1
Catocala amica	WOOD: Jarvis CC	19-May-12		BBN
Catocala amica	MORRIS: Daingerfield SP	10-Jun-12		B/K
Catocala amica	HARRISON: Caddo Lake SP	12-Jun-12		B/K
Catocala amica	SABINE: Six Mile	16-Jun-12		B/K
Catocala cara carissima	GREGG: Longview	28-Jun-73	08-Jun-75	CWB
Catocala clintoni	MCLENNAN: Harris Creek	11-Apr-12		AG1
Catocala coccinata	WISE: LBJ Grasslands	05-May-12		JMC
Catocala coccinata	MORRIS: Daingerfield SP	10-Jun-12		B/K
Catocala coccinata	HARRISON: Caddo Lake SP	12-Jun-12		B/K
Catocala connubialis	MCLENNAN: Harris Creek	30-Apr-12		AG1
Catocala connubialis	WISE: LBJ Grasslands	05-May-12		JMC
Catocala connubialis	WOOD: Jarvis CC	19-May-12		BBN
Catocala connubialis	MORRIS: Daingerfield SP	11-Jun-12		B/K
Catocala consors	GREGG: Longview	19-Jun-73	04-Jun-75	CWB
Catocala crataegi	SABINE: Six Mile	28-Apr-12		B/K
Catocala dejecta	GREGG: Longview	20-Jun-74	05-Jul-75	CWB
Catocala dejecta	MCLENNAN: Harris Creek	23-May-12		AG1
Catocala dejecta	MORRIS: Daingerfield SP	10-Jun-12		B/K
Catocala epione	GREGG: Longview	01-Jun-73		CWB
Catocala epione	RUSK: 1 Mi. South of Kilgore	14-Jun-77		CWB
Catocala epione	JOHNSON: Burluson	14-May-12		RSF
Catocala epione	MCLENNAN: Harris Creek	17-May-12		AG1
Catocala epione	MORRIS: Daingerfield SP	10-Jun-12		B/K
Catocala epione	UPSHUR: Diana	10-Jun-12		ECK
Catocala epione	HARRISON: Caddo Lake SP	12-Jun-12		B/K
Catocala flebilis	KAUFMAN: Becker	31-May-12		JMC
Catocala gracilis	SABINE: Six Mile	28-Apr-12		B/K
Catocala gryneus	GREGG: Longview	04-Jun-73		CWB
Catocala gryneus	HARRISON: Caddo Lake SP	12-Jun-12		B/K
Catocala ilia	GREGG: Longview	29-May-71		CWB
Catocala ilia	RUSK: 1 Mi. South of Kilgore	14-Jun-77		CWB

Catocala ilia	SABINE: Six Mile	28-Apr-12	16-Jun-12	B/K
Catocala ilia	WISE: LBJ Grasslands	05-May-12		JMC
Catocala ilia	WOOD: Jarvis CC	19-May-12		BBN
Catocala ilia	MORRIS: Daingerfield SP	10-Jun-12		B/K
Catocala ilia	HARRISON: Caddo Lake SP	12-Jun-12		B/K
Catocala ilia	SABINE: Six Mile	16-Jun-12		B/K
Catocala innubens	GREGG: Longview	04-Jul-72		CWB
Catocala insolabilis	KAUFMAN: Becker	02-Jun-12		JMC
Catocala insolabilis	Dallas: Glenn Heights	02-Jun-12		DXC
Catocala insolabilis	MORRIS: Daingerfield SP	11-Jun-12		B/K
Catocala judith	KAUFMAN: Becker	08-Jun-12		JMC
STATE RECORD				
Catocala lacrymosa	GREGG: Longview	28-Jun-73		CWB
Catocala lacrymosa	JOHNSON: Burleson	25-Sep-12		RSF
Catocala lineella	WISE: LBJ Grasslands	05-May-12		JMC
Catocala lineella	MCLENNAN: Harris Creek	27-May-12		AG1
Catocala lineella	MORRIS: Daingerfield SP	10-Jun-12		B/K
Catocala lineella	HARRISON: Caddo Lake SP	12-Jun-12		B/K
Catocala maestosa	GREGG: Longview	30-Jun-75		CWB
Catocala maestosa	MCLENNAN: Harris Creek	28-May-12		AG1
Catocala messalina	HENDERSON: Athens	03-Jun-75		CWB
Catocala micronympha	GREGG: Longview	17-Jun-72		CWB
Catocala micronympha	JEFFERSON: Beaumont	12-Apr-12		CWB
Catocala micronympha	SABINE: Six Mile	28-Apr-12		B/K
Catocala micronympha	WISE: LBJ Grasslands	05-May-12		JMC
Catocala micronympha	MCLENNAN: Harris Creek	08-May-12		AG1
Catocala micronympha	MORRIS: Daingerfield SP	10-Jun-12		B/K
Catocala minuta	JOHNSON: Burleson	01-May-12		RSF
Catocala minuta	WISE: LBJ Grasslands	05-May-12		JMC
Catocala mira	HENDERSON: Athens	02-Jun-75		CWB
Catocala mira	KAUFMAN: Becker	17-May-12		JMC
Catocala muliercula	GREGG: Longview	16-Jun-73		CWB
Catocala muliercula	JEFFERSON: Beaumont	25-Apr-12		CWB
Catocala muliercula	MCLENNAN: Harris Creek	23-May-12		AG1
Catocala muliercula	MORRIS: Daingerfield SP	10-Jun-12		B/K
Catocala muliercula	WOOD: Jarvis CC	27-Jul-12		BBN
Catocala nebulosa	DALLAS: Rowlett Cr.	05-Jun-12		JMC
Catocala neogama	GREGG: Longview	21-Jun-74		CWB
Catocala neogama	Dallas: Rowlett Cr.	17-Jun-12		JMC
Catocala neogama	MCLENNAN: Harris Creek	13-Jul-12		AG1
Catocala palaeogama	GREGG: Longview	23-Jun-74		CWB
Catocala piatrix	GREGG: Longview	04-Jul-73		CWB
Catocala piatrix	MORRIS: Daingerfield SP	10-Jun-12		B/K
Catocala pretiosa	MORRIS: Daingerfield SP	10-Jun-12		B/K
Catocala pretiosa texarkana	JOHNSON: Burleson	19-Apr-12		RSF
Catocala sappho	Dallas: Rowlett Cr.	10-Jul-12		JMC
Catocala similis	WISE: LBJ Grasslands	05-May-12		JMC
Catocala similis	MCLENNAN: Harris Creek	09-May-12		AG1
Catocala ulalume	KAUFMAN: Becker	03-Jun-12		JMC
Catocala ulalume	HARRISON: Caddo Lake SP	12-Jun-12		JMC
Catocala ulalume	SABINE: Six Mile	15-Jun-12		CWB
Catocala ulalume	MORRIS: Daingerfield SP	13-Aug-12		CWB
Catocala ultronia	GREGG: Longview	12-Jun-74		CWB
Catocala ultronia	MCLENNAN: Harris Creek	02-May-12		AG1
Catocala ultronia	WOOD: Jarvis CC	19-May-12		BBN
Catocala ultronia	MORRIS: Daingerfield SP	10-Jun-12		B/K
Catocala ultronia	HARRISON: Caddo Lake SP	12-Jun-12		B/K
Catocala umbrosa	HENDERSON: Athens	30-Apr-12		JMC
Catocala umbrosa	WISE: LBJ Grasslands	05-May-12		JMC

Catocala vidua	GREGG: Longview	06-Jul-75	CWB
Catocala vidua	MCLENNAN: Harris Creek	28-May-12	AG1
EUTELIIDAE			
Marathyssa inficita	JOHNSON: Burleson	18-Aug-12	RSF
Paectes abrostoloides	JOHNSON: Burleson	14-May-12	RSF
Paectes abrostoloides	MORRIS: Daingerfield SP	10-Jun-12	13-Aug-12 B/K
Paectes abrostoloides	HARRISON: Caddo Lake SP	12-Jun-12	B/K
Paectes abrostoloides	JOHNSON: Hamm Creek Park	17-Aug-12	RSF
Paectes pygmaea	MORRIS: Daingerfield SP	10-Jun-12	B/K
NOLIDAE			
Nola cereella	MORRIS: Daingerfield SP	11-Jun-12	CWB
Baileya australis	MORRIS: Daingerfield SP	10-Jun-12	B/K
Baileya australis	JOHNSON: Hamm Creek Park	18-Aug-12	RSF

Zone 7 Ontario/Quebec Ontario, Quebec

Coordinator: Jeffrey P. Crolla

Contributors Cited:

R-A : Ron Allensen	DB : David Bree	JC : Jeffrey P. Crolla
PWH : Peter Hall	KEJ : Kyle E. Johnson	L-M : Leslie McClair
WO : Bill Oehlke	AW : Alan Wormington	R-Y : Robert Yukich

General Comments:

It was a phenomenal year for southern immigrants. After one of the mildest winters on record, an early spring with protracted periods of southern winds brought immigrant species to southern Ontario unusually early in the season, and for many species in unprecedented numbers. Massive influxes of *Vanessa atalanta* this spring, particularly in mid-April and early May, were noticed even by laypersons, and reported on by the news media. The influx in early May was accompanied by large numbers of many other migrant species, including provincial rarities like *Nathalis iole*, and notably a wave of large, fresh *Nymphalis antiopa* that were clearly southern immigrants, not local breeders.

Rare migrants continued to penetrate northward through the season (ie. *Atalopedes campestris* in numbers in Toronto by August, *Parrhasius m-album* at Kingston, *Urbanus proteus* in Hamilton and Toronto, *Panoquina ocola* in Toronto, *Pyrgus communis* at Presqu'île Prov. Pk., and *Hylephila phyleus* in numbers in Ottawa). *Nathalis iole* and *Atalopedes campestris* bred locally this season, with a large colony of *N. iole* reported in Norfolk Co.

Many resident species emerged earlier than usual, though drought in some areas affected numbers later in the season. The short, mild winter was also exemplified by a 'winter form' *Polygonia interrogationis* found by Alan Wormington & Brandon Holden in mid-March at Point Pelee Nat. Pk. (a full month before the first of the immigrant brood arrived) that may have successfully overwintered locally.

Erynnis baptisiae continues to expand in eastern Ontario, being reported from Presqu'île Provincial Park and Ottawa. *Papilio crespontes* was also observed in numbers in the Ottawa area this year, where it was previously known only from a single stray. Kyle Johnson of Wisconsin collected the first Ontario specimens of *Lasionycta taigata* in Thunder Bay District in June.

ONTARIO

Butterflies

HESPERIIDAE

<i>Urbanus proteus</i>	HAMILTON-WENTWORTH: Hamilton, Princess Point	01-Sep-12	JC
3rd record for Canada; seen & photographed by Paul Tavares; det. by Ross Layberry; nectaring on <i>Solidago</i>			
<i>Urbanus proteus</i>	METROPOLITAN TORONTO: High Park	04-Oct-12	R-Y
4th record for Canada; photo, nectaring on <i>Buddleia</i> ; northern range extension			
<i>Erynnis baptisiae</i>	Metropolitan Toronto: Toronto, Eglinton Flats	16-Apr-12	R-Y
record EARLY for Toronto, 2 seen & photographed			
<i>Erynnis baptisiae</i>	NORTHUMBERLAND: Sandbanks PP, amphitheatre	18-Jul-12	DB
First Park record			
<i>Erynnis baptisiae</i>	Prince Edward: Bethesada Rd.	18-Jul-12	DB
dead on road; found by Joanne Dewey			
<i>Erynnis baptisiae</i>	Northumberland: Presqu'île PP	19-Jul-12	01-Sep-12 DB
First Park record; 2nd date by C. Wegenschimmel			
<i>Erynnis baptisiae</i>	Prince Edward: Point Petre	21-Aug-12	DB
5 seen by Joanne Dewey & D. Edwards			
<i>Erynnis baptisiae</i>	Elgin: 1 mi E Port Burwell, Monarch Landing Nursery	02-Sep-12	R-A
<i>Erynnis baptisiae</i>	Ottawa: Central Experimental Farm gardens	06-Sep-12	PWH
<i>Erynnis baptisiae</i>	Ottawa: Parkhaven Rd.	09-Sep-12	PWH

<i>Erynnis baptisiae</i> by Bruce Ripley	Prince Edward: Prince Edward Point, lighthouse	17-Sep-12		DB
<i>Erynnis baptisiae</i> by Ian Shanahan	Northumberland: Brighton	27-Sep-12		DB
<i>Erynnis funeralis</i> seen & photographed by Brenda Van Ryswyk; nectaring on <i>Lythrum salicaria</i>	Halton: Burlington	15-Aug-12		JC
<i>Erynnis horatius</i>	Essex: Point Pelee NP, West Beach S of Visitors Centre	22-Jun-12	25-Aug-12	R-Y
<i>Erynnis horatius</i>	Essex: Point Pelee NP, Tip parking lot	15-Sep-12		R-Y
<i>Erynnis martialis</i>	Hastings: 2 km S of Marmora	19-May-12		PWH
<i>Pyrgus communis</i>	ELGIN: 1 mi E Port Burwell, Monarch Landing Nursery	30-Aug-12	01-Oct-12	R-A
<i>Pyrgus communis</i> First Park record; one on 15-Sep, 11 on 16-Sep, photo; by Ian Shanahan, M. Parker, T. Bigg et al.	NORTHUMBERLAND: Presqu'île PP, Gull Island	15-Sep-12	16-Sep-12	DB
<i>Hylephila phyleus</i> several dates, mostly singletons but 10 on 28-Sep; by David Gilmour, Bill Gilmour et al.; photo	Northumberland: Presqu'île PP	22-Jul-12	28-Sep-12	DB
<i>Hylephila phyleus</i> in garden; nectaring on buddleia	Metropolitan Toronto: Toronto, Lincoln Ave.	15-Aug-12		R-Y
<i>Hylephila phyleus</i>	Ottawa: Central Experimental Farm gardens	16-Aug-12	05-Oct-12	PWH
<i>Hylephila phyleus</i> in garden; nectaring on lantana & buddleia	Metropolitan Toronto: Toronto, Jones Ave.	20-Aug-12	21-Aug-12	JC
<i>Hylephila phyleus</i> ca. 200 seen, most nectaring on <i>Lythrum salicaria</i>	Essex: Leamington, Seneca Dr.	26-Aug-12		R-Y
<i>Hylephila phyleus</i> 108 seen	Metropolitan Toronto: Toronto, James Gardens	05-Sep-12		R-Y
<i>Hylephila phyleus</i> seen & photographed by Bruce Ripley	FRONTENAC: Kingston	09-Sep-12	17-Sep-12	JC
<i>Hylephila phyleus</i> seen & photographed by Bruce Ripley & J. Poland	PRINCE EDWARD: Prince Edward Point, lighthouse	13-Sep-12		DB
<i>Atalopedes campestris</i> photo; record EARLY for Ontario	WELLINGTON: Arthur, sewage lagoons	30-May-12		AW
<i>Atalopedes campestris</i> & Mike King; also 06-Aug; 1 or 2 each date, photos	Essex: Leamington, Seacliff Dr.	30-Jul-12	25-Aug-12	R-Y
<i>Atalopedes campestris</i> 10+ in total, seen at various locations incl. Cooper Rd., Mill Point, West Dock; photos	Essex: Pelee Island	04-Aug-12	05-Aug-12	R-Y
<i>Atalopedes campestris</i> 20+ total over 6 dates; photos; incl. pair in-copula on 19-Aug	Metropolitan Toronto: Toronto, James Gardens	13-Aug-12	11-Sep-12	R-Y
<i>Atalopedes campestris</i> 21 total over 4 dates at Centre Island; 1 or 2 at Hanlans Pt. on 16-Aug; photos	Metropolitan Toronto: Toronto Islands	16-Aug-12	12-Sep-12	R-Y
<i>Atalopedes campestris</i> photo	Metropolitan Toronto: Toronto, James Gardens	19-Aug-12		PWH
<i>Atalopedes campestris</i> photo	Metropolitan Toronto: High Park	21-Aug-12		R-Y
<i>Atalopedes campestris</i> photo	Essex: Point Pelee NP, Visitors Centre parking lot	25-Aug-12		R-Y
<i>Atalopedes campestris</i> 14 seen, incl. pair in-copula	Essex: Leamington, Seneca Dr.	26-Aug-12		R-Y
<i>Atalopedes campestris</i>	Metropolitan Toronto: Toronto, Lambton Woods	05-Sep-12		R-Y
<i>Atalopedes campestris</i> in flowerbeds; photo	Metropolitan Toronto: Toronto, CNE grounds	12-Sep-12		R-Y
<i>Poanes viator</i> & Glenn Richardson; photo; in flowerbeds nectaring on zinnia	Metropolitan Toronto: Toronto, James Gardens	10-Jul-12		R-Y
<i>Euphyes bimacula</i> 4 seen	Nipissing: Algonquin PP, Hwy. 60	01-Jul-12		PWH
<i>Euphyes conspicua</i> new location; has recently colonized northern Durham Region	Durham: Blackwater, old railway bed S of	08-Jul-12		R-Y
<i>Euphyes dion</i>	Metropolitan Toronto: Rouge Park, nr. river mouth	01-Jul-12		R-Y
<i>Euphyes vestris</i> EARLY	Essex: Windsor, Spring Garden Prairie	04-Jun-12		R-Y
<i>Panoquina ocola</i> same individual on both days; photo, nectaring on <i>Sedum</i> ; New to Toronto & northern range extension	METROPOLITAN TORONTO: High Park	23-Sep-12	24-Sep-12	R-Y
PAPILIONIDAE				
<i>Eurytides marcellus</i> seen & photographed by Blake A. Mann	Essex: Point Pelee NP, Sparrow Field	10-Jun-12		JC
<i>Battus philenor</i> 4 ovipositing on 28-May is earliest recorded at site; 19-June first hatch of 300 larvae; 3rd brood in Oct.	Elgin: 1 mi E Port Burwell, Monarch Landing Nursery	28-May-12	04-Oct-12	R-A
<i>Battus philenor</i> record EARLY for Toronto; 19 eggs found on 5-Jun on <i>A. tomentosa</i> in garden; 8 reared to adults and released on 10-Jul	Metropolitan Toronto: Toronto, Lincoln Ave.	29-May-12	05-Jun-12	R-Y

Battus philenor by Joanne Dewey	Prince Edward: Elmbrook Rd.	04-Jun-12		DB
Battus philenor June record by Dave Cutler; Aug record by Bill Gilmour	Northumberland: Presqu'île PP	10-Jun-12	07-Aug-12	DB
Battus philenor several dates; ovipositing on ornamental pipevine in garden on 17-Jun	Metropolitan Toronto: Toronto, Jones Ave.	17-Jun-12	18-Aug-12	JC
Battus philenor	Metropolitan Toronto: Toronto, James Gardens	18-Jul-12		R-Y
Battus philenor ovipositing on ornamental pipevines on both dates	Metropolitan Toronto: Toronto, Centre Island	20-Jul-12	16-Aug-12	R-Y
Battus philenor small numbers incl. several dates in Aug	Metropolitan Toronto: High Park	25-Jul-12	13-Sep-12	R-Y
Battus philenor & Mike King, 2 seen	Lambton: McCallum Line	29-Jul-12		R-Y
Battus philenor by Ian Shanahan, in garden	Northumberland: Brighton	06-Aug-12		DB
Papilio crespontes	Oxford: Otterville	10-May-12		R-A
Papilio crespontes in numbers this year in Ottawa area	Ottawa: Ottawa area	19-May-12		PWH
Papilio crespontes first observations of the year here; on 23-May emergence of a monitored outdoor wild chrysalis was noted	Elgin: 1 mi E Port Burwell, Monarch Landing Nursery	22-May-12	23-May-12	R-A
Papilio crespontes several dates	Hastings: 10 km N of Madoc	24-May-12	12-Sep-12	L-M
Papilio crespontes also larvae feeding on small patch of prickly ash (46 on 17-Aug) & predation by <i>Tamias striatus</i> observed (B. Gilmour)	Northumberland: Presqu'île PP	08-Jun-12	15-Aug-12	DB
Papilio crespontes	Metropolitan Toronto: Toronto, James Gardens	16-Jul-12		R-Y
Papilio crespontes	Metropolitan Toronto: High Park	16-Jul-12	13-Aug-12	R-Y
Papilio crespontes in garden; nectaring on buddleia	Metropolitan Toronto: Toronto, Lincoln Ave.	18-Jul-12		R-Y
Papilio crespontes in garden; nectaring on lantana	Metropolitan Toronto: Toronto, Jones Ave.	01-Aug-12		JC
Papilio polyxenes asterius record EARLY for Toronto	Metropolitan Toronto: Toronto, Eglinton Flats	16-Apr-12		R-Y
Papilio troilus small numbers	Metropolitan Toronto: High Park	18-Jul-12	21-Aug-12	R-Y
PIERIDAE				
Pieris rapae EARLY	Elgin: 1 mi E Port Burwell, Monarch Landing Nursery	20-Mar-12		R-A
Pieris rapae EARLY	Metropolitan Toronto: Etienne Brule Park	20-Mar-12		R-Y
Pieris virginiensis EARLY; 6 seen & photographed	Halton: Twiss Rd. escarpment woods	13-Apr-12		R-Y
Phoebis sennae fresh male, nectaring briefly on <i>Gomphrena globosa</i>	Metropolitan Toronto: Toronto Islands, Centre Island	31-Aug-12		R-Y
Pyrisitia lisa also Henrietta T. O'Neill; 51 seen; record EARLY for Ontario	Essex: Point Pelee NP	03-May-12		AW
Pyrisitia lisa record EARLY for Toronto by 40 days	Metropolitan Toronto: High Park	04-May-12		R-Y
Pyrisitia lisa	Elgin: 1 mi E Port Burwell, Monarch Landing Nursery	31-May-12		R-A
Abaeis nicippe photo	Essex: Point Pelee NP, West Beach	12-May-12		R-Y
Nathalis iole one seen	Essex: Sturgeon Creek	03-May-12		AW
Nathalis iole also Henrietta T. O'Neill; 2 seen, photo; EARLY	Essex: Point Pelee NP	03-May-12		AW
Nathalis iole 32 seen on 6-Aug	Essex: Hillman Marsh	10-May-12	06-Aug-12	R-Y
Nathalis iole 13 seen on 15-Sep	Essex: Point Pelee NP, West Beach S of Visitors Centre	11-May-12	15-Sep-12	R-Y
Nathalis iole 2 seen by Paul Carter on Centre Dyke Rd.	Essex: Pelee Island, SW quadrant	04-Aug-12		R-Y
Nathalis iole	Essex: Leamington, Seacliff Dr.	06-Aug-12	16-Sep-12	R-Y
Nathalis iole 7 seen	Essex: Hillman Marsh	20-Aug-12		PWH
Nathalis iole large colony, 434 seen in old fields dominated by horseweed	Norfolk: Walsingham, Reg. Rd. 60	17-Sep-12		R-Y
Nathalis iole	ELGIN: 1 mi E Port Burwell, Monarch Landing Nursery	01-Oct-12		R-A

LYCAENIDAE

<i>Calophrys gryneus</i>	Prince Edward: Little Bluff CA	11-May-12		PWH
<i>Calophrys niphon clarki</i> First Park record; by K. Anderson, photo	Northumberland: Presqu'île PP, pannes trail	06-May-12		DB
<i>Strymon melinus</i> ovipositing on wild lupine flower buds on 24-May	Metropolitan Toronto: High Park	24-May-12	23-Aug-12	R-Y
<i>Strymon melinus</i> ovipositing on <i>Lotus corniculatus</i>	Metropolitan Toronto: Leslie Street Spit	22-Jul-12		R-Y
<i>Strymon melinus</i>	Metropolitan Toronto: Toronto Islands, Hanlans Point	16-Aug-12		R-Y
<i>Strymon melinus</i>	Hastings: 10 km N of Madoc	30-Aug-12		L-M
<i>Strymon melinus</i> two individuals; by Bruce Ripley & John Poland	Prince Edward: Prince Edward Point, lighthouse	13-Sep-12	17-Sep-12	DB
<i>Strymon melinus</i> two seen	Elgin: 1 mi E Port Burwell, Monarch Landing Nursery	14-Sep-12		R-A
<i>Strymon melinus</i> 47 seen	Essex: Point Pelee NP, West Beach S of Visitors Centre	15-Sep-12		R-Y
<i>Strymon melinus</i> by M. Parker	Northumberland: Presqu'île PP, Gull Island	16-Sep-12		DB
<i>Parrhasius m-album</i> also 25-Aug & 26-Aug; photos	Essex: Point Pelee NP, Sparrow Field	24-Jun-12	15-Sep-12	R-Y
<i>Parrhasius m-album</i>	Essex: Point Pelee NP	08-Aug-12		PWH
<i>Parrhasius m-album</i> two individuals; seen & photographed by Bruce Ripley & John Poland; northern range extension	PRINCE EDWARD: Prince Edward Point	16-Aug-12	25-Aug-12	DB
<i>Parrhasius m-album</i> seen & photographed by Blake A. Mann; nectaring on <i>Daucus carota</i> & <i>Solidago</i>	CHATHAM-KENT: Erieau, McGeachy Pond dike	17-Aug-12	25-Aug-12	JC
<i>Parrhasius m-album</i>	ELGIN: 1 mi E Port Burwell, Monarch Landing Nursery	16-Sep-12		R-A
<i>Cupido comyntas</i> record EARLY for Toronto	Metropolitan Toronto: Toronto, Eglinton Flats	16-Apr-12		R-Y
NYMPHALIDAE				
<i>Libytheana carinenta</i> by Park staff	Northumberland: Presqu'île PP	14-Jun-12	04-Jul-12	DB
<i>Libytheana carinenta</i> by Joe Bartok	Hastings: Tweed	27-Jun-12	30-Jun-12	DB
<i>Libytheana carinenta</i> 54 seen on 29-Jun	Metropolitan Toronto: Toronto Islands	29-Jun-12	20-Jul-12	R-Y
<i>Danaus plexippus</i> one of the earliest dates ever at this location	Elgin: 1 mi E Port Burwell, Monarch Landing Nursery	01-May-12		R-A
<i>Danaus plexippus</i> 12 seen, EARLY	Metropolitan Toronto: High Park	04-May-12		R-Y
<i>Danaus plexippus</i> fall migration numbers well below average; high counts of 1200 on 19-Sep & 3500 on 21-Sep	Elgin: 1 mi E Port Burwell, Monarch Landing Nursery	19-Sep-12	21-Sep-12	R-A
<i>Lethe anthedon</i> Fish Point & Stone Rd.; one previous 2006 record from Island	Essex: Pelee Island	04-Aug-12	05-Aug-12	R-Y
<i>Euptoieta claudia</i> also Henrietta T. O'Neill; 156 seen, EARLY and record-high count for Park	Essex: Point Pelee NP	03-May-12		AW
<i>Euptoieta claudia</i> record EARLY for Toronto by 33 days	Metropolitan Toronto: High Park	04-May-12		R-Y
<i>Euptoieta claudia</i> First Park record; 1st date Bill Gilmour, 2nd date M. Burrell et al; also 04-Jul by Park staff on annual butterfly count	Northumberland: Presqu'île PP	22-Jun-12	16-Sep-12	DB
<i>Euptoieta claudia</i> 3 seen & photographed moving N along the beach on 29-Jun; 1 tattered on 12-Jul	Metropolitan Toronto: Toronto Islands, Hanlans Point	29-Jun-12	12-Jul-12	R-Y
<i>Euptoieta claudia</i>	Metropolitan Toronto: Toronto, James Gardens	05-Jul-12	16-Jul-12	R-Y
<i>Euptoieta claudia</i> 10 seen on each date	Essex: Leamington, Seacliff Dr.	25-Aug-12	16-Sep-12	R-Y
<i>Euptoieta claudia</i> two seen	Elgin: 1 mi E Port Burwell, Monarch Landing Nursery	29-Aug-12		R-A
<i>Euptoieta claudia</i> 7 seen	Norfolk: Walsingham, Reg. Rd. 60	17-Sep-12		R-Y
<i>Euptoieta claudia</i>	Metropolitan Toronto: Toronto, Lambton Prairie	28-Sep-12		R-Y
<i>Asterocampa clyton</i> 3 fresh seen & photographed, all on purple coneflower	Metropolitan Toronto: Toronto, Centre Island	20-Jul-12		R-Y
<i>Vanessa atalanta rubria</i> also Henrietta T. O'Neill; one worn seen, EARLY immigrant	Essex: Point Pelee NP	22-Mar-12		AW
<i>Vanessa virginiensis</i> also Bob Cermak; record EARLY for Ontario	Essex: Point Pelee NP	14-Mar-12		AW
<i>Nymphalis antiopa</i> EARLY	Ottawa: Marlborough Forest	21-Mar-12		PWH

Nymphalis antiopa also Henrietta T. O'Neill; 67 on 3-May is record-high count for Park; fresh immigrants from south, not local breeders	Essex: Point Pelee NP	02-May-12	03-May-12	AW
Nymphalis antiopa large fresh immigrant nectaring on white rock cress in garden with other migrants (P.interrogationis, V.atalanta)	Metropolitan Toronto: Toronto, Jones Ave.	03-May-12		JC
Nymphalis antiopa 18 seen, photos; very fresh, large migrants	Metropolitan Toronto: High Park	04-May-12		R-Y
Nymphalis l-album EARLY	Ottawa: Marlborough Forest	21-Mar-12		PWH
Polygonia comma EARLY	Ottawa: Ottawa	18-Mar-12		PWH
Polygonia faunus EARLY	Ottawa: Marlborough Forest	20-Mar-12		PWH
Polygonia interrogationis photo; also 17-Mar by Brandon Holden; record EARLY for Ontario; winter form!, overwintered locally?	Essex: Point Pelee NP	14-Mar-12	20-Mar-12	AW
Polygonia interrogationis 40 seen, all summer form; record EARLY for immigrant brood in Ontario	Essex: Sturgeon Creek	15-Apr-12		AW
Polygonia interrogationis 13 seen, all summer form; record EARLY for immigrant brood in Ontario	Essex: Point Pelee NP	15-Apr-12		AW
Polygonia interrogationis record EARLY for Toronto; 33 seen/photographed on 20-Apr	Metropolitan Toronto: High Park	16-Apr-12	20-Apr-12	R-Y
Polygonia interrogationis record EARLY for Toronto; nectaring on white rock cress in garden, photo; ovipositing on Ulmus pumila on 22-Jun	Metropolitan Toronto: Toronto, Jones Ave.	16-Apr-12	22-Jun-12	JC
Polygonia interrogationis EARLY	Ottawa: Ottawa area	16-Apr-12		PWH
Polygonia interrogationis 3 photographed, record EARLY for Toronto	Metropolitan Toronto: Toronto, Eglinton Flats	16-Apr-12		R-Y
Polygonia interrogationis also Henrietta T. O'Neill; 700 seen, record-high count for Park	Essex: Point Pelee NP	03-May-12		AW
Polygonia progne EARLY	Ottawa: The Burnt Lands	22-Mar-12		PWH
Junonia coenia one worn seen by Brandon Holden & Matt Ross, photo; in spruce bog	Algoma: Montreal River Harbour	11-Jun-12		JC
Junonia coenia	Thunder Bay: Stetham Lake area	16-Jun-12		KEJ
Junonia coenia several dates	Hastings: 10 km N of Madoc	21-Jun-12	25-Oct-12	L-M
Junonia coenia ca. 325 seen; ca. 250 at Seacliff Dr., Leamington, on 16-Sep	Essex: Leamington, Seneca Dr.	26-Aug-12		R-Y
Phyciodes batesii 10 seen	Ottawa: Kanata	29-May-12		PWH

Moths

HEPIALIDAE

Sthenopsis purpurascens photos	Thunder Bay: White Lake PP	12-Jul-12		DB
Korscheltellus gracilis photo	Sudbury: Chapleau	10-Jul-12		DB

CRAMBIDAE

Spoladea recurvalis	NORTHUMBERLAND: Presqu'île PP	25-Oct-12		DB
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GEOMETRIDAE

Orthonama obstipata photo	Sudbury: Chapleau	10-Jul-12		DB
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SPHINGIDAE

Pachysphinx modesta photo	Thunder Bay: White Lake PP	12-Jul-12		DB
Eumorpha pandorus by Nancy Sandeman; photo	HALTON: Burlington	24-Jul-12		WO
Hyles lineata YouTube video at http://www.youtube.com/watch?v=ofiV4x9EFqo ; nectaring at dandelions in garden	Kenora: Dryden	26-May-12		JC
Hyles lineata by Melody Kiss; photo; nectaring in garden	Kenora: Ignace	02-Jun-12		JC
Hyles lineata by Alan Ginn; photo; nectaring at dandelion	Thunder Bay: Kaministiquia	04-Jun-12		JC
Hyles lineata by Tammy Palmer; photo	Essex: Windsor	23-Jul-12		WO
Hyles lineata by Brenda Chlamers-Ivy; photo; date reported as "August 2012"	Kenora: Lake of the Woods, Kenora	01-Aug-12		WO

NOCTUIDAE

Psaphida electilis EARLY	Leeds-Grenville: Delta	08-Apr-12	JC
Schinia florida photo	Algoma: Goulais R. falls ca. 9km upriver from Searchmount	08-Jul-12	DB
Polia propodea UV trap; common	Thunder Bay: Whitefish Lake	15-Jun-12	KEJ
Melanchra pulverulenta	Thunder Bay: Whitefish Lake	15-Jun-12	KEJ
Papestra cristifera	Thunder Bay: Whitefish Lake	15-Jun-12	KEJ
Lasionycta taigata NEW TO ONTARIO; UV trap; common	THUNDER BAY: Whitefish Lake	15-Jun-12	KEJ
Hemipachnobia monochromatea	Thunder Bay: Whitefish Lake	15-Jun-12	KEJ
EREBIDAE			
Platarctia parthenos photo	Sudbury: Chapleau	10-Jul-12	DB
Palthis asopialis found dead indoors, photo	PRINCE EDWARD: Carrying Place	27-Aug-12	DB
Ascalapha odorata found dead on rd. by visitor to Park; det. by park naturalist David Gilmour	Northumberland: Presqu'île PP	29-Aug-12	DB
Phoberia atomaris EARLY	Leeds-Grenville: Delta	08-Apr-12	JC
Melipotis jucunda photo; flushed in daytime, exposed limestone flats that extend out into L. Ontario	HALDIMAND: Rock Point PP	19-May-12	AW
Catocala briseis flying inland in late afternoon, possibly flushed off tidal flat by incoming tide	Cochrane: Moosonee	19-Oct-12	AW

QUEBEC

Butterflies

NYMPHALIDAE

Polygonia satyrus	Outaouais: St-Louis-de-Masham	13-Jun-12	PWH
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Zone 8 Midwest

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

Coordinator: Leslie A. Ferge

Contributors Cited:

DRB : Dwayne R. Badgero
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GJB : George J. Balogh
 JAE : James E. Ebner
 GWG : Gerald W. Goth
 TJ : Thomas A. Jantscher
 RK : Robert Kriegel
 MM : Megan McCarty
 JFR : Joan F. Rickert
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SCB : Steven C. Bransky
 CBF : Carol B. Ferge
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 ASB : Allison Snopek-Barta
 WTJ : William H. Taft, Jr.

General Comments:

Reports of general conditions were received from Iowa, Minnesota, Michigan and Wisconsin. A mild winter and hot conditions in March produced an extremely early Lepidoptera season, with many species appearing on record early dates. After a cool April, record high temperatures returned and persisted for most of the summer, along with severe drought conditions in most parts of the region. The 2012 season rivaled 2010 for the occurrence of immigrant and stray species. A number of immigrant butterfly species appeared on record early dates in mid to late May, and were found in numbers far northward of their usual previous occurrences. *Hylephila phyleus* was found on record early dates. *Atalopedes campestris* had a record year, found further northward and in higher than usual numbers. *Battus philenor* and *Eurytides marcellus* were reported from Wisconsin, and *Papilio cresphontes* strayed into north-central Minnesota. *Pyrisitia lisa*, *Nathalis iole*, *Strymon melinus*, *Euptoieta claudia* and *Junonia coenia* spread throughout the region and occurred in above-average numbers. A large influx of *Polygonia interrogationis* occurred in Michigan beginning in early May. *Vanessa cardui*, *atalanta* and *virginiensis* were abundant in a few areas in spring, but were reported in generally low numbers elsewhere. The arrival of *Danaus plexippus* in the north was the earliest on record. Immigrant and stray moth species also extended well northward, with a number of species arriving up to a month earlier than previously recorded. *Pseudaletia unipuncta* and *Peridroma saucia* arrived in southern Wisconsin on 12 March, a full month earlier than previous records and lasted until early December. *Megalographa biloba* and *Spodoptera exigua* had major influxes into Wisconsin. *Ascalapha odorata* was found in northwestern Ohio. A number of unusual stray Noctuid species were found northward in late October.

ILLINOIS

Butterflies

HESPERIIDAE

<i>Erynnis baptisiae</i>	Johnson:	19-May-12	MLL
<i>Erynnis brizo</i>	Iroquois: 4 miles NE of Beaverville	14-Apr-12	MLL
<i>Erynnis horatius</i>	Jackson: Oakwood Bottoms Greentree Reservoir	19-May-12	26-May-12 MLL
<i>Erynnis juvenalis</i>	Union: 4 miles NW of Ware	24-Mar-12	MLL
<i>Erynnis martialis</i>	Iroquois: 4 miles NE of Beaverville	14-Apr-12	MLL
<i>Amblyscirtes vialis</i>	Iroquois: 4 miles NE of Beaverville	21-Apr-12	MLL
<i>Hylephila phyleus</i>	Jackson: Oakwood Bottoms Greentree Reservoir	19-May-12	26-May-12 MLL
<i>Hylephila phyleus</i>	Cook : Evanston	13-Aug-12	SJP
<i>Hesperia sassacus</i>	Iroquois: 4 miles NE of Beaverville	12-May-12	MLL
<i>Atalopedes campestris</i>	Jo Daviess: 1 mile N of Blackhawk	02-Jun-12	MLL
<i>Wallengrenia egeremet</i>	Williamson: Crab Orchard National Wildlife Refuge	19-May-12	MLL
<i>Pompeius verna</i>	Jo Daviess: 1 mile N of Blackhawk	02-Jun-12	MLL
<i>Euphyes dion</i>	Union: 1 mile S of Ware	18-May-12	MLL
<i>Euphyes dion</i>	Jackson: Oakwood Bottoms Greentree Reservoir	19-May-12	MLL
<i>Euphyes dukesi</i> restored wetlands	JACKSON: Oakwood Bottoms Greentree Reservoir	19-May-12	26-May-12 MLL

PAPILIONIDAE

<i>Papilio glaucus</i>	Cook : Evanston	19-May-12	SJP
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PIERIDAE

<i>Anthocharis midea</i>	Union: 4 miles NW of Ware	24-Mar-12	MLL
<i>Colias philodice</i>	Cook : Evanston	23-Apr-12	SJP
<i>Zerene cesonia</i>	Iroquois: 4 miles NE of Beaverville	17-May-12	MLL

LYCAENIDAE

<i>Lycaena hyllus</i>	Jackson: Oakwood Bottoms Greentree Reservoir	19-May-12	MLL
<i>Lycaena phlaeas</i>	Iroquois: 4 miles NE of Beaverville	17-May-12	MLL
<i>Strymon melinus</i>	Iroquois: 4 miles NE of Beaverville	07-Apr-12	MLL
<i>Strymon melinus</i>	Jackson: Oakwood Bottoms Greentree Reservoir	19-May-12	26-May-12 MLL

NYMPHALIDAE

<i>Anaea andria</i>	Union: 4 miles NW of Ware	19-May-12	MLL
<i>Lethe creola</i>	Union: 4 miles NW of Ware	19-May-12	MLL
<i>Euptoieta claudia</i>	Dyer:	25-May-12	MLL
<i>Vanessa atalanta</i>	Cook : Skokie & Evanston	19-Apr-12	19-May-12 SJP
<i>Nymphalis antiopa</i>	Cook : Evanston	24-Oct-12	SJP
<i>Polygonia interrogationis</i>	Cook : Evanston	18-May-12	SJP
<i>Polygonia interrogationis</i>	Alexander: Horseshoe Lake NWR	26-May-12	MLL
<i>Junonia coenia</i>	Alexander: Horseshoe Lake NWR	26-May-12	MLL
<i>Chlosyne nycteis</i>	Iroquois: 4 miles NE of Beaverville	17-May-12	MLL
<i>Chlosyne nycteis</i>	Carroll: 3 miles E of Arnold	02-Jun-12	MLL

Moths

CRAMBIDAE

<i>Nomophila nearctica</i>	Cook : Evanston	18-May-12	SJP
<i>Sitochroa palealis</i> at porch light & nectaring on Sedum	Cook : Evanston	02-Jul-12	22-Jul-12 SJP

NOCTUIDAE

<i>Anagrapha falcifera</i>	Cook : Evanston	14-May-12	SJP
<i>Psaphida resumens</i>	Grundy: Aux Sable Creek	22-Mar-12	KEJ
<i>Lithophane bethunei</i>	Grundy: Aux Sable Creek	22-Mar-12	KEJ
<i>Sunira bicolorago</i>	Cook : Evanston	13-Oct-12	SJP
<i>Orthosia hibisci</i>	Grundy: Aux Sable Creek	22-Mar-12	KEJ

INDIANA

Butterflies

PIERIDAE

<i>Nathalis iole</i> also David McCarty	SWITZERLAND: Patriot	19-Aug-12	11-Nov-12 MM
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LYCAENIDAE

Calycopis cecrops	SWITZERLAND: Patriot	23-Apr-12	19-Sep-12	MM
NYMPHALIDAE				
Polygonia comma also David McCarty	Switzerland: Patriot	02-Feb-12		MM
Moths				
SESIIDAE				
Carmenta bassiformis	Howard: Kokomo (40.4643N,-86.1685W)	25-Jun-12	29-Jun-12	WTJ
SATURNIIDAE				
Callosamia promethea	Switzerland: Patriot	22-May-12	09-Aug-12	MM
Hyalophora cecropia	Switzerland: Patriot	22-May-12	09-Aug-12	MM

IOWA

Jantscher reported the season beginning extremely early with *Vanessa virginiensis* on March 17 and *Celastrina ladon*, *Colias eurytheme*, *Colias philodice*, *Papilio glaucus*, *Pieris rapae*, *Polygonia comma*, and *Actias luna* on April 1. Many species appeared weeks earlier than expected, including *Junonia coenia*, *Poanes zabulon*, *Euptoieta claudia*, *Pyrisitia lisa*, *Hylephila phyleus*, *Nathalis iole*, *Pyrgus communis*, *Hyalophora cecropia*, *Hyles lineata*, *Sphecodina abbottii*, *Ceratomia hagenii* and *Darapsa myron*. *Vanessa atalanta* had a very strong flight in April with 125 individuals recorded on April 21. In June, precipitation slowed and most of Iowa was in drought conditions through the remainder of the year, and adult butterfly and moth numbers seemed well below average. It was a very poor year for *Lycaena hylus*, *Polygonia progne*, *Asterocampa clyton*, *Danaus plexippus*, *Limnitis arthemis astayanax*, *Papilio polyxenes*, *Vanessa cardui*, and *Sphinx kalmiae*. Strong numbers of *Atalopedes campestris*, *Hylephila phyleus* and *Pontia protodice* were recorded. Butterfly highlights include finding *Amblyscirtes hegon* in Lee County (far from nearest known colony and very rare in Iowa), *Erynnis funeralis* (very rare in Iowa), *Hesperia leonardus* (fairly rare in Iowa), two *Lerodea eufala* records (very rare in Iowa), *Parrhasius m-album* on 3 October (late date record and rare in Iowa), and *Papilio troilus* (very rare in Iowa). Moth highlights include finding *Haploa clymene* (STATE RECORD), *Aellopos titan* (fourth state record), *Erinnyis obscura* (very rare in Iowa), *Eumorpha achemon* (rare in Iowa), and *Eumorpha fasciatus* (fourth state record). *Callosamia promethea* cocoons were found in 10 new counties.

Butterflies

HESPERIIDAE

<i>Epagyreus clarus</i>	Monona: Preparation Canyon State Park	23-Apr-12		JWJ
<i>Erynnis baptisiae</i>	Monona: Preparation Canyon State Park	23-Apr-12		JWJ
<i>Erynnis baptisiae</i>	Fremont: Waubonsie State Park	09-Sep-12		TJ
<i>Erynnis funeralis</i> One individual at red clover	LEE: Shimek State Forest, Donnellson Unit	19-May-12		TJ
<i>Erynnis horatius</i>	Lee: Rand Park, City of Keokuk	03-Sep-12		TJ
<i>Erynnis juvenalis</i>	Van Buren: Lacey-Keosauqua State Park	21-Apr-12		TJ
<i>Pyrgus communis</i>	Linn: Wickiup Hill Outdoor Learning Center	09-Jun-12	11-Aug-12	TJ
<i>Amblyscirtes hegon</i> One individual at red clover	LEE: Chatfield Park	19-May-12		TJ
<i>Amblyscirtes vialis</i>	Monona: Preparation Canyon State Park	23-Apr-12		JWJ
<i>Amblyscirtes vialis</i>	Fremont: Waubonsie State Park	09-Sep-12		TJ
<i>Lerodea eufala</i>	MILLS: Folsom Point Preserve	09-Sep-12		TJ
<i>Lerodea eufala</i>	LEE: Rand Park, City of Keokuk	24-Oct-12		TJ
<i>Hylephila phyleus</i> Two individuals nectaring at red clover	Lee: Shimek State Forest, Croton Unit	19-May-12		TJ
<i>Hylephila phyleus</i>	Lee: Rand Park, City of Keokuk	03-Sep-12	24-Oct-12	TJ
<i>Hesperia leonardus</i>	Monona: Loess Hills State Forest, Preparation Canyon Unit	08-Sep-12		TJ
<i>Hesperia leonardus</i> Two individuals nectaring at blazing star	Monona: Loess Hills Wildlife Management Area	08-Sep-12		TJ
<i>Hesperia leonardus</i> Two individuals nectaring at blazing star	Mills: Folsom Point Preserve	09-Sep-12		TJ
<i>Atalopedes campestris</i>	Lee: Rand Park, City of Keokuk	03-Sep-12	24-Oct-12	TJ
<i>Polites themistocles</i>	Lee: Rand Park, City of Keokuk	24-Oct-12		TJ
<i>Wallengrenia egeremet</i>	Allamakee: Effigy Mounds National Monument	07-Jul-12		TJ
<i>Poanes hobomok</i>	Lee: Shimek State Forest, Donnellson Unit	19-May-12		TJ
<i>Poanes zabulon</i>	Van Buren: Lacey-Keosauqua State Park	21-Apr-12		TJ
<i>Poanes zabulon</i>	Lee: Shimek State Forest, Donnellson Unit	19-May-12		TJ

PAPILIONIDAE

<i>Battus philenor</i> Four individuals nectaring at catalpa tree flowers	Lee: Bluff Park, City of Keokuk	19-May-12		TJ
<i>Papilio glaucus</i>	Washington: Brinton Timber	01-Apr-12		TJ
<i>Papilio glaucus</i>	Monona: Preparation Canyon State Park	23-Apr-12		JWJ
<i>Papilio troilus</i>	Lee: Rees Park, City of Keokuk	19-May-12		TJ

PIERIDAE

<i>Pieris rapae</i>	Washington: Brinton Timber	01-Apr-12		TJ
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<i>Colias eurytheme</i>	Washington: Brinton Timber	01-Apr-12		TJ
<i>Colias eurytheme</i>	Keokuk: South Skunk River Access	10-Nov-12		TJ
<i>Colias philodice</i>	Washington: Brinton Timber	01-Apr-12		TJ
<i>Colias philodice</i>	Washington: Schmitter Heritage Area	10-Nov-12		TJ
<i>Phoebis sennae</i>	Keokuk: South Skunk River Access	10-Nov-12		TJ
<i>Pyrisitia lisa</i>	Linn: Wickiup Hill Outdoor Learning Center	06-May-12		TJ
One individual nectaring at dandelion				
<i>Pyrisitia lisa</i>	Lee: Rand Park, City of Keokuk	24-Oct-12		TJ
One individual nectaring at rose				
<i>Nathalis iole</i>	Linn: Matsell Bridge Natural Area	09-Jun-12		TJ
<i>Nathalis iole</i>	Mahaska: White Oak Conservation Area	10-Nov-12		TJ
LYCAENIDAE				
<i>Lycaena dione</i>	Linn: Wickiup Hill Outdoor Learning Center	09-Jun-12	17-Jun-12	TJ
<i>Lycaena hyllus</i>	Lee: Shimek State Forest, Croton Unit	19-May-12		TJ
<i>Lycaena phlaeas</i>	Anoka: Carlos Avery Wildlife Management Area	02-Jul-12		TJ
<i>Satyrrium caryaevorum</i>	Allamakee: Yellow River State Forest, Paint Creek Unit	07-Jul-12		TJ
One individual nectaring on sweet white clover				
<i>Callophrys gryneus</i>	Allamakee: Yellow River State Forest, Paint Creek Unit	07-Jul-12		TJ
Five individuals at wild parsnip and Queen Anne's lace				
<i>Parrhasius m-album</i>	Linn: Wickiup Hill Outdoor Learning Center	11-Aug-12		TJ
One individual nectaring at joe-pye weed				
<i>Parrhasius m-album</i>	Linn: Noelridge Park, City of Cedar Rapids	03-Oct-12		TJ
One individual nectaring at strawflower				
<i>Celastrina ladon</i>	Washington: Brinton Timber	01-Apr-12		TJ
<i>Celastrina neglecta</i>	Lee: Shimek State Forest, Donnellson Unit	19-May-12	03-Sep-12	TJ
<i>Echinargus isola</i>	Monona: Loess Hills State Forest, Preparation Canyon Unit	08-Sep-12		TJ
NYMPHALIDAE				
<i>Danaus plexippus</i>	Linn: Hitaga Sand Ridge Prairie Preserve	06-May-12		TJ
<i>Danaus plexippus</i>	Linn: Noelridge Park, City of Cedar Rapids	03-Oct-12		TJ
One individual at verbena				
<i>Euptoietia claudia</i>	Linn: Hitaga Sand Ridge Prairie Preserve	06-May-12		TJ
One individual nectaring at raspberry blossoms				
<i>Speyeria aphrodite</i>	Allamakee: Effigy Mounds National Monument	07-Jul-12		TJ
Two individuals nectaring at mountain mint				
<i>Asterocampa celtis</i>	Lee: Shimek State Forest, Donnellson Unit	19-May-12	03-Sep-12	TJ
<i>Asterocampa clyton</i>	Allamakee: Yellow River State Forest, Paint Creek Unit	07-Jul-12		TJ
<i>Vanessa atalanta</i>	Van Buren: Lacey-Keosaqua State Park	21-Apr-12		TJ
<i>Vanessa atalanta</i>	Monona: Preparation Canyon State Park	23-Apr-12		JWJ
nectaring on Dame's Rocket and New Jersey Tea				
<i>Vanessa cardui</i>	Monona: Preparation Canyon State Park	23-Apr-12		JWJ
<i>Vanessa cardui</i>	Lee: Rand Park, City of Keokuk	24-Oct-12		TJ
<i>Vanessa virginiensis</i>	Linn: Matsell Bridge Natural Area	17-Mar-12		TJ
<i>Vanessa virginiensis</i>	Lee: Rand Park, City of Keokuk	24-Oct-12		TJ
<i>Nymphalis antiopa</i>	Monona: Preparation Canyon State Park	23-Apr-12		JWJ
<i>Polygonia comma</i>	Washington: Brinton Timber	01-Apr-12		TJ
<i>Polygonia progne</i>	Monona: Preparation Canyon State Park	23-Apr-12		JWJ
<i>Polygonia progne</i>	Lee: Shimek State Forest, Donnellson Unit	19-May-12		TJ
<i>Junonia coenia</i>	Van Buren: Lacey-Keosaqua State Park	21-Apr-12		TJ
<i>Chlosyne nycteis</i>	Lee: Shimek State Forest, Donnellson Unit	19-May-12		TJ
One individual at moist streamside sand				
Moths				
YPONOMEUTIDAE				
<i>Atteva aurea</i>	FREMONT: Waubonsie State Park	08-Sep-12		TJ
GEOMETRIDAE				
<i>Cleora sublunaria</i>	Scott: Spencer Creek	22-Mar-12		KEJ
<i>Cleora sublunaria</i>	Cedar: Sugar Creek	22-Mar-12		KEJ
<i>Lycia ypsilon</i>	Cedar: Sugar Creek	22-Mar-12		KEJ
<i>Phigalia strigataria</i>	Cedar: Sugar Creek	22-Mar-12		KEJ
<i>Phigalia titea</i>	Cedar: Sugar Creek	22-Mar-12		KEJ
<i>Paleacrita vernata</i>	Cedar: Sugar Creek	22-Mar-12		KEJ
<i>Hydriomena transfigurata</i>	Cedar: Sugar Creek	22-Mar-12		KEJ
SATURNIIDAE				

Actias luna	WASHINGTON: Brinton Timber	01-Apr-12		TJ
Actias luna	Lee: Commercial gas station	20-May-12		TJ
Callosamia promethea	FAYETTE: Volga River State Recreation Area	11-Jun-12		TJ
Hyalophora cecropia	HENRY: Commercial gas station	05-May-12		TJ
SPHINGIDAE				
Manduca quinquemaculatus	Linn: Hitaga Sand Ridge Prairie Preserve	24-Jun-12	29-Jul-12	TJ
Nectaring at bouncing bet				
Manduca quinquemaculatus	FREMONT: Commercial Motel	08-Sep-12		TJ
Manduca sexta	Linn: Hitaga Sand Ridge Prairie Preserve	10-Jun-12	31-Aug-12	TJ
Nectaring at bouncing bet, twenty individuals on 29-Jun-2012				
Manduca sexta	BOONE: X Avenue at Onion Creek, NW of Ames	13-Jul-12		TJ
One individual nectaring at bouncing bet				
Ceratomia hageni	Lee: Shimek State Forest, Croton Unit	19-May-12		TJ
Sphinx kalmiae	Boone: X Avenue at Onion Creek, NW of Ames	13-Jul-12		TJ
Two individuals nectaring at bouncing bet				
Lintneria eremitus	Linn: Hitaga Sand Ridge Prairie Preserve	08-Jul-12	22-Jul-12	TJ
Nectaring at bouncing bet				
Paonias excaecata	LEE: Shimek State Forest, Croton Unit	21-Jul-12		TJ
Erinnyis obscura	LEE: Rand Park, City of Keokuk	16-Oct-12		TJ
Aellopos titan	Linn: Rock Island Preserve	03-Aug-12		TJ
One individual nectaring at bouncing bet				
Eumorpha achemon	LINN: Hitaga Sand Ridge Prairie Preserve	15-Jun-12	08-Jul-12	TJ
Nectaring at bouncing bet, four individuals on 8-Jul-2012				
Eumorpha fasciatus	LINN: Noelridge Park, City of Cedar Rapids	03-Oct-12		TJ
One male nectaring at nicotiana				
Eumorpha pandorus	Linn: Hitaga Sand Ridge Prairie Preserve	15-Jun-12	15-Aug-12	TJ
Nectaring at bouncing bet, twenty individuals on 29-Jul-2012				
Eumorpha pandorus	BOONE: X Avenue at Onion Creek, NW of Ames	13-Jul-12		TJ
Three individuals nectaring at bouncing bet				
Darapsa myron	WASHINGTON: Commercial gas station	05-May-12		TJ
Darapsa myron	LEE: Shimek State Forest, Croton Unit	19-May-12		TJ
Xylophanes tersa	Linn: Hitaga Sand Ridge Prairie Preserve	15-Jun-12	24-Aug-12	TJ
Nectaring at bouncing bet				
Hyles lineata	HENRY: Commercial gas station	05-May-12		TJ
Hyles lineata	Linn: Hitaga Sand Ridge Prairie Preserve	10-Jun-12	30-Sep-12	TJ
Nectaring at bouncing bet				
Hyles lineata	MONONA: Loess Hills State Forest, Preparation Canyon Unit	08-Sep-12		TJ
Hyles lineata	Lee: City of Montrose	24-Oct-12		TJ
Three individuals nectaring at red petunias				
NOCTUIDAE				
Psaphida resumens	Cedar: Sugar Creek	22-Mar-12		KEJ
Lithophane antennata	Cedar: Sugar Creek	22-Mar-12		KEJ
Orthosia alurina	Cedar: Sugar Creek	22-Mar-12		KEJ
Orthosia alurina	Scott: Spencer Creek	22-Mar-12		KEJ
Achatia distincta	Cedar: Sugar Creek	22-Mar-12		KEJ
Cerastis tenebrifera	Scott: Spencer Creek	22-Mar-12		KEJ
Noctua pronuba	Fremont: Waubonsie State Park	08-Sep-12		TJ
One individual at fluorescent/blacklight sheet setup				
EREBIDAE				
Haploa clymene	LEE: Shimek State Forest, Croton Unit	21-Jul-12		TJ
STATE RECORD				
Cissusa spadix	Cedar: Sugar Creek	22-Mar-12		KEJ
Cissusa spadix	Scott: Spencer Creek	22-Mar-12		KEJ

KENTUCKY

Butterflies

LYCAENIDAE

Atlides halesus	SCOTT: Longview Area. US 460 - 4.2 MI. W. of US62	26-Aug-12		LCK
Parrhasius m-album	OWEN : Kleber WMA	19-Aug-12		LCK
CR 368 - 3 MI. N. of CR 1707				

Moths

SPHINGIDAE

Enyo lugubris	MCCREARY: Daniel Boone NF	04-Oct-12		LCK
CR 1651 - .25 MI. S. of US 27 - In Seep				

Deidamia inscriptum FR 10 .8 MI. N. of SR 715	WOLFE: Daniel Boone NF	14-Apr-12	LCK
NOTODONTIDAE			
Clostera inclusa FR 10 .8 MI. N. of SR 715	WOLFE: Daniel Boone NF	14-Apr-12	LCK
Symmerista albifrons FR 10 .8 MI. N. of SR 715	WOLFE: Daniel Boone NF	14-Apr-12	LCK
NOCTUIDAE			
Acronicta afflicta FR 10 .8 MI. N. of SR 715	WOLFE: Daniel Boone NF	14-Apr-12	LCK
Psaphida electilis FR 10 .8 MI. N. of SR 715	WOLFE: Daniel Boone NF	14-Apr-12	LCK
Psaphida styracis FR 10 .8 MI. N. of SR 715	WOLFE: Daniel Boone NF	14-Apr-12	LCK
Feralia comstocki FR 10 .8 MI. N. of SR 715	WOLFE: Daniel Boone NF	14-Apr-12	LCK
Feralia jocosus FR 10 .8 MI. N. of SR 715	WOLFE: Daniel Boone NF	14-Apr-12	LCK
Feralia major FR 10 .8 MI. N. of SR 715	WOLFE: Daniel Boone NF	14-Apr-12	LCK
Papaipema araliae Rock Creek - FR 137 .3 MI. S. of Great Meadows CG	McCreary: Daniel Boone NF	07-Sep-12	LCK
Papaipema arctivorens	Scott: CR 620 - 1.4 MI. SE of US 25	05-Sep-12	LCK
Papaipema arctivorens CR 715 - 2.1 MI. E. of SR 77	WOLFE: Daniel Boone NF	18-Sep-12	LCK
Papaipema arctivorens CR 100 - 2.4 MI. W. of US 31W	SIMPSON: Robey Swamp	05-Oct-12	LCK
Papaipema baptisiae CR 368 - 3 MI. N. of CR 1707	Owen : Kleber WMA	17-Aug-12	LCK
Papaipema baptisiae SR 26 5.2 MI. s. of US 25	WHITLEY: Woodbine - Butcher Hollow	11-Sep-12	LCK
Papaipema beeriana Gas Line RW & Chenault School Rd.	BRECKENRIDGE: Yellowbank WMA	21-Sep-12	LCK
Papaipema birdi CR 100 - 2.4 MI. W. of US 31W	SIMPSON: Robey Swamp	05-Oct-12	LCK
Papaipema cataphracta CR 715 - 2.1 MI. E. of SR 77	WOLFE: Daniel Boone NF	18-Sep-12	LCK
Papaipema cataphracta In Cane Brake along Greasy Creek	BELL: SR 92 - .9 MI. W. of CR 225	25-Sep-12	LCK
Papaipema cataphracta Langham Branch RD. 1.1 MI. W. of SR 167 - IN Cane	WAYNE : Daniel Boone NF - Langham Branch Creek	08-Oct-12	LCK
Papaipema cerussata CR 100 - 2.4 MI. W. of US 31W	SIMPSON: Robey Swamp	05-Oct-12	LCK
Papaipema eupatorii CR 100 - 2.4 MI. W. of US 31W	SIMPSON: Robey Swamp	05-Oct-12	LCK
Papaipema furcata FR 10 .8 MI. N. of SR 715	WOLFE: Daniel Boone NF	18-Sep-12	LCK
Papaipema furcata CR 1329 - .3 MI. W. of US 25 -In Cane	Rockcastle: Daniel Boone NF	25-Sep-12	LCK
Papaipema furcata In Cane Brake along Greasy Creek	BELL: SR 92 - .9 MI. W. of CR 225	25-Sep-12	LCK
Papaipema impecuniosa Rock Creek - FR 137 .3 MI. S. of Great Meadows CG	McCreary: Daniel Boone NF	25-Sep-12	LCK
Papaipema impecuniosa Clear Creek - FR 909 - .9 MI. S. of FR 129	BATH: Daniel Boone NF	27-Sep-12	LCK
Papaipema inquaesita FR 10 .8 MI. N. of SR 715	WOLFE: Daniel Boone NF	18-Sep-12	LCK
Papaipema inquaesita Rock Creek - FR 137 .3 MI. S. of Great Meadows CG	McCreary: Daniel Boone NF	25-Sep-12	LCK
Papaipema inquaesita Clear Creek - FR 909 - .9 MI. S. of FR 129	BATH: Daniel Boone NF	27-Sep-12	LCK
Papaipema marginidens CR 715 - 2.1 MI. E. of SR 77	WOLFE: Daniel Boone NF	18-Sep-12	LCK
Papaipema marginidens Gas Line RW & Chenault School Rd.	BRECKENRIDGE: Yellowbank WMA	21-Sep-12	LCK
Papaipema marginidens CR 1329 - .3 MI. W. of US 25 -In Cane	Rockcastle: Daniel Boone NF	25-Sep-12	LCK

Papaipema marginidens In Cane Brake along Greasy Creek	BELL: SR 92 - .9 MI. W. of CR 225	25-Sep-12	LCK
Papaipema marginidens CR 100 - 2.4 MI. W. of US 31W	SIMPSON: Robey Swamp	05-Oct-12	LCK
Papaipema marginidens Rock Creek - FR 137 .3 MI. S. of Great Meadows CG	McCreary: Daniel Boone NF	08-Oct-12	LCK
Papaipema marginidens Langham Branch RD. 1.1 MI. W. of SR 167 - IN Cane	WAYNE : Daniel Boone NF - Langham Branch Creek	08-Oct-12	LCK
Papaipema nebris Dirt Rd .6 MI. N. of US 25 & Exit 59 of I-75	Rockcastle: Burr	11-Sep-12	LCK
Papaipema nebris Boone Hollow Rd - .5 MI. E. of CR 1004	Rockcastle: Daniel Boone NF	11-Sep-12	LCK
Papaipema nebris SR 26 5.2 MI. s. of US 25	WHITLEY: Woodbine - Butcher Hollow	11-Sep-12	LCK
Papaipema nebris CR 715 - 2.1 MI. E. of SR 77	WOLFE: Daniel Boone NF	18-Sep-12	LCK
Papaipema nebris In Cane Brake along Greasy Creek	BELL: SR 92 - .9 MI. W. of CR 225	25-Sep-12	LCK
Papaipema nebris CR 1329 - .3 MI. W. of US 25 -In Cane	Rockcastle: Daniel Boone NF	25-Sep-12	LCK
Papaipema nebris CR 100 - 2.4 MI. W. of US 31W	SIMPSON: Robey Swamp	05-Oct-12	LCK
Papaipema necopina Dirt Rd .6 MI. N. of US 25 & Exit 59 of I-75	Rockcastle: Burr	11-Sep-12	LCK
Papaipema necopina CR 715 - 2.1 MI. E. of SR 77	WOLFE: Daniel Boone NF	18-Sep-12	LCK
Papaipema necopina In Cane Brake along Greasy Creek	BELL: SR 92 - .9 MI. W. of CR 225	25-Sep-12	LCK
Papaipema necopina CR 100 - 2.4 MI. W. of US 31W	SIMPSON: Robey Swamp	05-Oct-12	LCK
Papaipema polymniae Clear Creek - FR 909 - .9 MI. S. of FR 129	BATH: Daniel Boone NF	27-Sep-12	LCK
Papaipema rigida FR 10 .8 MI. N. of SR 715	WOLFE: Daniel Boone NF	18-Sep-12	LCK
Papaipema rigida CR 100 - 2.4 MI. W. of US 31W	SIMPSON: Robey Swamp	05-Oct-12	LCK
Papaipema rigida Langham Branch RD. 1.1 MI. W. of SR 167 - IN Cane	WAYNE : Daniel Boone NF - Langham Branch Creek	08-Oct-12	LCK
Papaipema rutila FR 10 .8 MI. N. of SR 715	WOLFE: Daniel Boone NF	18-Sep-12	LCK
Papaipema rutila Rock Creek - FR 137 .3 MI. S. of Great Meadows CG	McCreary: Daniel Boone NF	25-Sep-12	LCK
Papaipema speciosissima Rock Creek - FR 137 .3 MI. S. of Great Meadows CG	McCreary: Daniel Boone NF	08-Oct-12	LCK
Lithophane bethunei FR 10 .8 MI. N. of SR 715	WOLFE: Daniel Boone NF	14-Apr-12	LCK
Lithophane grotei FR 10 .8 MI. N. of SR 715	WOLFE: Daniel Boone NF	14-Apr-12	LCK
Lithophane laticinerea FR 10 .8 MI. N. of SR 715	WOLFE: Daniel Boone NF	14-Apr-12	LCK
Lithophane unimoda FR 10 .8 MI. N. of SR 715	WOLFE: Daniel Boone NF	14-Apr-12	LCK
Orthosia alurina FR 10 .8 MI. N. of SR 715	WOLFE: Daniel Boone NF	14-Apr-12	LCK
Orthosia garmani FR 10 .8 MI. N. of SR 715	WOLFE: Daniel Boone NF	14-Apr-12	LCK
Orthosia hibisci FR 10 .8 MI. N. of SR 715	WOLFE: Daniel Boone NF	14-Apr-12	LCK
Orthosia rubescens FR 10 .8 MI. N. of SR 715	WOLFE: Daniel Boone NF	14-Apr-12	LCK
Achatia distincta FR 10 .8 MI. N. of SR 715	WOLFE: Daniel Boone NF	14-Apr-12	LCK
Morrisonia confusa FR 10 .8 MI. N. of SR 715	WOLFE: Daniel Boone NF	14-Apr-12	LCK
Morrisonia evicta FR 10 .8 MI. N. of SR 715	WOLFE: Daniel Boone NF	14-Apr-12	LCK
Morrisonia latex FR 10 .8 MI. N. of SR 715	WOLFE: Daniel Boone NF	14-Apr-12	LCK

Pseudorthodes vecors FR 10 .8 MI. N. of SR 715	WOLFE: Daniel Boone NF	14-Apr-12	LCK
Orthodes majuscula FR 10 .8 MI. N. of SR 715	WOLFE: Daniel Boone NF	14-Apr-12	LCK
Cerastis tenebrifera FR 10 .8 MI. N. of SR 715	WOLFE: Daniel Boone NF	14-Apr-12	LCK
EREBIDAE			
Redectis vitrea Gas Line RW & Chenault School Rd.	BRECKINRIDGE: Yellowbank WMA	06-May-12	LCK
Zale bethunei FR 10 .8 MI. N. of SR 715	WOLFE: Daniel Boone NF	14-Apr-12	LCK
Zale helata FR 10 .8 MI. N. of SR 715	WOLFE: Daniel Boone NF	14-Apr-12	LCK
Zale minerea Gas Line RW & Chenault School Rd.	BRECKINRIDGE: Yellowbank WMA	06-May-12	LCK
Catocala cerogama Gas Line RW & Chenault School Rd.	BRECKENRIDGE: Yellowbank WMA	06-May-12	LCK
Catocala illecta CR 368 - 3 MI. N. of CR 1707	OWEN : Kleber WMA	16-Aug-12	LCK
Catocala similis CR 368 - 3 MI. N. of CR 1707	OWEN : Kleber WMA	10-Jul-12	LCK

MICHIGAN

Johnson reported that spring was extremely advanced, most notably in the north. The most extreme warming was observed in the eastern Upper Peninsula where snowy winter conditions prevailed as of March 13. On a March 20 return trip virtually all snow had melted, some poplars were pushing catkins, and frogs were calling. Both overwintering moths and some spring emergers were out in force. Southern migrants such as *Mythimna unipuncta* and *Peridroma saucia* were common. Even a specimen of *Sericaglaea signata* (a species uncommon even in southern Michigan) had moved this far north. In early June an expedition was made to Isle Royale, the first Lepidoptera expedition since 1986. The season here was also advanced, and southern strays such as *Junonia coenia* had colonized the island. Ferge experienced the earliest season yet in Upper Michigan's Keweenaw Peninsula, with *Vanessa atalanta* arriving and *Callophrys eryphon* and *Polios* beginning to emerge on April 14, almost a month ahead of average. Although summer was dry, conditions were not as severe as elsewhere. Migrant butterfly species *Pyrgus communis*, *Hylephila phyleus* and *Pyrisitia lisa* were recorded, with *Atalopedes campestris* and *Junonia coenia* appearing in numbers. A large influx of *Vanessa atalanta*, *cardui* and *virginiensis* occurred in late May, almost swarming on lilac flowers. *Polygonia interrogationis* also arrived in late May. It was not seen at all in 2011, and did not produce a second brood in 2012. Few late-season stray and migrant moths were found, with only *Magusa divaricata* recorded in the Keweenaw in early October. Herig reported a rather snowless winter in the Lower Peninsula, followed by hot March temperatures exceeding 80°F. April was cold, with frost killing fruit blossoms. Summer was one of the hottest on record. He found resident butterfly species down, but found good numbers of immigrants such as *Pyrgus communis* and *Junonia coenia*. *Polygonia interrogationis* was abundant in bait traps in Clinton County from 1 May to 6 October. Monarchs were few this season.

Butterflies

HESPERIIDAE

<i>Epargyreus clarus</i> early record/late record	Kalamazoo:	05-May-12	29-Sep-12	MC1
<i>Erynnis baptisiae</i> early record	KALAMAZOO:	18-Apr-12		MC1
<i>Erynnis brizo</i> early record	St. Joseph:	25-Mar-12		MC1
<i>Erynnis horatius</i>	Wayne: Crosswinds Marsh (T4S, R8E, Sec. 35)	05-Jul-11	24-Jul-11	MC1
<i>Erynnis juvenalis</i> early record	Kalamazoo:	18-Apr-12		MC1
<i>Erynnis juvenalis</i>	Gogebic: Gogebic Station Bog	04-May-12		KEJ
<i>Erynnis juvenalis</i>	Houghton: 1 mi. N of Calumet	26-May-12		LAF
<i>Erynnis lucilius</i>	Keweenaw: Isle Royale: Mt. Ojibway	09-Jun-12		KEJ
<i>Erynnis lucilius</i> Maxton Shale Barrens, T43N, R6E, Sec. 34	Chippewa: Drummond Island	22-Jul-12		MC1
<i>Pyrgus communis</i>	Clinton: St. Johns	01-May-12	06-Oct-12	ETH
<i>Pyrgus communis</i>	Keweenaw: Eagle River (Ferge backyard)	27-Jul-12		LAF
<i>Carterocephalus palaemon</i>	Keweenaw: Isle Royale: Moskey Basin	07-Jun-12		KEJ
<i>Amblyscirtes vialis</i>	Keweenaw: Isle Royale	07-Jun-12	09-Jun-12	KEJ
<i>Ancyloxypha numitor</i>	Houghton: Laurium	14-Aug-12		LAF
<i>Hylephila phyleus</i>	WAYNE: T4S, R8E, Sec. 25 & 34	05-Jul-11	01-Sep-12	MC1
<i>Hylephila phyleus</i>	MACKINAC: T44N, R8W, Sec. 25	22-Jul-12		MC1
<i>Hylephila phyleus</i> one freshly emerged female caught by hand	KEWEENAW: Eagle River	28-Jul-12		CBF
<i>Hylephila phyleus</i>	Clinton: St. Johns	28-Jul-12		ETH
<i>Hylephila phyleus</i>	KALAMAZOO: T4S, R11W, Sec. 19	05-Aug-12		MC1
<i>Hylephila phyleus</i>	Houghton: Laurium	14-Aug-12		LAF

Hylephila phyleus	ST. JOSEPH: T8S, R12W, Sec. 16	24-Aug-12	31-Aug-12	MC1
Hesperia leonardus	Mackinac: T44N, R8W, Sec. 25 and T41N, R4W, Sec. 22	22-Jul-12	12-Aug-12	MC1
Hesperia metea	Allegan:	06-May-12		MC1
Hesperia ottoe	Allegan: Allegan State Game Area	01-Jul-12		MC1
Hesperia sassacus	Keweenaw: Isle Royale: Moskey Basin	07-Jun-12		KEJ
Hesperia sassacus	Keweenaw: Logging Road 1.4 mi. NW of Gay	23-Jun-12		LAF
Atalopedes campestris	WAYNE: T4S, R8E, Sec. 34	25-Aug-11	15-Sep-11	MC1
Atalopedes campestris also Dave Iftner	KEWEENAW: Copper Harbor, Cliff Drive & Eagle River	21-Jun-12	22-Jun-12	LAF
Atalopedes campestris	MUSKEGON: T6S, R20W, Sec. 18	16-Sep-12	15-Sep-11	MC1
Atalopedes campestris	BERRIEN: T6S, R20W, Sec. 18	16-Sep-12	15-Sep-11	MC1
Poanes viator	St. Joseph: T7S, R12W, Sec. 18	30-Jun-12		MC1
Poanes zabulon	BERRIEN: T5S, R14W, Sec. 29	04-Aug-12		MC1
Euphyes bimacula	Mackinac:	23-Jun-12	25-Jun-12	MC1
Euphyes dion	St. Joseph: T7S, R12W, Sec. 18	30-Jun-12		MC1
Euphyes dion	MACKINAC: T44N, R8W, Sec. 25	14-Jul-12		MC1
Euphyes dukesi	Wayne:	05-Jul-12	08-Jul-12	MC1
PAPILIONIDAE				
Battus philenor nectaring on bouncing bet	St. Joseph:	24-Aug-12	31-Aug-02	MC1
Papilio crespontes nectaring on buttonbush	Wayne: T4S, R8E, Sec. 20 & 35	05-Jul-11		MC1
Papilio polyxenes asterius	Wayne: T4S, R8E, Sec. 35	08-Jul-11	24-Jul-11	MC1
Papilio polyxenes asterius	St. Joseph: T7S, R12W, Sec. 18	14-Aug-12	31-Aug-12	MC1
PIERIDAE				
Pieris oleracea early record	Kalamazoo:	25-Mar-12		MC1
Pieris virginiensis early record	Lake:	07-Apr-12		MC1
Euchloe ausonides	Keweenaw: Isle Royale: Moskey Basin to Rock Harbor	06-Jun-12	07-Jun-12	KEJ
Colias eurytheme	Keweenaw: Eagle River (Ferge backyard)	23-May-12		LAF
Colias eurytheme	Keweenaw: Isle Royale: Rock Harbor	06-Jun-12		KEJ
Colias eurytheme	Houghton: Big Traverse	17-Jun-12		LAF
Colias interior	Schoolcraft: Bullock Ranch	23-Jun-12		MC1
Colias interior	Alger:	23-Jun-12		MC1
Colias interior	Mackinac: T44N, R7W, Sec. 33	14-Jul-12		MC1
Phoebis sennae very fresh male nectaring at thistle, probably 2nd generation in Michigan	Wayne: T4S, R8E, Sec. 36	18-Aug-11		MC1
Pyrisitia lisa early record	Wayne: T4S, R8E, Sec. 35	24-Jul-11	08-Sep-11	MC1
Pyrisitia lisa also Dave Iftner	Keweenaw: Logging Road 1.4 mi. NW of Gay	22-Jun-12		LAF
Pyrisitia lisa	Mackinac: Castle Rock Rd.	23-Jun-12		MC1
Pyrisitia lisa	Cass: T5S, R14W, Sec. 32	14-Aug-12		MC1
Pyrisitia lisa	St. Joseph: T7S, R12W, Sec. 17	31-Aug-12		MC1
Nathalis iole	WAYNE: T4S, R8E, Sec. 35	05-Jul-12	24-Jul-12	MC1
Nathalis iole	BARRY: T3N, R10W, Sec. 9	05-Jul-12		MC1
Nathalis iole	KALAMAZOO:	26-Jul-12		MC1
Nathalis iole	CASS: T5S, R14W, Sec. 29 & 30	04-Aug-12		MC1
Nathalis iole	ST. JOSEPH: T7S, R12W, Sec. 17	14-Aug-12	31-Aug-12	MC1
Nathalis iole	BERRIEN:	16-Sep-12		MC1
Nathalis iole	Cass:	16-Oct-12		ETH
LYCAENIDAE				
Feniseca tarquinius	Keweenaw: Isle Royale: Daisy Farm	07-Jun-12		KEJ
Feniseca tarquinius	St. Joseph: T7S, R12W, Sec. 7	17-Jun-12		MC1
Lycaena hyllus	Wayne: T4S, R8E, Sec. 34	08-Sep-11		MC1
Callophrys augustinus early record	Lake:	07-Apr-12		MC1
Callophrys augustinus	MENOMINEE: Hanson Lake Peatland	13-May-12		KEJ
Callophrys augustinus	Keweenaw: Isle Royale: Lake Ojibway & Moose Lake peatlands	08-Jun-12	09-Jun-12	KEJ
Callophrys eryphon	Keweenaw: 1.5 mi. E of Hwy. 41 end	13-Apr-12		LAF

Callophrys eryphon	Marquette: Clowry Plains	10-May-12		KEJ
Callophrys eryphon	Delta: Pole Creek Lake	11-May-12		KEJ
Callophrys eryphon	Keweenaw: Isle Royale: Daisy Farm	07-Jun-12		KEJ
Callophrys henrici	MARQUETTE: McFarland Bog	12-May-12		KEJ
Callophrys niphon clarki early record	ST. JOSEPH:	25-Mar-12		MC1
Callophrys polios	Houghton: Louis Point Rd. & Big Traverse	14-Apr-12	17-Jun-12	LAF
Callophrys polios	Keweenaw: Isle Royale: Moskey Basin to Mt. Ojibway	07-Jun-12	09-Jun-12	KEJ
Strymon melinus associated with Comptonia peregrina	Marquette: Perch Lake Barrens to Clowry Plains	03-Jun-12		KEJ
Cupido amyntula	Keweenaw: Isle Royale: Moskey Basin	07-Jun-12		KEJ
Cupido comyntas early record	Kalamazoo:	18-Apr-12		MC1
Celastrina ladon early record	St. Joseph:	25-Mar-12		MC1
Celastrina lucia extreme early date, a month earlier than previously recorded here	Clinton: St. Johns	21-Mar-12	25-Mar-12	ETH
Celastrina lucia	Keweenaw: 1.5 mi. E of Hwy. 41 end	13-Apr-12		GJB
Celastrina lucia	Houghton: E of Rice Lake	14-Apr-12		LAF
Celastrina neglecta	Houghton: Wetland 1.8 mi. N of Calumet	26-May-12		LAF
Plebejus idas nabokovi	Alger:	23-Jun-12		MC1
Plebejus melissa samuelis early record	Allegan:	06-May-12		MC1
NYMPHALIDAE				
Libytheana carinenta bachmanii late record	Wayne: T4S, R8E, Sec. 25	15-Sep-11		MC1
Libytheana carinenta bachmanii	Kalamazoo:	10-Jun-12		MC1
Libytheana carinenta bachmanii	ST. JOSEPH: T7S, R12W, Sec. 7, 8, 16, 17	17-Jun-12	31-Aug-12	MC1
Libytheana carinenta bachmanii nectaring on milkweed, record from Wayne Miller	MACKINAC: T41N, R4W, Sec. 27	23-Jun-12		MC1
Libytheana carinenta bachmanii	Clinton: St. Johns	12-Jul-12		ETH
Danaus plexippus early record	Kalamazoo:	05-May-12		MC1
Danaus plexippus nectaring on lilacs	Keweenaw: Eagle River (Ferge backyard)	23-May-12		LAF
Danaus plexippus common at Lilacs	Houghton: 1 mi. N of Calumet	26-May-12		LAF
Danaus plexippus	Keweenaw: Isle Royale: Moskey Basin to Lookout Louise	07-Jun-12	08-Jun-12	KEJ
Anaea andria collected by Wayne Miller	KALAMAZOO: Galesburg	25-Jun-12		MC1
Lethe appalachia	St. Joseph: T7S, R12W, Sec. 7	17-Jun-12		MC1
Lethe appalachia	KEWEENAW: Logging Road 1.4 mi. NW of Gay	23-Jun-12		LAF
Lethe eurydice	Houghton: Wetland 1.8 mi. N of Calumet	23-Jun-12		LAF
Coenonympha tullia inornata	WAYNE: T4S, R8E, Sec.35	08-Jul-12	29-Jul-12	MC1
Coenonympha tullia inornata late record	Wayne: T4S, R8E, Sec. 24	28-Jul-12		MC1
Erebia discoidalis only single individuals observed at each site; normally common	Marquette: North Sagola Swamp, Diorite, & McFarland bogs	09-May-12	12-May-12	KEJ
Megisto cymela	Keweenaw: Logging Road 1.4 mi. NW of Gay	23-Jun-12		LAF
Oeneis chryxus	Marquette: Perch Lake Barrens & Clowry Plains	09-May-12		KEJ
Oeneis jutta	MENOMINEE: Hanson Lake Peatland	13-May-12		KEJ
Oeneis jutta	Keweenaw: Isle Royale: Moose Lake Peatland	08-Jun-12		KEJ
Oeneis macounii also Gard Otis. Many sites from Moskey Basin to Lookout Louise	Keweenaw: Isle Royale	06-Jun-12	09-Jun-12	KEJ
Euptoieta claudia	CASS: T5S, R14W, Sec. 29	04-Aug-12		MC1
Euptoieta claudia	Keweenaw: Lac La Belle Bog	15-Aug-12		RK
Euptoieta claudia nectaring on spotted knapweed	ST. JOSEPH: T7S, R12W, Sec. 8	31-Aug-12		MC1
Euptoieta claudia nectaring on spotted knapweed	BERRIEN: T5S, R19W, Sec.29	16-Sep-12		MC1
Speyeria cybele krautwurmi	Chippewa: Drummond Island	22-Jul-12		MC1
	Maxton Shale Barrens, T43N, R6E, Sec. 34			
Boloria frigga very early date	Baraga: Worm Lake Bog	10-May-12		KEJ

<i>Boloria frigga</i>	Delta: Pole Creek Lake Peatlands	11-May-12		KEJ
<i>Limnitis archippus</i>	Houghton: Laurium	14-Aug-12		LAF
<i>Vanessa atalanta</i> abundant at Lilacs during May	Houghton: Louis Rd. & 1 mi. N of Calumet	14-Apr-12	26-May-12	LAF
<i>Vanessa atalanta</i> abundant, nectaring on lilacs	Keweenaw: Eagle River (Ferge backyard)	23-May-12		LAF
<i>Vanessa cardui</i> common, nectaring on lilacs	Keweenaw: Eagle River (Ferge backyard)	23-May-12		LAF
<i>Vanessa cardui</i> common, nectaring on lilacs	Houghton: 1 mi. N of Calumet	26-May-12		LAF
<i>Vanessa cardui</i>	Keweenaw: Isle Royale: Mt. Ojibway & SW of Lookout Louise	08-Jun-12	09-Jun-12	KEJ
<i>Vanessa virginiensis</i> abundant at Lilacs during May	Houghton: 1 mi. N of Calumet	26-May-12	18-Jul-12	LAF
<i>Vanessa virginiensis</i>	Keweenaw: Isle Royale: Moskey Basin & Siskowit Mine	07-Jun-12		KEJ
<i>Nymphalis antiopa</i> abundant in bait traps in August	Keweenaw: Ojibway Rd. & near Hebard Park	06-Apr-12	20-Aug-12	LAF
<i>Nymphalis antiopa</i>	Keweenaw: Isle Royale: Moskey Basin	07-Jun-12		KEJ
<i>Nymphalis l-album</i>	Mackinac: T41N, R4W, Sec. 27	23-Jun-12	25-Jun-12	MC1
<i>Nymphalis l-album</i>	Mackinac: T42N, R4W, Sec. 17	22-Jul-12		MC1
<i>Polygonia faunus</i> common; puddling along roads	Mackinac: Kenneth, Carp River, & Little Cut River	20-Mar-12	21-Mar-12	KEJ
<i>Polygonia faunus</i>	Keweenaw: Isle Royale: Moskey Basin	07-Jun-12		KEJ
<i>Polygonia interrogationis</i> several nectaring on lilacs	Keweenaw: Eagle River (Ferge backyard)	23-May-12	21-Jun-12	LAF
<i>Polygonia interrogationis</i> common at Lilacs	Houghton: 1 mi. N of Calumet	26-May-12		LAF
<i>Polygonia interrogationis</i>	Keweenaw: Isle Royale: Siskowit Mine	07-Jun-12		KEJ
<i>Polygonia interrogationis</i>	Clinton: St. Johns	28-Jul-12		ETH
<i>Polygonia progne</i> many in bait traps	Otsego: T29N, R2W, Sect. 14 & 18	10-Sep-12	12-Sep-12	ETH
<i>Junonia coenia</i>	Clinton: St. Johns	01-May-12	06-Oct-12	ETH
<i>Junonia coenia</i> early record	Allegan:	05-May-12		MC1
<i>Junonia coenia</i>	Houghton: 1 mi. N of Calumet	26-May-12	17-Jun-12	LAF
<i>Junonia coenia</i>	Keweenaw: Isle Royale: Moskey Basin	07-Jun-12		KEJ
<i>Junonia coenia</i> freshly emerged form rosa found in August in Point Isabelle Bog	Keweenaw: Eagle River, Point Isabelle Bog	21-Jun-12	14-Aug-12	LAF
<i>Chlosyne harrisii</i>	Houghton: Wetland 1.8 mi. N of Calumet	23-Jun-12		LAF
<i>Chlosyne harrisii</i>	Mackinac: T41N, R4W, Sec. 27	23-Jun-12	25-Jun-12	MC1
<i>Phyciodes batesii</i>	Keweenaw: Isle Royale: Mt. Ojibway	09-Jun-12		KEJ
<i>Phyciodes tharos</i> early record	Kalamazoo:	05-May-12		MC1

Moths

HEPIALIDAE

<i>Sthenopsis argenteomaculatus</i>	Mackinac: T41N, R4W, Sec. 27	23-Jun-12		MC1
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TINEIDAE

<i>Monopis marginistrigella</i>	Keweenaw: Isle Royale: Rock Harbor	07-Jun-12		KEJ
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GRACILLARIIDAE

<i>Caloptilia stigmatella</i>	ARENAC: Lame Duck Truck Trail	15-Mar-12		KEJ
<i>Caloptilia stigmatella</i>	OGEMAW: Preachers Barrens	19-Mar-12		KEJ

OECOPHORIDAE

<i>Semioscopis aurorella</i>	OGEMAW: Preachers Barrens	19-Mar-12		KEJ
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ELACHISTIDAE

<i>Agonopterix argillacea</i>	ARENAC: Lame Duck Truck Trail	15-Mar-12		KEJ
<i>Agonopterix atrodorsella</i>	OGEMAW: Preachers Barrens	19-Mar-12		KEJ
<i>Agonopterix atrodorsella</i>	DELTA: Brampton	17-Oct-12		KEJ
<i>Agonopterix canadensis</i>	OGEMAW: Preachers Barrens	14-Mar-12	19-Mar-12	KEJ
<i>Agonopterix clemensella</i> hibernating under bark	CALHOUN: Minges Brook	12-Jan-12		KEJ
<i>Agonopterix clemensella</i>	ARENAC: Lame Duck Truck Trail	15-Mar-12		KEJ
<i>Agonopterix eupatoriella</i> hibernating under bark	IONIA: Portland SGA	12-Jan-12		KEJ
<i>Agonopterix costimacula</i>	Ionia: Portland SGA	12-Jan-12		KEJ

<i>Agonopterix pulvipennella</i>	ARENAC: Lame Duck Truck Trail	15-Mar-12		KEJ
<i>Agonopterix pulvipennella</i>	OGEMAW: Preachers Barrens	19-Mar-12		KEJ
<i>Agonopterix pulvipennella</i>	CHIPPEWA: Trout Lake Peatlands	20-Mar-12		KEJ
<i>Agonopterix walsinghamella</i>	OGEMAW: Preachers Barrens	19-Mar-12		KEJ
<i>Agonopterix walsinghamella</i>	ALGER: Sixteenmile Lake	03-Oct-12		KEJ
CRAMBIDAE				
<i>Crambus alienellus</i>	MENOMINEE: Hanson Lake Peatland	13-May-12		KEJ
<i>Crambus alienellus</i>	Baraga: Nestoria Bog	03-Jun-12		KEJ
<i>Crambus alienellus</i>	MARQUETTE: North Sagola Swamp	03-Jun-12		KEJ
<i>Dicymolomia julianalis</i>	DELTA: Brampton	02-Sep-12		KEJ
<i>Raphiptera argillaceella</i>	Keweenaw: Isle Royale: Lake Ojibway & Moose Lake peatlands	08-Jun-12	09-Jun-12	KEJ
<i>Thaumatopsis pectinifer</i>	DELTA: Brampton	03-Sep-12		KEJ
SESIIDAE				
<i>Paranthrene dollii</i>	Clinton: Olive Twp. Section 28 & Bath Twp. Section 29	22-May-12	01-Jun-12	WTJ
<i>Paranthrene simulans</i>	Clinton: Bath Twp. Section 29 & Newton Twp. Section 24	07-Jun-12	18-Jun-12	WTJ
<i>Paranthrene pellucida</i>	Ingham: Bunker Hill Twp. Section 17	01-Jul-12	08-Jul-12	WTJ
<i>Paranthrene pellucida</i>	Clinton: Olive Twp. Section 28	04-Jul-12	07-Jul-12	WTJ
<i>Synanthedon decipiens</i>	INGHAM: Bunker Hill Twp. Section 17	01-Jul-12	08-Jul-12	WTJ
Third time collected in Michigan				
<i>Synanthedon decipiens</i>	Clinton: Dewitt Twp. Section 22	07-Jul-12	14-Jul-12	WTJ
TORTRICIDAE				
<i>Rhyacionia granti</i>	OGEMAW: Preachers Barrens	19-Mar-12		KEJ
<i>Rhyacionia granti</i>	Chippewa: Trout Lake Peatlands	20-Mar-12		KEJ
<i>Pseudexentera kalmiana</i>	Gogebic: Redboat Lake Bog	04-May-12		KEJ
<i>Pseudexentera kalmiana</i>	MENOMINEE: Hanson Lake Peatland	13-May-12		KEJ
<i>Pseudexentera maracana</i>	Oakland: Lantern Lake	18-Mar-12		KEJ
<i>Pseudexentera vaccinii</i>	OGEMAW: Preachers Barrens	19-Mar-12		KEJ
<i>Pseudexentera vaccinii</i>	Chippewa: Trout Lake Peatlands	20-Mar-12		KEJ
<i>Pseudexentera virginiana</i>	ARENAC: Lame Duck Truck Trail	15-Mar-12		KEJ
<i>Pseudexentera virginiana</i>	OGEMAW: Preachers Barrens	19-Mar-12		KEJ
<i>Ancyliis unguicella</i>	Keweenaw: Isle Royale: Rock Harbor	08-Jun-12		KEJ
abundant around <i>Arctostaphylos uva-ursi</i> patches; diurnal				
<i>Acleris bowmanana</i>	OGEMAW: Preachers Barrens	14-Mar-12		KEJ
<i>Acleris bowmanana</i>	ARENAC: Lame Duck Truck Trail	15-Mar-12		KEJ
<i>Acleris braunana</i>	LUCE: Sleeper Lake Peatlands	08-Oct-12		KEJ
<i>Acleris celiana</i>	ARENAC: Lame Duck Truck Trail	15-Mar-12		KEJ
<i>Acleris celiana</i>	Luce: Sleeper Lake Peatlands	08-Oct-12		KEJ
<i>Acleris cervinana</i>	Oakland: Bald Mountain SRA	16-Mar-12		KEJ
<i>Acleris flavivittana</i>	OGEMAW: Preachers Barrens	19-Mar-12		KEJ
<i>Acleris forbesana</i>	ARENAC: Lame Duck Truck Trail	15-Mar-12		KEJ
<i>Acleris forbesana</i>	Chippewa: Trout Lake Peatlands	20-Mar-12		KEJ
<i>Acleris fuscana</i>	OGEMAW: Preachers Barrens	14-Mar-12		KEJ
<i>Acleris fuscana</i>	Mackinac: Kenneth	20-Mar-12		KEJ
<i>Acleris hastiana</i>	OGEMAW: Preachers Barrens	14-Mar-12		KEJ
<i>Acleris hastiana</i>	ARENAC: Lame Duck Truck Trail	15-Mar-12		KEJ
<i>Acleris hudsoniana</i>	OGEMAW: Preachers Barrens	14-Mar-12		KEJ
<i>Acleris logiana</i>	ARENAC: Lame Duck Truck Trail	15-Mar-12		KEJ
<i>Acleris maccana</i>	ARENAC: Lame Duck Truck Trail	15-Mar-12		KEJ
<i>Acleris maccana</i>	Mackinac: Kenneth	20-Mar-12		KEJ
<i>Acleris maccana</i>	ALGER: Ready Lake Barrens	03-Oct-12		KEJ
<i>Acleris macdunnoughi</i>	DELTA: Brampton	17-Oct-12		KEJ
<i>Acleris maculidorsana</i>	ARENAC: Lame Duck Truck Trail	15-Mar-12		KEJ
<i>Acleris minuta</i>	Ogemaw: Preachers Barrens	14-Mar-12	19-Mar-12	KEJ
<i>Acleris nigrolinea</i>	ARENAC: Lame Duck Truck Trail	15-Mar-12		KEJ
<i>Acleris nigrolinea</i>	Chippewa: Trout Lake Peatlands	20-Mar-12		KEJ
<i>Acleris nivisellana</i>	OGEMAW: Preachers Barrens	14-Mar-12		KEJ
<i>Acleris nivisellana</i>	ALGER: Ready Lake Barrens	03-Oct-12		KEJ
<i>Acleris oxycoccana</i>	ARENAC: Lame Duck Truck Trail	15-Mar-12		KEJ
<i>Acleris oxycoccana</i>	Luce: Sleeper Lake Peatlands	08-Oct-12	09-Oct-12	KEJ

<i>Acleris ptychogrammos</i>	ARENAC: Lame Duck Truck Trail	15-Mar-12		KEJ
<i>Acleris schalleriana</i>	Cheboygan: Burt Lake	13-Mar-12		KEJ
GEOMETRIDAE				
<i>Archiearis infans</i> very early date	ARENAC: Lame Duck Truck Trail	16-Mar-12		KEJ
<i>Archiearis infans</i>	MACKINAC: Kenneth, Carp River, Moran, & Little Cut River	20-Mar-12	21-Mar-12	KEJ
<i>Archiearis infans</i>	EMMET: French Farm Lake	20-Mar-12		DRB
<i>Archiearis infans</i> 1 caught at 12:30 pm EDT, temp.in lower 50's F	KEWEENAW: Ojibway Road E of Hwy. 41	13-Apr-12		GJB
<i>Leucobrephos brephoides</i> common	Otsego: Turtle Creek	20-Mar-12		KEJ
<i>Eumacaria latiferrugata brunneata</i>	Houghton: E of Rice Lake	18-Jun-12		LAF
<i>Macaria truncataria</i>	MENOMINEE: Hanson Lake Peatland	13-May-12		KEJ
<i>Macaria truncataria</i>	Keweenaw: Isle Royale: Lake Ojibway & Moose Lake peatlands	08-Jun-12	09-Jun-12	KEJ
<i>Digrammia continuata</i>	Keweenaw: Eagle Harbor	14-Aug-12		LAF
<i>Tornos scolopacinaris</i>	VAN BUREN: Paw Paw	22-Mar-12		KEJ
<i>Eufidonia discospilata</i>	MENOMINEE: Hanson Lake Peatland	13-May-12		KEJ
<i>Eufidonia discospilata</i>	Keweenaw: Isle Royale: Lake Ojibway & Moose Lake peatlands	08-Jun-12	09-Jun-12	KEJ
<i>Phigalia strigataria</i>	Arenac: Lame Duck Truck Trail	15-Mar-12		KEJ
<i>Phigalia titea</i>	Arenac: Lame Duck Truck Trail	15-Mar-12		KEJ
<i>Lomographa semiclarata</i>	Houghton: Wetland 1.8 mi. N of Calumet	26-May-12		LAF
<i>Lomographa semiclarata</i>	Keweenaw: Isle Royale: Mt. Ojibway	09-Jun-12		KEJ
<i>Euchlaena irrorata</i>	Houghton: E of Rice Lake	18-Jun-12		LAF
<i>Metanema determinata</i>	Houghton: Electric Park Road	18-Jun-12		LAF
<i>Metanema inatomaria</i>	Houghton: E of Rice Lake	18-Jun-12		LAF
<i>Caripeta angustiorata</i>	Houghton: E of Rice Lake	24-Jul-12		LAF
<i>Besma endropiaria</i>	Keweenaw: Isle Royale: Scoville Point	09-Jun-12		KEJ
<i>Besma endropiaria</i>	Houghton: Electric Park Road	18-Jun-12		LAF
<i>Nepytia pellucidaria</i>	Houghton: E of Rice Lake	01-Oct-12		LAF
<i>Hethemia pistasciaria</i> very early date	GOGEBIC: Gogebic Station Bog	04-May-12		KEJ
<i>Hethemia pistasciaria</i>	MENOMINEE: Hanson Lake Peatland	13-May-12		KEJ
<i>Mesothea incertata</i>	Keweenaw: Isle Royale: Mt. Ojibway	09-Jun-12		KEJ
<i>Idaea dimidiata</i>	HOUGHTON: Electric Park Road	24-Jul-12		LAF
<i>Idaea dimidiata</i>	Keweenaw: Eagle Harbor	14-Aug-12		LAF
<i>Triphosa haesitata</i>	Alger: Sixteenmile Lake	02-Oct-12	04-Oct-12	KEJ
<i>Triphosa haesitata</i>	DELTA: Brampton	17-Oct-12		KEJ
<i>Orthonama obstipata</i> very early date	Chippewa: Trout Lake Peatlands	20-Mar-12		KEJ
<i>Hydrelia lucata</i>	Houghton: Electric Park Road	18-Jun-12		LAF
<i>Venusia comptaria</i>	Keweenaw: Eagle River (Garden City Rd.)	14-Apr-12		LAF
<i>Trichodezia albovittata</i>	Keweenaw: Isle Royale: Moskey Basin	07-Jun-12		KEJ
<i>Eupithecia ravocostaliata</i>	Keweenaw: Eagle River (Ferge backyard)	13-Apr-12		LAF
<i>Carsia sororiata</i> second MI record	CHIPPEWA: Trout Lake Peatlands	07-Jul-12		DRB
SATURNIIDAE				
<i>Antheraea polyphemus</i>	Keweenaw: Eagle River (Crestview Trail)	23-May-12		LAF
<i>Actias luna</i>	Keweenaw: Isle Royale: Rock Harbor	07-Jun-12		KEJ
SPHINGIDAE				
<i>Dolba hyloeus</i>	Mackinac: T41N, R4W, Sec. 27	23-Jun-12		MC1
<i>Sphinx canadensis</i>	Mackinac: T41N, R4W, Sec. 27	23-Jun-12		MC1
<i>Lapara bombycoides</i>	Houghton: E of Rice Lake	18-Jun-12		LAF
<i>Hemaris gracilis</i>	Keweenaw: Isle Royale: Moskey Basin	07-Jun-12		KEJ
<i>Darapsa choerilus</i>	Houghton: Big Traverse	18-Jun-12		LAF
NOTODONTIDAE				
<i>Heterocampa umbrata</i>	Keweenaw: Isle Royale: Rock Harbor & Scoville Point	07-Jun-12	09-Jun-12	KEJ
NOCTUIDAE				
<i>Megalographa biloba</i>	Marquette: McFarland Bog	12-May-12		KEJ
<i>Anagrapha falcifera</i>	Keweenaw: Isle Royale: SW of Lookout Louise	08-Jun-12		KEJ
<i>Syngrapha microgamma</i>	Baraga: Nestoria Bog	03-Jun-12		KEJ
<i>Syngrapha microgamma</i>	Marquette: North Sagola Swamp & Tanglefoot Lake Bog	03-Jun-12		KEJ

<i>Syngrapha microgamma</i>	Houghton: Big Traverse	18-Jun-12		LAF
<i>Lithacodia albidula</i>	Houghton: Electric Park Road	18-Jun-12		LAF
<i>Maliattha synochitis</i>	Houghton: Electric Park Road	18-Jun-12		LAF
<i>Tarachidia candefacta</i>	Houghton: Electric Park Road	24-Jul-12		LAF
<i>Cucullia omissa</i>	Keweenaw: Eagle River (Ferge backyard)	08-Jul-12		LAF
<i>Psaphida styracis</i>	Arenac: Lame Duck Truck Trail	15-Mar-12		KEJ
<i>Psaphida thaxteriana</i> also KEJ	Oakland: Bald Mountain SRA	16-Mar-12		DRB
<i>Heliothis borealis</i>	MARQUETTE: Diorite Bog	09-May-12		KEJ
<i>Callopietria cordata</i>	Houghton: Electric Park Road	18-Jun-12		LAF
<i>Balsa tristrigella</i>	Houghton: Electric Park Road	18-Jun-12		LAF
<i>Spodoptera frugiperda</i>	Delta: Brampton	17-Oct-12		KEJ
<i>Spodoptera ornithogalli</i>	Delta: Brampton & Shaawe Lake	01-Oct-12	17-Oct-12	KEJ
<i>Galgula partita</i>	Keweenaw: Isle Royale: Rock Harbor	07-Jun-12		KEJ
<i>Proxenus mendosa</i>	Houghton: Big Traverse	18-Jun-12		LAF
<i>Magusa divaricata</i>	DELTA: Brampton & Shaawe Lake	02-Sep-12	01-Oct-12	KEJ
<i>Magusa divaricata</i>	Houghton: Electric Park Rd. & E of Rice Lake	01-Oct-12		LAF
<i>Magusa divaricata</i>	ALGER: Sixteenmile Lake	04-Oct-12		KEJ
<i>Apamea unanimitis</i>	HOUGHTON: Electric Park Rd. & Big Traverse	18-Jun-12		LAF
<i>Papaipema appassionata</i>	Otsego: T29N, R2W, Sect. 14 & 18	20-Aug-12	23-Aug-12	MC1
<i>Papaipema arctivorens</i>	Otsego: T29N, R2W, Sect. 14 & 18	20-Aug-12	23-Aug-12	MC1
<i>Papaipema beeriana</i>	Otsego: T29N, R2W, Sect. 14 & 18	10-Sep-12	12-Sep-12	MC1
<i>Papaipema cataphracta</i>	Cass: T5S, R14W, Sect. 31	16-Oct-12	17-Oct-12	MC1
<i>Papaipema eupatorii</i>	Otsego: T29N, R2W, Sect. 14 & 18	10-Sep-12	12-Sep-12	MC1
<i>Papaipema eupatorii</i>	Cass: T5S, R14W, Sect. 31	16-Oct-12	17-Oct-12	MC1
<i>Papaipema impecuniosa</i>	Cass: T5S, R14W, Sect. 31	16-Oct-12	17-Oct-12	MC1
<i>Papaipema inquaesita</i>	Otsego: T29N, R2W, Sect. 14 & 18	10-Sep-12	12-Sep-12	MC1
<i>Papaipema inquaesita</i>	ALGER: Sixteenmile Lake	03-Oct-12		KEJ
<i>Papaipema inquaesita</i>	Cass: T5S, R14W, Sect. 31	16-Oct-12	17-Oct-12	MC1
<i>Papaipema pterisii</i>	Otsego: T29N, R2W, Sect. 14 & 18	20-Aug-12	12-Sep-12	MC1
<i>Papaipema unimoda</i>	Cass: T5S, R14W, Sect. 31	16-Oct-12	17-Oct-12	MC1
<i>Xylena cineritia</i> also DRB	OGEMAW: Preachers Barrens	14-Mar-12	19-Mar-12	KEJ
<i>Xylena cineritia</i>	Houghton: E of Rice Lake	14-Apr-12		LAF
<i>Xylena curvimacula</i>	LUCE: Sleeper Lake Peatlands	08-Oct-12		KEJ
<i>Xylena nupera</i>	OGEMAW: Preachers Barrens	19-Mar-12		KEJ
<i>Xylena thoracica</i> also KEJ	OGEMAW: Preachers Barrens	19-Mar-12		DRB
<i>Xylena thoracica</i>	Chippewa: Trout Lake Peatlands	20-Mar-12		KEJ
<i>Xylena thoracica</i>	Houghton: E of Rice Lake	14-Apr-12	01-Oct-12	LAF
<i>Xylena thoracica</i>	LUCE: Sleeper Lake Peatlands	08-Oct-12		KEJ
<i>Homoglaea hircina</i>	OGEMAW: Preachers Barrens	14-Mar-12	19-Mar-12	KEJ
<i>Homoglaea hircina</i>	ARENAC: Lame Duck Truck Trail	15-Mar-12		KEJ
<i>Litholomia napaea</i>	Mackinac: Kenneth	20-Mar-12		KEJ
<i>Litholomia napaea</i> also KEJ	Chippewa: Trout Lake Peatlands	20-Mar-12		DRB
<i>Lithophane adipel</i> also KEJ	Chippewa: Trout Lake Peatlands	20-Mar-12		DRB
<i>Lithophane amanda</i>	OGEMAW: Preachers Barrens	14-Mar-12		KEJ
<i>Lithophane amanda</i> also KEJ	Chippewa: Trout Lake Peatlands	20-Mar-12		DRB
<i>Lithophane amanda</i>	Otsego: T29N, R2W, Sect. 14 & 18	10-Sep-12	12-Sep-12	MC1
<i>Lithophane amanda</i>	Delta: Brampton	17-Oct-12		KEJ
<i>Lithophane antennata</i>	Otsego: T29N, R2W, Sect. 14 & 18	10-Sep-12	12-Sep-12	MC1
<i>Lithophane baileyi</i>	DELTA: Brampton	17-Oct-12		KEJ
<i>Lithophane disposita</i>	ARENAC: Lame Duck Truck Trail	15-Mar-12		KEJ
<i>Lithophane disposita</i>	Mackinac: Kenneth	20-Mar-12		KEJ
<i>Lithophane disposita</i>	Chippewa: Trout Lake Peatlands	20-Mar-12		KEJ
<i>Lithophane fagina</i>	ARENAC: Lame Duck Truck Trail	15-Mar-12		KEJ
<i>Lithophane fagina</i>	Chippewa: Trout Lake Peatlands	20-Mar-12		KEJ
<i>Lithophane fagina</i>	Mackinac: Kenneth	20-Mar-12		KEJ

Lithophane fagina	Houghton: E of Rice Lake	14-Apr-12		LAF
Lithophane fagina	Otsego: T29N, R2W, Sect. 14 &18	10-Sep-12	12-Sep-12	MC1
Lithophane fagina	LUCE: Sleeper Lake Peatlands	08-Oct-12		KEJ
Lithophane georgii also KEJ	Chippewa: Trout Lake Peatlands	20-Mar-12		DRB
Lithophane grotei	Otsego: T29N, R2W, Sect. 14 &18	10-Sep-12	12-Sep-12	MC1
Lithophane patefacta	ARENAC: Lame Duck Truck Trail	15-Mar-12		KEJ
Lithophane patefacta	Mackinac: Kenneth	20-Mar-12		KEJ
Lithophane pexata	Arenac: Lame Duck Truck Trail	15-Mar-12		KEJ
Lithophane pexata	Houghton: E of Rice Lake	14-Apr-12		LAF
Lithophane pexata	Alger: Ready Lake Barrens	03-Oct-12		KEJ
Lithophane semiusta	ARENAC: Lame Duck Truck Trail	15-Mar-12		KEJ
Lithophane semiusta	ALGER: Ready Lake Barrens	03-Oct-12		KEJ
Lithophane tepida common at bait; one tippling on Prunus pensylvanica buds at night	OGEMAW: Preachers Barrens	14-Mar-12	19-Mar-12	KEJ
Lithophane tepida	ARENAC: Lame Duck Truck Trail	15-Mar-12		KEJ
Lithophane tepida	Mackinac: Kenneth	20-Mar-12		KEJ
Lithophane thaxteri	Chippewa: Trout Lake Peatlands	20-Mar-12		KEJ
Lithophane thaxteri	Houghton: E of Rice Lake	14-Apr-12	01-Oct-12	LAF
Lithophane thaxteri	ALGER: Sixteenmile Lake	04-Oct-12		KEJ
Lithophane thujae also DRB; ex. rotten banana-brown sugar bait trail	MACKINAC: Kenneth	20-Mar-12		KEJ
Lithophane thujae	Otsego: T29N, R2W, Sect. 14 &18	10-Sep-12	12-Sep-12	MC1
Pyreferra hesperidago	OGEMAW: Preachers Barrens	14-Mar-12	19-Mar-12	KEJ
Pyreferra pettiti	ARENAC: Lame Duck Truck Trail	15-Mar-12		KEJ
Eupsilia devia	ARENAC: Lame Duck Truck Trail	15-Mar-12		KEJ
Eupsilia devia	Chippewa: Trout Lake Peatlands	20-Mar-12		KEJ
Eupsilia devia	Mackinac: Kenneth	20-Mar-12		KEJ
Eupsilia morrisoni	Mackinac: Kenneth	20-Mar-12		KEJ
Eupsilia morrisoni	Luce: Sleeper Lake Peatlands	08-Oct-12		KEJ
Eupsilia sidus	CHIPPEWA: Trout Lake Peatlands	20-Mar-12		KEJ
Eupsilia sidus	DELTA: Schaawe Lake Barrens	01-Oct-12		KEJ
Eupsilia tristigmata	Mackinac: Kenneth	20-Mar-12		KEJ
Eupsilia tristigmata	Alger: Ready Lake Barrens	03-Oct-12		KEJ
Eupsilia tristigmata	Luce: Sleeper Lake Peatlands	08-Oct-12		KEJ
Eupsilia vinulenta	Mackinac: Kenneth	20-Mar-12		KEJ
Eupsilia vinulenta	Alger: Ready Lake Barrens	03-Oct-12	04-Oct-12	KEJ
Sericaglaea signata absurdly early and northerly record	CHIPPEWA: Trout Lake Peatlands	20-Mar-12		KEJ
Xystopeplus rufago	OGEMAW: Preachers Barrens	14-Mar-12		KEJ
Epiglaea decliva	DELTA: Brampton	17-Oct-12		KEJ
Chaetoglaea sericea	DELTA: Brampton & Shaawe Lake	01-Oct-12	17-Oct-12	KEJ
Mniotype tenera 2 specimens at UV light	Keweenaw: Isle Royale: Scoville Point	09-Jun-12		KEJ
Orthosia hibisci very early date	Chippewa: Trout Lake Peatlands	20-Mar-12		KEJ
Sideridis maryx	Houghton: E of Rice Lake	18-Jun-12		LAF
Melanchra adjuncta	Houghton: Electric Park Road	18-Jun-12		LAF
Melanchra assimilis	Houghton: Big Traverse	18-Jun-12		LAF
Melanchra pulverulenta	Houghton: Big Traverse	18-Jun-12		LAF
Papestra quadrata	Houghton: E of Rice Lake	18-Jun-12		LAF
Coranarta luteola	Gogebic: Redboat Lake Bog	04-May-12		KEJ
Coranarta luteola	Marquette: Diorite & McFarland bogs	09-May-12	12-May-12	KEJ
Coranarta luteola	MENOMINEE: Hanson Lake Peatland	13-May-12		KEJ
Mythimna unipuncta very early date	Chippewa: Trout Lake Peatlands	20-Mar-12		KEJ
Mythimna unipuncta	Keweenaw: Phoenix (Crestview Trail)	14-Apr-12		GJB
Mythimna unipuncta	Keweenaw: Eagle River (Garden City Rd.)	14-Apr-12		LAF
Mythimna unipuncta	Keweenaw: Isle Royale: Scoville Point	09-Jun-12		KEJ
Lacinipolia anguina	Keweenaw: Isle Royale: Scoville Point	09-Jun-12		KEJ

Peridroma saucia very early date	Chippewa: Trout Lake Peatlands	20-Mar-12		KEJ
Peridroma saucia	Keweenaw: Phoenix (Crestview Trail)	14-Apr-12		GJB
Peridroma saucia	Keweenaw: Isle Royale: Rock Harbor	07-Jun-12		KEJ
Euxoa divergens	Houghton: Big Traverse	18-Jun-12		LAF
Agrotis ipsilon at bait 14 April, numerous individuals washed up on beach after cold and snow on 16 April (LAF)	Keweenaw: Phoenix & Eagle River (Lake Superior Beach)	14-Apr-12	16-Apr-12	GJB
Cerastis fishii	HOUGHTON: E of Rice Lake	14-Apr-12		LAF
EREBIDAE				
Crambidia casta	Keweenaw: Eagle Harbor	14-Aug-12		LAF
Holomelina ferruginosa	Houghton: E of Rice Lake	24-Jul-12		LAF
Grammia parthenice	Houghton: E of Rice Lake	24-Jul-12		LAF
Grammia virguncula	Houghton: Electric Park Road	18-Jun-12		LAF
Arctia caja	Houghton: E of Rice Lake	24-Jul-12		LAF
Pyrrharctia isabella	Houghton: Electric Park Road	18-Jun-12		LAF
Spilosoma dubia	Keweenaw: Isle Royale: Moose Lake Peatland	08-Jun-12		KEJ
Spilosoma dubia	Houghton: Big Traverse	18-Jun-12		LAF
Haploa confusa	Keweenaw: Eagle River (Ferge backyard)	08-Jul-12		LAF
Cycnia oregonensis	Houghton: Electric Park Road	18-Jun-12		LAF
Cycnia tenera	Houghton: Electric Park Road	18-Jun-12		LAF
Platarctia parthenos	Houghton: Big Traverse	18-Jun-12		LAF
Platarctia parthenos	Mackinac: T41N, R4W, Sec. 27	23-Jun-12		MC1
Hyphenodes sombrus	Houghton: Electric Park Road	24-Jul-12		LAF
Hyphenodes sombrus	Keweenaw: Eagle Harbor	14-Aug-12		LAF
Zanclognatha pedipilalis	Houghton: Electric Park Road	18-Jun-12		LAF
Renia sobrialis	Houghton: E of Rice Lake	24-Jul-12		LAF
Hypena baltimoralis	Houghton: Electric Park Road	18-Jun-12		LAF
Hypena scabra hibernating under bark	Ionia: Portland SGA	12-Jan-12		KEJ
Hypena scabra	Keweenaw: Isle Royale: Rock Harbor	07-Jun-12		KEJ
Lomanaltes eductalis	Houghton: Electric Park Road	18-Jun-12		LAF
Drasteria adumbrata	KEWEENAW: Isle Royale: Mt. Ojibway	09-Jun-12		KEJ
Argyrostromis anilis	Houghton: Electric Park Road	18-Jun-12		LAF
Catocala amatrix	Kent: Grand Rapids	11-Aug-12		MC1
Catocala badia coelebs	Mackinac: T41N, R4W, Sec. 22	20-Jul-12	22-Jul-12	MC1
Catocala badia coelebs	Otsego: T29N, R2W, Sect. 14 & 18	20-Aug-12	23-Aug-12	MC1
Catocala blandula	Otsego: T29N, R2W, Sect. 14 & 18	20-Aug-12	23-Aug-12	MC1
Catocala briseis	Mackinac: T41N, R4W, Sec. 22	22-Jul-12		MC1
Catocala briseis	Otsego: T29N, R2W, Sect. 14 & 18	20-Aug-12	23-Aug-12	MC1
Catocala concumbens	Mackinac: T41N, R4W, Sec. 22	12-Aug-12		MC1
Catocala crataegi early date; ex larvae beaten from Crataegus sp. on 5 May 2012	Kalamazoo: T2S, R10W, Sec. 26	28-May-12		MC1
Catocala innubens early date; ex larvae beaten from honey locust on 5 May 2012	Kalamazoo: T2S, R10W, Sec. 26	10-Jun-12	12-Jun-12	MC1
Catocala lacrymosa collected by Wayne Miller	St. Joseph: T8S, R12W, Sec. 16	04-Aug-12		MC1
Catocala nebulosa	St. Joseph: T8S, R12W, Sec. 16	03-Aug-12		MC1
Catocala relicta	Mackinac: T41N, R4W, Sec. 22	12-Aug-12		MC1
Catocala relecta	St. Joseph: T8S, R12W, Sec. 16	03-Aug-12		MC1
Catocala sordida	Houghton: E of Rice Lake	24-Jul-12		LAF
Catocala sordida	Otsego: T29N, R2W, Sect. 14 & 18	20-Aug-12	23-Aug-12	MC1
Catocala subnata	St. Joseph: T8S, R12W, Sec. 16	03-Aug-12		MC1
Catocala vidua	St. Joseph: T8S, R12W, Sec. 16	24-Aug-12		MC1
NOLIDAE				
Nycteola frigidana	Keweenaw: Eagle River (Garden City Rd.)	14-Apr-12		LAF

MINNESOTA

MacLean reported that 2012 was an exceptional weather year in Minnesota. Following one of the warmest winters on record, hundreds of high temperature and warm low temperature records were set across Minnesota on numerous dates. Spring temperatures were the warmest on record, and greatly advanced the butterfly season in northeast Minnesota. Many migrants arrived in May and June. Above-average temperatures continued throughout the summer. Persistent low precipitation and drought conditions were interrupted by periods of very heavy precipitation in May and June, with a return to drought conditions over much of the state from July onward. Weber noted that winter 2011-12 produced the least snowfall in 19 years. Early warmth caused overwintering butterflies to be on the wing by 16 March. April was cooler. It was a very good year for immigrants from the south. Monarchs arrived very early, before almost any milkweed had emerged. By the third week of July, adult Monarch population had peaked for the year, with almost no sign of a migratory generation like the large, long one in 2011. Grass skipper numbers continued to be down, and were later by a week or more than usual. *Pieris rapae* numbers were way down after the bumper crop in 2011. Johnson found spring extremely advanced in the north and reported an abundance of early records and southern strays. Southern migrants such as *Periodroma saucia* and *Mythimna unipuncta* were already abundant by May. *Junonia coenia* was virtually ubiquitous in the northern tier of counties, and unexpected species such as *Nathalis iole* and *Eurema lisa* even showed up. Drought hit particularly hard in northwest MN in late summer, and may have caused unusual western species such as *Dargida procinctus* to appear. Moth abundance was good throughout the season, even in the droughty northwest.

Butterflies

HESPERIIDAE

<i>Epargyreus clarus</i>	Cass: Oak Point	05-Jun-12	19-Jul-12	ASB
<i>Erynnis icelus</i>	Cass: Oak Point	02-May-12	03-May-12	ASB
<i>Erynnis icelus</i>	Cook: Gunflint Trail; Golden Eagle Lodge; FR 152 & 315	14-May-12	16-Jun-12	DBM
<i>Erynnis juvenalis</i>	Cass: Oak Point	20-May-12	12-Jun-12	ASB
<i>Pyrgus communis</i>	Hubbard: Shingobee Lake	18-May-12	26-Aug-12	DH4
<i>Pyrgus communis</i>	Lake: McNair	19-May-12		KEJ
<i>Pyrgus communis</i>	Cass: Oak Point	28-May-12	01-Oct-12	ASB
<i>Carterocephalus palaemon</i>	Cass: Oak Point	27-May-12	25-Jun-12	ASB
<i>Carterocephalus palaemon</i>	Cook: Snowmobile trail W of Co. Rd. 62	05-Jun-12	27-Jun-12	DBM
<i>Ancyloxypha numitor</i>	Hubbard: Shingobee Lake	12-Jun-12	04-Sep-12	DH4
<i>Thymelicus lineola</i> thousands nectaring on daisies	Cass: Highway 371	18-Jun-12	02-Jul-12	ASB
<i>Thymelicus lineola</i>	Hubbard: Shingobee Lake	21-Jun-12	24-Jun-12	DH4
<i>Thymelicus lineola</i>	Cook: Junco Creek Rd. near Binagami Lake; FR 324	07-Jul-12	24-Jul-12	DBM
<i>Hylephila phyleus</i>	Hubbard: Shingobee Lake	05-Aug-12	14-Sep-12	KEJ
<i>Hylephila phyleus</i>	Hubbard: Shingobee Lake	05-Aug-12	14-Sep-12	DH4
<i>Hylephila phyleus</i>	HUBBARD: Akely Twp.	06-Aug-12	20-Aug-12	JWJ
<i>Hesperia comma laurentina</i>	Cook: Junco Creek Rd. near Binagami Lake; FR 324	22-Jul-12	14-Aug-12	DBM
<i>Hesperia sassacus</i>	Hubbard: Shingobee Lake	28-May-12	26-Jun-12	DH4
<i>Hesperia sassacus</i>	Hubbard: Shingobee Lake	28-May-12	26-Jun-12	KEJ
<i>Hesperia sassacus</i>	Cook: 237 Co. Rd 4 (Caribou Trail)	15-Jun-12	15-Jun-12	DBM
<i>Atalopedes campestris</i> nectaring on daisy	Cass: Oak Point	07-Jun-12	08-Jun-12	ASB
<i>Polites mystic</i>	Cook: Junco Creek Rd. near Binagami Lake	06-Jun-12	07-Jul-12	DBM
<i>Polites mystic</i>	Hubbard: Shingobee Lake	09-Jun-12	09-Jul-12	DH4
<i>Polites origenes</i>	Hubbard: Shingobee Lake	05-Aug-12		DH4
<i>Polites peckius</i>	Hubbard: Shingobee Lake	24-Jun-12	07-Jul-12	DH4
<i>Polites themistocles</i>	Cook: Junco Creek Rd. near Binagami Lake; FR 324	14-May-12	22-Jul-12	DBM
<i>Polites themistocles</i>	Hubbard: Shingobee Lake	22-May-12	10-Jul-12	DH4
<i>Wallengrenia egeremet</i>	Hubbard: Shingobee Lake	24-Jun-12	19-Jul-12	DH4
<i>Wallengrenia egeremet</i>	Scott: Minnesota Valley NWR, Louisville Swamp Unit	04-Jul-12		TJ
<i>Wallengrenia egeremet</i>	Kittson: Caribou WMA	22-Jul-12		KEJ
<i>Pompeius verna</i>	Hubbard: Shingobee Lake	18-Jun-12	17-Jul-12	DH4
<i>Anatrytone logan</i>	Hubbard: Shingobee Lake	24-Jun-12	19-Jul-12	DH4
<i>Poanes hobomok</i>	Hubbard: Shingobee Lake	17-May-12	04-Jul-12	DH4
<i>Poanes hobomok</i>	Cook: Junco Creek Rd. near Binagami Lake; FR 304	10-Jun-12	11-Jun-12	DBM
<i>Poanes massasoit</i>	Anoka: Carlos Avery Wildlife Management Area	02-Jul-12		TJ
<i>Poanes viator</i>	Anoka: Carlos Avery Wildlife Management Area	02-Jul-12		TJ
<i>Poanes viator</i>	Cass: Oak Point	07-Jul-12	25-Jul-12	ASB
<i>Poanes viator</i>	Hubbard: Shingobee Lake	17-Jul-12		DH5
<i>Euphyes conspicua</i>	Anoka: Carlos Avery Wildlife Management Area	02-Jul-12		TJ
<i>Euphyes dion</i>	Anoka: Carlos Avery Wildlife Management Area	02-Jul-12		TJ
<i>Euphyes dion</i>	Hubbard: Shingobee Lake	03-Jul-12	19-Jul-12	DH4
<i>Euphyes dion</i>	KOOCHICHING: North Black River Peatland	24-Jul-12		KEJ

Euphyes vestris	Hubbard: Shingobee Lake	24-Jun-12	28-Jul-12	DH4
PAPILIONIDAE				
Papilio canadensis	Cook: Junco Creek Rd.; Carabou Trail; Devil track Lake.	14-May-12	07-Jul-12	DBM
Papilio canadensis unusual late date, possible second brood?	Hubbard: Nevis Twp.	10-Sep-12		JWJ
Papilio cresphontes confirmed from photos by Marshall Howe	Hubbard: Lake Emma Twp.	21-May-12		JWJ
Papilio cresphontes	Hubbard: Shingobee Lake	17-Aug-12		DH4
Papilio polyxenes	Cass: Oak Point	08-May-12	09-Sep-12	ASB
Papilio polyxenes a full month early	Hubbard: Mantrap & Akely Twps.	18-May-12	03-Aug-12	JWJ
PIERIDAE				
Pontia occidentalis	Roseau: Marvin Lake	21-Jul-12		KEJ
Pieris oleracea	Cass: Oak Point	05-May-12	06-Jul-12	ASB
Pieris oleracea	Cook: FR 332 (Mistletoe)	15-Jun-12		DBM
Pieris rapae	Cook: Walter Rd. (Devil Track Lake)	16-Jul-12		DBM
Euchloe ausonides	Cook: Cook Co. Rd. 12 Kekekabic Trailhead	14-May-12		DBM
Colias eurytheme	Cass: Oak Point	02-May-12	01-Oct-12	ASB
Colias eurytheme	Cook: FR 152 (Lima Mt. Rd.); Junco Creek Rd.	12-May-12	16-Sep-12	DBM
Colias interior	Hubbard: Nevis Twp.	02-May-12	03-Jul-12	JWJ
Colias interior	Cass: Oak Point	18-Jun-12	03-Jul-12	ASB
Colias interior	Cook: Junco Creek Rd. near Binagami Lake	02-Jul-12	20-Jul-12	DBM
Colias philodice	Hubbard: Badoura & Akely Twps.	02-May-12	13-Sep-12	JWJ
Colias philodice	Cook: Devil Track Lake; Junco Cfreek Rd.	05-May-12	01-Sep-12	DBM
Pyrristia lisa	Cass: Oak Point	09-Jun-12	02-Jul-12	ASB
Pyrristia lisa	Kittson: Caribou WMA	22-Jul-12		KEJ
Nathalis iole	St. Louis: Ash River Trail	21-May-12		KEJ
Nathalis iole nectaring on clover	Cass: Oak Point	16-Jul-12		ASB
LYCAENIDAE				
Feniseca tarquinius	Cass: Oak Point	07-May-12	16-Jul-12	ASB
Feniseca tarquinius	Cook: FR 324 off FR 152 (Pine Mtn. Rd.)	24-Jul-12	24-Jul-12	DBM
Lycaena dione	Scott: Minnesota Valley NWR, Louisville Swamp Unit	04-Jul-12		TJ
Lycaena dorcas	Cook: FR 315 near Bow Lake Rd. near black spruce bog	09-Jul-12	09-Jul-12	DBM
Lycaena dorcas	Kittson: Caribou WMA	22-Jul-12		KEJ
Lycaena epixanthe	Cass: Oak Point	10-Jun-12	18-Jun-12	ASB
Lycaena helloides	Hubbard: Shingobee Lake	12-Jun-12	07-Aug-12	DH4
Lycaena hyllus nectaring on daisies	Cass: Oak Point	11-Jun-12	09-Jul-12	ASB
Lycaena hyllus	Hubbard: Shingobee Lake	21-Jun-12	24-Jun-12	DH4
Lycaena phlaeas	Hubbard: Shingobee Lake	22-May-12	11-Jul-12	DH4
Satyrrium acadica	Cass: Oak Point	07-Jul-12	22-Jul-12	ASB
Satyrrium calanus One individual nectaring at dogbane	Scott: Minnesota Valley NWR, Louisville Swamp Unit	04-Jul-12		TJ
Satyrrium edwardsii	Cass: Oak Point	16-Jul-12		ASB
Satyrrium liparops nectaring on sweet clover	Cass: Nary Road	02-Jul-12		ASB
Satyrrium titus	Scott: Minnesota Valley NWR, Louisville Swamp Unit	04-Jul-12		TJ
Satyrrium titus nectaring on sweet clover	Cass: Nary Road	09-Jul-12	10-Jul-12	ASB
Callophrys augustinus nectaring on Labrador Tea	Beltrami: Bemidji State Park	12-May-12		ASB
Callophrys augustinus	Cook: FR 152 (Lima Mt. Rd.); Golden Eagle Lodge	12-May-12		DBM
Callophrys augustinus	Cass: Oak Point	15-May-12	22-May-12	ASB
Callophrys augustinus	Hubbard: Badoura & Akely Twps.	14-Jun-12		JWJ
Callophrys eryphon	Hubbard: N of Kebekona Corner	10-May-12		ASB
Callophrys eryphon	St. Louis: Ash River Trail	21-May-12		KEJ
Callophrys nippon	Cass: Oak Point	24-Apr-12	05-Jun-12	ASB
Callophrys nippon	Cook: Junco Creek Rd. near Binagami Lake	10-May-12		DBM
Callophrys polios	HUBBARD: Badoura Twp.	30-Apr-12	25-May-12	JWJ
Callophrys polios	Cass: Oak Point	05-May-12		ASB

Calophrys polios hundreds seen in blueberry patch	Hubbard: N of Kebekona Corner	10-May-12		ASB
Strymon melinus	Hubbard: Mantrap & Akely Twps.	02-Jun-12	27-Aug-12	JWJ
Strymon melinus	Cass: Oak Point	10-Jun-12	03-Sep-12	ASB
Cupido amyntula	Cass: Oak Point	03-May-12	20-Jul-12	ASB
Cupido amyntula	Pine: Sturgeon Lake	04-Jun-12		KEJ
Cupido comyntas	Hubbard: Mantrap & Akely Twps.	07-May-12	13-Sep-12	JWJ
Cupido comyntas	Cass: Oak Point	14-May-12	09-Sep-12	ASB
Celastrina lucia	Cass: Oak Point	03-Apr-12	05-Jun-12	ASB
Celastrina lucia	Cook: Walter Rd.; FR 152, 315; Junco Creek Rd.	03-May-12	04-Jun-12	DBM
Celastrina neglecta	Cass: Oak Point	02-Jul-12	19-Jul-12	ASB
Glaucopsyche lygdamus on damp dirt road, on scat, and strawberry blossoms	Cass: Oak Point	24-Apr-12	31-May-12	ASB
Plebejus idas nabokovi	Cook: Junco Creek Rd. near Binagami Lake	16-Jun-12	07-Jul-12	DBM
Plebejus saepiolus	Cook: Junco Creek Rd. near Binagami Lake	10-Jun-12	07-Jul-12	DBM
NYMPHALIDAE				
Libytheana carinenta One individual imbibing moisture at mud	Anoka: Carlos Avery Wildlife Management Area	02-Jul-12		TJ
Libytheana carinenta	Scott: Minnesota Valley NWR, Louisville Swamp Unit	04-Jul-12		TJ
Danaus plexippus	Cass: Oak Point	09-May-12	15-Sep-12	ASB
Danaus plexippus earliest arrival by one week, but low numbers after 3rd week of July	Hubbard: Nevis & Mantrap Twps.	10-May-12	02-Oct-12	JWJ
Danaus plexippus Large numbers of adults seen but very poor larval survival on common and swamp milkweed.	Cook: many localities in county	12-May-12	26-Aug-12	DBM
Lethe anthedon	Hubbard: Shingobee Lake	11-Jun-12	24-Jul-12	DH4
Lethe anthedon	Cass: Oak Point	16-Jun-12	10-Jul-12	ASB
Lethe anthedon	Cook: FR 324; Devil Track .; Walter Rd.; Junco Creek Rd.	26-Jun-12	20-Jul-12	DBM
Lethe eurydice	Hubbard: Shingobee Lake	18-Jun-12	17-Jul-12	DH4
Lethe eurydice	Cass: Oak Point	20-Jun-12	15-Jul-12	ASB
Coenonympha tullia inornata	Hubbard: Shingobee Lake	06-Jun-12	03-Jul-12	DH4
Coenonympha tullia inornata scarce, only five seen all season	Cass: Oak Point	09-Jun-12	26-Jul-12	ASB
Cercyonis pegala	Hubbard: Shingobee Lake	02-Jul-12	19-Aug-12	DH4
Cercyonis pegala nephele	Cass: Oak Point	03-Jul-12	15-Jul-12	ASB
Erebia discoidalis late in flight period	St. Louis: many sites in central part of county	16-May-12	18-May-12	KEJ
Erebia discoidalis end of flight	Lake: McNair	19-May-12		KEJ
Erebia mancinus extreme early record	St. Louis: Cadotte Lake	18-May-12	31-May-12	KEJ
Erebia mancinus	Lake: McNair to Nip Creek	25-May-12	01-Jun-12	KEJ
Erebia mancinus	Cook: Edge of black spruce bog 0.5 mi. SE of CR 66	31-May-12	13-Jun-12	DBM
Erebia mancinus many males puddling on road	Cook: Flour Lake Bog	05-Jun-12		KEJ
Megisto cymela	Hubbard: Shingobee Lake	04-Jun-12	05-Jul-12	DH4
Megisto cymela	Cass: Oak Point	07-Jun-12	28-Jun-12	ASB
Oeneis jutta ascerta uncommon across region this year	Lake: Nip Creek	25-May-12		KEJ
Oeneis jutta ascerta also J. Baumann	Cook: Black spruce bog along Junco Creek Rd.	06-Jun-12	13-Jun-12	DBM
Oeneis macounii	Lake: Nip Creek	25-May-12		KEJ
Oeneis macounii also Bob & Merla Borth	St. Louis: Lookout Mountain	30-May-12		KEJ
Oeneis macounii fresh males; not found at sites farther inland this day	Cook: Lookout Mountain	05-Jun-12		KEJ
Oeneis macounii	Cook: FR 152, 315; Golden Eagle Lodge; Junco Creek Rd.	13-Jun-12	16-Jun-12	DBM
Euptoieta claudia	Hubbard: N of Kebekona Corner	10-May-12		ASB
Euptoieta claudia observed oviposition in garden and second brood produced	Cass: Oak Point	15-May-12	22-Aug-12	ASB
Euptoieta claudia	Hubbard: Shingobee Lake	21-May-12	27-Aug-12	DH4
Speyeria aphrodite	Hubbard: Shingobee Lake	05-Jul-12	29-Aug-12	DH4
Speyeria aphrodite	Cass: Oak Point	07-Jul-12	10-Jul-12	ASB
Speyeria aphrodite	Cook: Junco Creek Rd. near Binagami Lake	07-Jul-12		DBM

<i>Speyeria atlantis</i>	Cook: Junco Creek Rd. near Binagami Lake; FR 315, 324	11-Jun-12	24-Aug-12	DBM
<i>Speyeria atlantis</i>	Hubbard: Shingobee Lake	15-Jun-12	13-Aug-12	DH4
<i>Speyeria atlantis</i>	Cass: Oak Point	23-Jun-12	23-Jul-12	ASB
<i>Speyeria cybele</i>	Cass: Oak Point	15-Jun-12	03-Sep-12	ASB
<i>Speyeria cybele</i>	Hubbard: Shingobee Lake	21-Jun-12	19-Aug-12	DH4
<i>Speyeria cybele</i>	Cook: Junco Creek Rd. near Binagami Lake.	07-Jul-12	20-Jul-12	DBM
<i>Speyeria idalia</i>	Scott: Minnesota Valley NWR, Louisville Swamp Unit	04-Jul-12		TJ
<i>Boloria selene</i>	Hubbard: Shingobee Lake	22-May-12	07-Jun-12	DH4
<i>Boloria selene</i>	Cass: Oak Point	28-May-12	19-Aug-12	ASB
<i>Boloria bellona</i>	Hubbard: Shingobee Lake	09-May-12	01-Sep-12	DH4
<i>Boloria bellona</i> nectaring on daisies, black-eyed susans and purple asters	Cass: Oak Point	09-May-12	03-Sep-12	ASB
<i>Boloria bellona</i>	Cook: Junco Creek Rd. near Binagami Lake; FR 315, 324	21-May-12	24-Jul-12	DBM
<i>Boloria chariclea grandis</i>	St. Louis: many sites in central part of county	18-Jul-12	18-Aug-12	KEJ
<i>Boloria chariclea grandis</i>	Cook: FR 315 S of Bow L. Rd.; Junco Creek Rd.	19-Jul-12	24-Jul-12	DBM
<i>Boloria eunomia dawsoni</i> late in flight period	St. Louis: Lola Lake & Little Lilian Lake peatlands	12-Jun-12	13-Jun-12	KEJ
<i>Boloria freija</i> late in flight period	St. Louis: many sites in central part of county	16-May-12	31-May-12	KEJ
<i>Boloria freija</i>	Lake: McNair	19-May-12		KEJ
<i>Boloria frigga</i> already common on 5/16	St. Louis: Lola Lake, Ely Lake, & Cadotte Lake peatlands	16-May-12	31-May-12	KEJ
<i>Limnitis archippus</i> nectaring on Joe-Pye-Weed	Cass: Oak Point	06-Jun-12	03-Sep-12	ASB
<i>Limnitis arthemis</i> longest season in 20 years	Hubbard: Mantrap Twp.	19-May-12	12-Sep-12	JWJ
<i>Limnitis arthemis</i> abundant, 122 seen on 10 June	Cass: Oak Point	04-Jun-12	30-Jul-12	ASB
<i>Limnitis arthemis</i>	Cook: Junco Creek Rd. near Binagami Lake	21-Jun-12	21-Jun-12	DBM
<i>Limnitis arthemis</i>	Anoka: Carlos Avery Wildlife Management Area	02-Jul-12		TJ
<i>Vanessa atalanta</i> large numbers present	Hubbard: Mantrap Twp.	12-Apr-12	12-Sep-12	JWJ
<i>Vanessa atalanta</i>	Cass: Oak Point	14-Apr-12	08-Oct-12	ASB
<i>Vanessa atalanta</i> adults feeding on birch sap 5 May; female ovipositing on <i>Anaphalis margaritacea</i> 12 May	Cook: many localities in county	02-May-12	15-Sep-12	DBM
<i>Vanessa cardui</i>	Cass: Oak Point	07-May-12	25-Sep-12	ASB
<i>Vanessa cardui</i>	Cook: Mort Meadows Rd.	28-Jul-12	28-Jul-12	DBM
<i>Vanessa virginiensis</i>	Cass: Oak Point	05-May-12	09-Sep-12	ASB
<i>Vanessa virginiensis</i> larvae found on <i>Anaphalis margaritacea</i>	Cook: many localities in county	10-May-12	20-Jul-12	DBM
<i>Aglais milberti</i>	Cass: Oak Point	01-Apr-12	25-Sep-12	ASB
<i>Aglais milberti</i>	Cook: Junco Creek Rd nr Binagami Lake; Devil Track Rd	03-May-12	21-Jul-12	DBM
<i>Nymphalis antiopa</i>	Cass: Oak Point	01-Apr-12	25-Sep-12	ASB
<i>Nymphalis antiopa</i>	Cook: many localities in county	07-Apr-12	16-Sep-12	DBM
<i>Nymphalis l-album</i>	Hubbard: Mantrap & Akely Twps.	16-Mar-12	13-Sep-12	JWJ
<i>Nymphalis l-album</i>	Cass: Oak Point	17-Mar-12	30-Sep-12	ASB
<i>Nymphalis l-album</i> overwintered in garage 5 April; nectaring on pin cherry 19 May	Cook: Walter Rd.; FR 152, 315; Junco Creek Rd.	05-Apr-12	26-Aug-12	DBM
<i>Polygonia comma</i>	Hubbard: Mantrap Twp.	16-Mar-12	15-Jul-12	JWJ
<i>Polygonia comma</i>	Cass: Oak Point	01-Apr-12	25-Apr-12	ASB
<i>Polygonia faunus</i>	Beltrami: Bemidji State Park	24-Apr-12	12-May-12	ASB
<i>Polygonia faunus</i>	Hubbard: Nevis Twp.	03-May-12	15-Jul-12	JWJ
<i>Polygonia faunus</i>	Cook: FR 152 (Lima Mt. Rd.)	12-May-12	01-Sep-12	DBM
<i>Polygonia interrogationis</i> last 2012 was over two months earlier than last sighting in 2011	Hubbard: Mantrap & Akely Twps.	24-Mar-12	03-Aug-12	JWJ
<i>Polygonia interrogationis</i>	Cook: Walter Rd.; Junco Creek Rd. near Binagami Lake	19-May-12	13-Jul-12	DBM
<i>Polygonia interrogationis</i> common	Lake: McNair	19-May-12		KEJ
<i>Polygonia interrogationis</i>	Cass: Oak Point	22-May-12	06-Jul-12	ASB
<i>Polygonia progne</i>	Cass: Oak Point	03-Apr-12	26-Aug-12	ASB
<i>Polygonia progne</i> feeding on birch sap 3-5 May	Cook: Walter Rd.; FR 152, 1355; Junco Creek Rd.	03-May-12	15-Sep-12	DBM

Junonia coenia earliest by six weeks	Hubbard: Akely Twp.	17-May-12	03-Aug-12	JWJ
Junonia coenia	St. Louis: many sites in central part of county	18-May-12		KEJ
Junonia coenia	Cass: Oak Point	18-May-12	02-Sep-12	ASB
Junonia coenia	Lake: McNair	19-May-12		KEJ
Junonia coenia	Cook: Trail W of Co. Rd. 62; Junco Creek Rd.	03-Jun-12	20-Jul-12	DBM
Chlosyne harrisii	Cass: Oak Point	15-Jun-12	05-Jul-12	ASB
Chlosyne harrisii	Cook: Lutsen	25-Jun-12	25-Jun-12	DBM
Chlosyne nycteis	Cook: Junco Creek Rd. near Binagami Lake	04-Jun-12	27-Jun-12	DBM
Chlosyne nycteis	Cass: Oak Point	05-Jun-12	06-Jun-12	ASB
Phyciodes cocyta	Cook: Junco Creek Rd. near Binagami Lake; FR 304, 315;	04-Jun-12	07-Jul-12	DBM
Phyciodes cocyta	Cass: Oak Point	06-Jun-12	11-Sep-12	ASB
Euphydryas phaeton	Cook: Lutsen	25-Jun-12	25-Jun-12	DBM
Euphydryas phaeton	Beltrami: Beltrami	30-Jun-12	09-Jul-12	ASB
Euphydryas phaeton	Anoka: Carlos Avery Wildlife Management Area	02-Jul-12		TJ
Moths				
ELACHISTIDAE				
Agonopterix canadensis	KITTSON: Caribou WMA	22-Jul-12		KEJ
Agonopterix flavicomella	KITTSON: Caribou WMA	21-Jul-12		KEJ
Agonopterix flavicomella	LAKE OF THE WOODS: Norris Camp	21-Aug-12		KEJ
Agonopterix lythrella	LAKE OF THE WOODS: Norris Camp	21-Aug-12		KEJ
GELECHIIDAE				
Dichomeris isa	KITTSON: Caribou WMA	21-Jul-12		KEJ
CRAMBIDAE				
Crambus girardellus	KITTSON: Caribou WMA	21-Jul-12		KEJ
Crambus unistriatellus	KITTSON: Caribou WMA	21-Jul-12	22-Jul-12	KEJ
Mutuuraia mysippusalis	KITTSON: Caribou WMA	22-Jul-12		KEJ
Nealgedonia extricalis	KITTSON: Caribou WMA	21-Jul-12		KEJ
Ostrinia marginalis	ST. LOUIS: Lola Lake	16-May-12		KEJ
Pyrausta socialis	KITTSON: Caribou WMA	21-Jul-12		KEJ
Thopeutis forbesellus	KITTSON: Caribou WMA	22-Jul-12		KEJ
PYRALIDAE				
Peoria gemmatella	KITTSON: Caribou WMA	21-Jul-12		KEJ
CHOREUTIDAE				
Choreutis diana	St. Louis: many sites in central part of county	18-Jul-12	20-Jul-12	KEJ
TORTRICIDAE				
Apotomis removana	KITTSON: Caribou WMA	21-Jul-12		KEJ
Ancylis diminutana	KITTSON: Caribou WMA	22-Jul-12		KEJ
Phtheochroa biscana	KITTSON: Caribou WMA	21-Jul-12		KEJ
Phtheochroa spartinana	KITTSON: Caribou WMA	21-Jul-12		KEJ
Croesia albicomana	KITTSON: Caribou WMA	21-Jul-12		KEJ
Acleris logiana	KITTSON: Caribou WMA	21-Jul-12		KEJ
unusual to see mid summer brood at this latitude				
Argyrotaenia quercifoliana	KITTSON: Caribou WMA	22-Jul-12		KEJ
Archips fervidana	KITTSON: Caribou WMA	21-Jul-12		KEJ
Clepsis flavidana	KITTSON: Caribou WMA	21-Jul-12	22-Jul-12	KEJ
Sparganothis boweri	KITTSON: Caribou WMA	21-Jul-12		KEJ
Aethes baloghi	KITTSON: Caribou WMA	21-Jul-12		KEJ
probable STATE RECORD				
Cochylis arthuri	KITTSON: Caribou WMA	21-Jul-12		KEJ
Thyralia bunteana	KITTSON: Caribou WMA	22-Jul-12		KEJ
GEOMETRIDAE				
Leucobrephephos brephoides	BELTRAMI: Big Bog SRA	21-Mar-12		JS6
STATE RECORD, photo from Sparky Stensaas				
Euchlaena amoenaria	Hubbard: Lake George Pine barrens (6 mi. E of Itasca St Pk)	14-Jun-12		JS6
Cepphis armataria	Isanti: Sager's Swamp (1.5 mi. W of Pine Brook)	18-May-12		JS6
Eulithis flavibrunneata	KITTSON: Caribou WMA	22-Jul-12		KEJ
Zenophraps alpinata	Hubbard: Lake George Pine barrens (6 mi. E of Itasca St PK)	14-Jun-12		JS6
clearly a robust population				

Zenopheps alpinata common; at bait	LAKE OF THE WOODS: Norris Camp	22-Aug-12		KEJ
Orthonama evansi	Lake of the Woods: Winter Road Lake Peatland	23-Aug-12		KEJ
Carsia sororiata	St. Louis: many sites in central part of county	18-Jul-12	20-Jul-12	KEJ
SATURNIIDAE				
Hyalophora columbia	St. Louis: Lola Lake	16-May-12		KEJ
SPHINGIDAE				
Hyles lineata	St. Louis: Hush Lake	18-May-12		KEJ
NOTODONTIDAE				
Clostera brucei	KITTSOON: Caribou WMA	21-Jul-12		KEJ
NOCTUIDAE				
Capis curvata	Isanti: Sager's Swamp (1.5 mi. W of Pine Brook)	18-May-12		JS6
Cerma cora	Isanti: 2.5 mi. W of Pine Brook	25-May-12		JS6
Acronicta vulpina	Isanti: Sager's Swamp (1.5 mi. W of Pine Brook)	18-May-12		JS6
Alypia langtoni	St. Louis: Lookout Mountain	30-May-12		KEJ
Cucullia florea	Kittson: Caribou WMA	22-Jul-12		KEJ
Heliiothis borealis	ST. LOUIS: Ely Lake, Hush Lake, and Cadotte Lake peatlands	17-May-12	18-May-12	KEJ
Heliiothis borealis	LAKE: McNair	19-May-12		KEJ
Schinia florida	ST. LOUIS: Clear Lake	21-Jul-12		KEJ
Fagitana littera	Isanti: Sager's Swamp (1.5 mi. W of Pine Brook)	18-Jun-12		JS6
STATE RECORD?				
Apamea niveivenosa abundant	KITTSOON: Caribou WMA	21-Jul-12	22-Jul-12	KEJ
Oligia egens	KITTSOON: Caribou WMA	21-Jul-12		KEJ
Meropleon ambifuscum northern range extension	LAKE OF THE WOODS: Norris Camp	28-Aug-12		KEJ
Chortodes basistriga	Lake of the Woods: Winter Road Lake & Browns Lake Peatlands	23-Aug-12	24-Aug-12	KEJ
Papaipema appassionata	LAKE OF THE WOODS: Winter Road Lake & Browns Lake Peatland	23-Aug-12	24-Aug-12	KEJ
Litholomia napaea rather early date	Lake of the Woods: Norris Camp	22-Aug-12		KEJ
Lithophane amanda rather early date	Lake of the Woods: Norris Camp	22-Aug-12	29-Aug-12	KEJ
Lithophane baileyi	Lake of the Woods: Norris Camp	28-Aug-12		KEJ
Lithophane georgii	Lake: McNair	18-May-12		KEJ
Lithophane petulca	Lake of the Woods: Norris Camp	28-Aug-12	29-Aug-12	KEJ
Brachyloimia discinigra	LAKE OF THE WOODS: Norris Camp	22-Aug-12	28-Aug-12	KEJ
Mamestra configurata	LAKE OF THE WOODS: Norris Camp	27-Aug-12	29-Aug-12	KEJ
Lacanobia atlantica	KITTSOON: Caribou WMA	21-Jul-12		KEJ
Trichordestra lilacina	KITTSOON: Caribou WMA	21-Jul-12	22-Jul-12	KEJ
Trichordestra rugosa	ST. LOUIS: Lola Lake peatland	18-Jul-12		KEJ
Papestra biren	St. Louis: Ely Lake Peatland	17-May-12		KEJ
Papestra biren	Lake: McNair	18-May-12		KEJ
Papestra quadrata	St. Louis: Ely Lake Peatland	17-May-12		KEJ
Dargida procincta	LAKE OF THE WOODS: Norris Camp	29-Aug-12		KEJ
STATE RECORD				
EREBIDAE				
Holomelina lamae	St. Louis: Ash River Trail	21-Jul-12		KEJ
Phalaenostola hanhami	KITTSOON: Caribou WMA	21-Jul-12		KEJ
Catocala ilia	KITTSOON: Caribou WMA	22-Jul-12		KEJ

OHIO

Moths

ELACHISTIDAE

Agonopterix clemensella hibernating under bark	Marion: S of Marion	14-Jan-12		KEJ
Agonopterix pulvipennella hibernating under bark	Marion: S of Marion	14-Jan-12		KEJ

EREBIDAE

Ascalapha odorata photographed by Ryan Jacob	LUCAS: Maumee Bay State Park	07-Jul-12		MAQ
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WISCONSIN

After an unusually mild winter, the 2012 season began extraordinarily early, exceeding even the record early start experienced in 2010. Johnson noted that willow catkins were peaking by late March, and snow was long gone from all northern Wisconsin habitats including bogs. Many northern species were a month or so early, such as *Boloria freija* on April 12. Southern Wisconsin endured record heat and severe drought, with over 30 days with temperatures above 90°F and several days exceeding 100°F in some areas. The Swengels found northeastern and central Wisconsin dry, but the northwestern part received substantial rains in May and June and did not seem as droughty. Ebner characterized 2012 as a year of feast (spring) and famine (summer) for butterflies in Waukesha County, with 47 species found over a 218 day period. He noted a very advanced spring with some species three to four weeks early. Butterfly numbers were significantly down in the last half of the season. The Swengels reported species richness of butterflies per day was the highest they had ever seen from March through almost mid-July. Several days in May produced 40 species. Fourth of July Counts averaged over 53 species and two were just half days. Moth abundance was generally good until the mid-summer drought hit, with a slight recovery in late summer/early fall

Southern migrants and stays were phenomenal throughout the season. A number of butterfly species appeared on record early dates in mid to late May, and were found in numbers far northward in the state. *Hylephila phyleus* was first reported in Jackson County on 16 May (SAS), and spread throughout the state. *Atalopedes campestris* had its best year ever, extending throughout Wisconsin and found in higher than usual numbers. *Battus philenor* was reported from four counties, with its northernmost occurrence in Taylor County (JFR). One individual of *Pontia protodice* was reported on 3 July in Monroe County, and a single *Colias cesonia* was found on 27 June in Devil's Lake SP, Sauk County (SAS). *Eurema lisa* spread statewide, found from 23 May in Waukesha County (JAE), reaching Bayfield County by 22 June, Burnett County on 13 July (SAS) and persisting in Iowa County until 16 September (LAF). *Abaeis nicippe* was present on 16 September in the exact Iowa County locality it occurred at in 2007 and 2010 (LAF). *Nathalis iole* was recorded on 27 June in Sauk County and spread into Douglas County by 28 July (SAS). *Strymon melinus* was above-average, found as single individuals in several localities statewide. *Euptoieta claudia* was widespread, appearing in above-average numbers but mostly in the first half of the season, from 11 May in Jackson County to 20 July in Portage County. It was found in Bayfield, Burnett, Crawford, Dane, Douglas, Forest, Green, Green Lake, Marinette, Monroe, Sauk and Wood Counties (SAS). *Polygonia interrogationis* moved northward in spring, being recorded in Jackson County on 14 May and Florence and Vilas Counties on 3 June (LAF). *Vanessa* species were unremarkable. *V. cardui* was found statewide, mainly as single individuals, with most records earlier in the season. Dates ranged from 4 May in Monroe County to 20 July in Portage County (SAS) and 7 September in Waukesha County (JAE). *V. atalanta* and *V. virginiensis* occurred in low numbers. *Junonia coenia* appeared early and in above-average numbers throughout Wisconsin. It was found in Jackson County on 16 May, Burnett County on 25 May and Bayfield County on 9 June (SAS), and was last reported in Waukesha County on 16 September (JAE). It was also recorded in Adams, Ashland, Columbia, Crawford, Douglas, Forest Green, Green Lake, Marquette, Monroe, Oconto, Portage and Sauk Counties (SAS). The arrival of *Danaus plexippus* was the earliest on record, with several individuals first reported in Dane County on 3 May. In Waukesha County Monarchs had an extremely poor year, very few observed, especially as summer progressed. The last one seen was on 4 October (JAE).

Immigrant moth species also had a good season. *Mythimna unipuncta* and *Peridroma saucia* arrived in Rock County from the south on 12 March, a full month earlier than available previous records. They lasted until 21 November at that locality (LAF). *Megalographa biloba* was common from south to north by mid-April. *Rachiplusia ou*, previously seen only as a late-season stray, was recorded in Dane County 3-11 May (LAF). By mid-summer rare historical stays such as *Spodoptera exigua* and *Elaphria chalconia* were virtually ubiquitous in the southern part of the state (KEJ). September and October were quite productive for strays. Three new state records were reported: *Glenoides texanaria*, *Melipotis jucunda*, and *Micrathetis triplex*, all from Rock County. Other infrequently seen strays included *Disclisioprocta stellata*, *Tetanolita mynesalis*, *Tetanolita floridana*, *Anticarsia gemmatalis*, *Caenurgja chloropa*, *Leucania adjuta* and *Anicla infecta*.

A number of species are becoming very scarce or apparently gone entirely from historic localities. *Hesperia ottoe* was seen in Crawford Co on 26 June but not at five other historic sites surveyed. *Problema byssus* has declined severely. It was not reported in historic sites in 2012 after reports of single individuals at two sites in 2011 (SAS), but was found at a new site in Grant County (KEJ). *Calephelis muticum* could not be found despite the lengthiest try ever at Chaffee Creek, Marquette-Waushara Counties on 11 July. *Plebejus saepiolus* was not seen for the second year in a row in Bayfield County near Cornucopia. *Lycaeides idas nabokovi* tied with last year's lowest numbers of the 13 years covered in Marinette County, with one fresh male on 16 June and three males on 29 June. None were found on the same dates in Oconto County (SAS).

Other species continue to hold on. *Callophrys irus* emerged on a record early date of 8 April in Jackson County, and had a record long flight period of 55 days extending to 1 June. Good populations continue to occur in areas of County Forest. None could be found in historic sites in Wood County and eastern Monroe County. This species becomes either more detectable or more abundant in warm years, with the four best years surveyed 1992-present having the hottest springs. *Lycaeides melissa samuelis* tied the earliest date of 4 May. The peak spring date was 16 May in Jackson County. The last apparent spring individuals and first summer (fresh males) were both on 10 June in Jackson County, with the summer flight peaking on 4 July. It was also seen in average numbers in Wood and Burnett Counties. One was seen in a Russell Hybrid Lupine patch 11 July in Marquette County but wild Lupines were nearby. It was also found in Green Lake and Portage Counties. *Speyeria idalia* declined from 2011's good numbers at all but a few sites, with Hogback Prairie, Crawford County, and the Buena Vista area in Portage County being the only sites with above-average numbers. It was also found at traditional sites in Iowa, Columbia, and Dane Counties. Its unusual appearance at a number of new or former sites suggests emigration to these localities. Ann Thering found Regals at Spring Green Prairie, Sauk County on 8 June, the first report since 1990. Several were newly recorded on 26 June at Rush Creek, Crawford County, several more on 26 June and 2 July at Spring Green, and one on 10 July in Brockway Barrens SNA, Jackson County. *Callophrys henrici* had its fifth good year, emerging on a record early date of 1 April in Jackson County, and was very high in Burnett County.

Butterflies

HESPERIIDAE

<i>Epargyreus clarus</i>	Waukesha: Kettle Moraine State Forest, Oconomowoc	02-May-12	15-Sep-12	JAE
<i>Pholisora catullus</i>	Waukesha: Oconomowoc	05-Jun-12		JAE
<i>Erynnis brizo</i>	Jackson: Jackson County Forest	06-Apr-12		SAS
<i>Erynnis brizo</i>	Waukesha: Kettle Moraine State Forest	02-May-12		JAE

<i>Erynnis icelus</i>	Jackson: Jackson County Forest	01-Apr-12		SAS
<i>Erynnis juvenalis</i>	Jackson: Jackson County Forest	01-Apr-12		SAS
<i>Erynnis juvenalis</i>	Waukesha: Kettle Moraine State Forest	18-Apr-12		JAE
<i>Erynnis juvenalis</i>	Waukesha: Kettle Moraine State Forest	22-May-12		JAE
<i>Erynnis martialis</i>	Jackson: Brockway Road	11-May-12		SAS
first record from Jackson County since 2002				
<i>Erynnis persius</i>	Jackson: Jackson County Forest	14-Apr-12		SAS
<i>Erynnis persius</i>	Jackson: South Brockway Rd. & ATV Trail	14-May-12		LAF
<i>Erynnis persius</i>	Clark: Camp Globe Rd.	14-May-12		LAF
<i>Pyrgus communis</i>	Bayfield: FR 619	15-Jul-12		SAS
<i>Pyrgus communis</i>	Sauk: Mirror Lake State Park	29-Aug-12		SAS
<i>Pyrgus communis</i>	Waukesha: Oconomowoc	26-Sep-12	11-Oct-12	JAE
<i>Amblyscirtes hegon</i>	Jackson: Jackson County Forest	18-May-12		SAS
<i>Ancyloxypha numitor</i>	Waukesha: Oconomowoc	11-Jun-12	03-Jul-12	JAE
<i>Oarisma poweshiek</i>	Waukesha: Kettle Moraine State Forest	22-Jun-12		JAE
<i>Thymelicus lineola</i>	Waukesha: Oconomowoc	29-May-12	05-Jun-12	JAE
<i>Hylephila phyleus</i>	Jackson: Jackson County Forest & Bauer-Brockway Barrens	16-May-12	17-Aug-12	SAS
<i>Hylephila phyleus</i>	TAYLOR: Medford	01-Jun-12		JFR
<i>Hylephila phyleus</i>	Waukesha: Oconomowoc	10-Jul-12	26-Sep-12	JAE
<i>Hylephila phyleus</i>	Wood: Hwy. X	15-Jul-12		SAS
<i>Hylephila phyleus</i>	Ashland: Wilderness Rd. west of Co. GG	15-Jul-12		SAS
<i>Hylephila phyleus</i>	Ashland: Intersection of Long Lake Rd Minnow Creek Rd	27-Jul-12		MLL
<i>Hylephila phyleus</i>	Douglas: Along Lucas Road	28-Jul-12		MLL
<i>Hylephila phyleus</i>	Dane: Middleton (Ferge backyard)	02-Sep-12	14-Sep-12	LAF
<i>Hesperia leonardus</i>	Bayfield: Moquah Barrens	27-Jul-12	10-Aug-12	SAS
<i>Hesperia leonardus</i>	Portage: Buena Vista Wildlife Area	05-Aug-12	25-Aug-12	SAS
<i>Hesperia leonardus</i>	Burnett: Crex Meadows Wildlife Refuge	10-Aug-12		MLL
<i>Hesperia metea</i>	Jackson: Bauer-Brockway Barrens	14-Apr-12	18-May-12	SAS
<i>Hesperia metea</i>	BAYFIELD: Moquah Barrens	27-May-12		SAS
<i>Hesperia ottoe</i>	Crawford: Rush Creek Prairie	26-Jun-12		SAS
not found at five other historic sites				
<i>Hesperia ottoe</i>	Crawford: Hanson Prairie	09-Jul-12		KEJ
worn male				
<i>Hesperia sassacus</i>	Jackson: six localities in county	14-Apr-12	18-May-12	SAS
<i>Atalopedes campestris</i>	Waukesha: Okauchee	06-Aug-12	17-Oct-12	JAE
<i>Atalopedes campestris</i>	Douglas: Amnicon Lake	18-Aug-12		SAS
<i>Atalopedes campestris</i>	Sauk: Mirror Lake State Park	22-Aug-12	29-Aug-12	SAS
<i>Atalopedes campestris</i>	Portage: Buena Vista Wildlife Area	25-Aug-12		SAS
<i>Atalopedes campestris</i>	MARATHON: Norrie	01-Sep-12		LAF
<i>Polites mystic</i>	Portage: eight localities in county	14-Apr-12	18-May-12	SAS
<i>Polites peckius</i>	Waukesha: Kettle Moraine State Forest, Oconomowoc	18-May-12	15-Sep-12	JAE
<i>Problema byssus</i>	Grant: Eagle Valley Preserve	30-Jun-12		KEJ
slight northern range extension				
<i>Poanes hobomok</i>	Waukesha: Kettle Moraine State Forest	11-May-12	22-May-12	JAE
<i>Poanes viator</i>	Jackson: Black River State Forest	24-Jun-12	04-Jul-12	SAS
<i>Poanes viator</i>	Burnett: Crex Meadows Wildlife Area	13-Jul-12		SAS
<i>Euphyes conspicua</i>	Green Lake: Puchyan Prairie	25-Jun-12		SAS
<i>Euphyes vestris metacomet</i>	Iron: Along Augustine Creek Road	27-Jul-12		MLL
<i>Euphyes vestris metacomet</i>	Ashland: Intersection of Long Lake Rd Minnow Creek Rd	27-Jul-12		MLL
<i>Euphyes vestris metacomet</i>	Douglas: Along Tom Green Road	28-Jul-12	29-Jul-12	MLL
<i>Atrytonopsis hianna</i>	Sauk: Mirror Lake State Park	10-May-12		SAS
<i>Atrytonopsis hianna</i>	Clark: Camp Globe Rd.	14-May-12		LAF
PAPILIONIDAE				
<i>Eurytides marcellus</i>	COLUMBIA: Columbus	18-Jun-12		LAF
Photo by Melissa Jacobs, record via Phil Pellitteri				
<i>Battus philenor</i>	Waukesha: Okauchee and Oconomowoc	05-Jun-12	09-Jun-12	JAE
<i>Battus philenor</i>	TAYLOR: Medford	10-Jun-12		JFR
<i>Battus philenor</i>	CRAWFORD: Hogback Prairie	26-Jun-12		SAS
<i>Battus philenor</i>	SAUK: Devil's Lake State Park	27-Jun-12		SAS
nectaring on common milkweed				
<i>Papilio cressphontes</i>	Waukesha: Kettle Moraine State Forest, Okauchee	02-May-12	31-Aug-12	JAE

Papilio cresphontes	Jackson: Bauer-Brockway Barrens	11-May-12	18-May-12	SAS
Papilio glaucus very early date	Grant: Eagle Valley Preserve	29-Mar-12		KEJ
Papilio glaucus	Rock: Magnolia Bluff County Park	02-Apr-12		LAF
Papilio glaucus	Waukesha: Kettle Moraine State Forest, Okauchee	28-Apr-12	17-Aug-12	JAE
Papilio polyxenes asterius	Waukesha: Okauchee	10-May-12	10-Sep-12	JAE
PIERIDAE				
Pontia protodice one individual	Monroe: W of Tomah	03-Jul-12		SAS
Pieris oleracea	Walworth: Lulu Lake	23-Apr-12		JAE
Pieris oleracea	Douglas: Along Tom Green Road	28-Jul-12	11-Aug-12	MLL
Pieris rapae earliest WI record	Dane: Middleton (Ferge backyard)	15-Mar-12		LAF
Pieris virginensis peak to post-peak flight	Langlade: NE of Ventor Lake & Bogus Swamp area	01-May-12		KEJ
Euchloe olympia very early date	Jackson: Bauer-Brockway Barrens	01-Apr-12	11-May-12	SAS
Colias eurytheme	Bayfield: Intersection of Forest Road 618 and 194	27-Jul-12		MLL
Colias eurytheme	Iron: Along Augustine Creek Road	27-Jul-12		MLL
Colias eurytheme	Ashland: Intersection of Long Lake Rd Minnow Creek Rd	27-Jul-12		MLL
Colias eurytheme	Douglas: Amnicon Lake	29-Jul-12	11-Aug-12	MLL
Colias eurytheme	Burnett: Crex Meadows Wildlife Refuge	10-Aug-12		MLL
Colias interior very early date this far north	Ashland: Clam Lake Bog	04-Jun-12		KEJ
Colias interior	Douglas: Amnicon Lake	29-Jul-12		MLL
Colias philodice	Waukesha: Okauchee	19-Apr-12	21-Oct-12	JAE
Colias philodice	Bayfield: Intersection of Long Lake Rd Minnow Creek Rd	27-Jul-12		MLL
Colias philodice	Douglas: Amnicon Lake	29-Jul-12		MLL
Zerene cesonia one individual	Sauk: Devil's Lake State Park	27-Jun-12		SAS
Pyrisitia lisa	Waukesha: Kettle Moraine State Forest and Monterey	23-May-12	03-Jul-12	JAE
Pyrisitia lisa	Wood: Hwy. X	28-May-12	15-Jul-12	SAS
Pyrisitia lisa	Bayfield: Cornucopia	22-Jun-12	15-Jul-12	SAS
Pyrisitia lisa	Burnett: Crex Meadows Wildlife Area	13-Jul-12		SAS
Abaeis nicippe several individuals, one very fresh	Iowa: Avoca	16-Sep-12		LAF
Nathalis iole	Waukesha: Monterey and Oconomowoc	02-Jul-12	26-Sep-12	JAE
Nathalis iole	Burnett: Crex Meadows Wildlife Area	13-Jul-12		SAS
Nathalis iole	Douglas: Along Lucas Road	28-Jul-12		MLL
Nathalis iole	Douglas: Amnicon Lake	28-Jul-12		SAS
Nathalis iole	Portage: Buena Vista Wildlife Area	05-Aug-12		SAS
Nathalis iole	Wood: Hwy. X	17-Aug-12		SAS
Nathalis iole	Dane: Middleton (Stricker's Pond)	14-Sep-12		LAF
Nathalis iole	Iowa: Avoca	16-Sep-12		LAF
LYCAENIDAE				
Feniseca tarquinius	Douglas: Along Lucas Road	11-Aug-12		MLL
Lycaena dione	Portage: Buena Vista Wildlife Area	15-Jun-12	20-Jul-12	SAS
Lycaena dorcas	Lincoln: Bog W of Bradley on Hwy. 8	15-Jun-12		SAS
Lycaena epixanthe	Jackson: Jackson County Forest	10-Jun-12	04-Jul-12	SAS
Lycaena helloides	Marquette: Chaffee Creek	11-Jul-12		SAS
Lycaena helloides	Burnett: Crex Meadows Wildlife Area	13-Jul-12		SAS
Lycaena hyllus	Portage: Buena Vista Wildlife Area	02-Jun-12	01-Jul-12	SAS
Lycaena hyllus	Green Lake: Puchyan Prairie	13-Jun-12	25-Jun-12	SAS
Lycaena hyllus	Ashland: Clam Lake area	30-Jun-12		SAS
Lycaena phlaeas	Waukesha: Kettle Moraine State Forest	18-May-12	22-May-12	JAE
Satyrrium calanus falacer	Walworth: Lulu Lake	26-Jun-12		JAE
Callophrys augustinus	SHAWANO: Navarino Bog	29-Apr-12		KEJ
Callophrys henrici early date	Jackson: Jackson County Forest	01-Apr-12	11-May-12	SAS
Callophrys henrici	LINCOLN: Wilson School Forest	14-Apr-12		KEJ
Callophrys henrici	Burnett: Burnett County Forest	24-Apr-12		SAS

Callophrys irus early date and record long flight period of 55 days	Jackson: Jackson County Forest	08-Apr-12	01-Jun-12	SAS
Callophrys polios	Jackson: Jackson County Forest	01-Apr-12		SAS
Strymon melinus one individual on each of four dates	Wood: Hwy. X	11-May-12	17-Aug-12	SAS
Strymon melinus	Burnett: Crex Meadows Wildlife Area	13-Jul-12		SAS
Strymon melinus	Douglas: Amnicon Lake	28-Jul-12		SAS
Cupido comyntas	Douglas: Amnicon Lake	29-Jul-12	11-Aug-12	MLL
Celastrina neglecta	Waukesha: Okauchee	06-Jul-12		JAE
Glaucopteryx lygdamus couperi	Waukesha: Kettle Moraine State Forest	23-Apr-12	02-May-12	JAE
Plebejus idas nabokovi very low numbers, not found in Oconto County locality on same dates	Marinette: Shrine Rd.	16-Jun-12	29-Jun-12	SAS
Plebejus melissa samuelis	Monroe: W of Tomah	04-May-12		SAS
NYMPHALIDAE				
Danaus plexippus early record	Dane: Middleton (Ferge backyard)	03-May-12		LAF
Danaus plexippus	Waukesha: Oconomowoc	11-May-12	04-Oct-12	JAE
Lethe anthedon	Waukesha: Kettle Moraine State Forest, Oconomowoc	23-Jun-12	10-Jul-12	JAE
Lethe eurydice early date	Green Lake: Puchyan Prairie	13-Jun-12		SAS
Lethe eurydice	Waukesha: Oconomowoc	01-Jul-12	10-Jul-12	JAE
Coenonympha tullia inornata	Jackson: Jackson County Forest	11-May-12		SAS
Coenonympha tullia inornata	Jackson: 2 mi. E of Millston	14-May-12		LAF
Coenonympha tullia inornata	Florence: Tie Mill Road (FR 2402)	03-Jun-12		LAF
Cercyonis pegala nephele	Waukesha: Oconomowoc	25-Jun-12	30-Jun-12	JAE
Cercyonis pegala nephele	Burnett: Crex Meadows Wildlife Refuge	10-Aug-12		MLL
Erebia discoidalis	Price: Riley Lake Bog	23-Apr-12		SAS
Erebia discoidalis extremely early date	Ashland: Black Creek Bog	23-Apr-12		KEJ
Erebia discoidalis first record from county since 1978	Vilas: Powell Marsh	04-May-12		KEJ
Megisto cymela	Waukesha: Kettle Moraine State Forest	16-May-12	22-May-12	JAE
Oeneis chryxus	Douglas: Solon Springs	24-Apr-12	12-May-12	SAS
Oeneis chryxus very low numbers, not found in Oconto County locality on same dates	Marinette: Dunbar	29-Apr-12		SAS
Oeneis chryxus	Vilas: Haymeadow Creek Barrens	03-May-12		KEJ
Oeneis jutta ascerta poor year	Douglas: Amnicon Lake	12-May-12	10-Jun-12	SAS
Oeneis jutta ascerta	Oconto: Glocke Lake	19-May-12	03-Jun-12	SAS
Speyeria aphrodite	Iron: Along Augustine Creek Road	27-Jul-12		MLL
Speyeria atlantis	Douglas: Along Tom Green Road	28-Jul-12	11-Aug-12	MLL
Speyeria cybele	Waukesha: Kettle Moraine State Forest, Okauchee	18-Jun-12	15-Sep-12	JAE
Speyeria cybele krautwurmi	Douglas: Along Tom Green Road	28-Jul-12	11-Aug-12	MLL
Speyeria cybele krautwurmi	Burnett: Crex Meadows Wildlife Refuge	10-Aug-12		MLL
Speyeria idalia early record from Ann Thering, not found at site since 1990	Sauk: Spring Green Prairie	08-Jun-12	02-Jul-12	SAS
Speyeria idalia	Portage: Buena Vista Wildlife Area	15-Jun-12	25-Aug-12	SAS
Speyeria idalia apparently colonized prairie after recent brush removal; good population	Iowa: Mueller Prairie	21-Jun-12	03-Aug-12	KEJ
Speyeria idalia first record from this site	Crawford: Rush Creek Prairie	26-Jun-12		SAS
Boloria selene atrocotalis	Ashland: Intersection of Long Lake Rd Minnow Creek Rd	27-Jul-12		MLL
Boloria selene	Douglas: Amnicon Lake	29-Jul-12		MLL
Boloria bellona	Burnett: Crex Meadows Wildlife Refuge	10-Aug-12		MLL
Boloria bellona	Douglas: Along Tom Green Road	11-Aug-12		MLL
Boloria chariclea grandis	Douglas: Amnicon Lake	14-Jul-12	10-Aug-12	SAS
Boloria chariclea grandis	Douglas: Amnicon Lake	29-Jul-12	11-Aug-12	MLL
Boloria eunomia dawsoni	Oconto: Glocke Lake	19-May-12	03-Jun-12	SAS
Boloria eunomia dawsoni abundant	Ashland: Clam Lake Bog	04-Jun-12		KEJ
Boloria freija extreme early record; beats 2010 date by 2 days	Lincoln: Tomahawk to Spirit Falls area	12-Apr-12	14-Apr-12	KEJ
Boloria freija	Douglas: Amnicon Lake	20-Apr-12		SAS

<i>Boloria freija</i>	Ashland: Black Creek Bog	23-Apr-12		KEJ
<i>Boloria frigga</i>	Douglas: Amnicon Lake	12-May-12		SAS
<i>Limenitis archippus</i>	Waukesha: Kettle Moraine State Forest	16-May-12		JAE
<i>Limenitis archippus</i>	Douglas: Along Tom Green Road	28-Jul-12	11-Aug-12	MLL
<i>Limenitis arthemis</i>	Iron: Along Augustine Creek Road	27-Jul-12		MLL
<i>Limenitis arthemis</i>	Douglas: Along Tom Green Road	28-Jul-12	11-Aug-12	MLL
<i>Limenitis arthemis astyanax</i>	Waukesha: Kettle Moraine State Forest, Okauchee	16-May-12	07-Aug-12	JAE
<i>Vanessa atalanta</i>	Rock: Avon Bottoms Wildlife Area	02-Apr-12		LAF
<i>Vanessa atalanta</i>	Waukesha: Okauchee	17-Apr-12	11-Oct-12	JAE
<i>Vanessa cardui</i>	Monroe: W of Tomah	04-May-12		SAS
<i>Vanessa cardui</i>	Clark: Camp Globe Rd.	14-May-12		LAF
<i>Vanessa virginiensis</i>	Waukesha: Okauchee	21-Apr-12	22-Jul-12	JAE
<i>Aglais milberti</i>	Bayfield: Intersection of Forest Road 618 and 194	27-Jul-12		MLL
<i>Nymphalis antiopa</i>	Waukesha: Kettle Moraine State Forest, Oconomowoc	18-Apr-12	06-Sep-12	JAE
<i>Nymphalis antiopa</i>	Douglas: Along Jackson Box Road	11-Aug-12		MLL
<i>Polygonia comma</i>	Waukesha: Kettle Moraine State Forest, Oconomowoc	23-Apr-12	09-Jun-12	JAE
<i>Polygonia faunus</i>	Price: S of Davis Lake	02-Apr-12		KEJ
<i>Polygonia faunus</i>	Douglas: Along Tom Green Road	28-Jul-12		MLL
<i>Polygonia interrogationis</i>	Jackson: South Brockway Rd. & ATV Trail	14-May-12		LAF
<i>Polygonia interrogationis</i>	Waukesha: Kettle Moraine State Forest, Oconomowoc	16-May-12	09-Jul-12	JAE
<i>Polygonia interrogationis</i>	Vilas: Barrens 3 mi. N of Conover	03-Jun-12		LAF
<i>Polygonia interrogationis</i>	Florence: Tie Mill Road (FR 2402)	03-Jun-12		LAF
<i>Polygonia interrogationis</i>	Douglas: Along Pioneer Road	28-Jul-12	11-Aug-12	MLL
<i>Polygonia progne</i>	Douglas: Along John Schmidt Road	28-Jul-12	11-Aug-12	MLL
<i>Polygonia satyrus</i>	LINCOLN: Spirit Falls	14-Apr-12		KEJ
<i>Polygonia satyrus</i>	Douglas: N of Moose Junction	12-May-12		SAS
<i>Junonia coenia</i>	Jackson: Bauer-Brockway Barrens	16-May-12	01-Jun-12	SAS
<i>Junonia coenia</i>	Waukesha: Kettle Moraine State Forest, Oconomowoc	22-May-12	16-Sep-12	JAE
<i>Junonia coenia</i> found in relatively high numbers in barrens areas	Burnett: Burnett County Forest	25-May-12		SAS
<i>Junonia coenia</i>	Douglas: Along Tom Green Road	11-Aug-12		MLL
<i>Chlosyne gorgone carlota</i>	Jackson: Bauer-Brockway Barrens	01-May-12	01-Jun-12	SAS
<i>Chlosyne harrisii</i> early record	Jackson: Jackson County Forest	18-May-12		SAS
<i>Phyciodes cocyta</i>	Douglas: Along Tom Green Road	28-Jul-12	11-Aug-12	MLL
<i>Phyciodes cocyta</i>	Burnett: Crex Meadows Wildlife Refuge	10-Aug-12		MLL
<i>Phyciodes tharos</i>	Waukesha: Oconomowoc	11-May-12	04-Sep-12	JAE

Moths

ACROLOPHIDAE

<i>Acrolophus morus</i> abundant; flying erratically during day	GRANT: Eagle Valley Preserve	25-Sep-12		KEJ
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TINEIDAE

<i>Nemapogon auropulvella</i>	MILWAUKEE: Root River Parkway	12-Sep-12		KEJ
<i>Tinea apicimaculella</i>	MILWAUKEE: Root River Parkway	08-Aug-12	12-Sep-12	KEJ
<i>Monopis dorsistrigella</i>	GRANT: Eagle Valley Preserve	29-Jun-12		KEJ
<i>Monopis marginistrigella</i>	MILWAUKEE: Root River Parkway	12-Sep-12		KEJ

SCHRECKENSTEINIIDAE

<i>Schreckensteinia festaliella</i> flying during early AM	ASHLAND: Black Creek Uplands	24-Apr-12		KEJ
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GRACILLARIIDAE

<i>Caloptilia belfrageella</i>	LAFAYETTE: Hardscrabble Prairie	05-Aug-12		KEJ
<i>Acrocercops astericola</i>	IOWA: Mueller Prairie	03-Aug-12		KEJ
<i>Phyllonorycter lucetiella</i> ex. <i>Tilia americana</i> leaf blotch mine	LAFAYETTE: Hardscrabble Prairie	27-Jul-12		KEJ
<i>Cameraria hamadryadella</i> ex. <i>Quercus macrocarpon</i> blotch mine	LAFAYETTE: Hardscrabble Prairie	27-Jul-12		KEJ
<i>Cameraria hamadryadella</i> ex. <i>Quercus bicolor</i> blotch mine	RICHLAND: Lone Rock LWRWSA	27-Jul-12		KEJ
<i>Chrysaster ostensackenella</i> ex. <i>Robinia pseudoacacia</i> blotch mine	LAFAYETTE: Hardscrabble Prairie	27-Jul-12		KEJ

OECOPHORIDAE

Gonioterma mistrella probable STATE RECORD	IOWA: Mueller Prairie	11-Sep-12	KEJ
Epicallima argenticinctella	IOWA: Mueller Prairie	21-Jun-12	KEJ
Semioscopis megamicrella	SAWYER: Swanson Creek	02-Apr-12	KEJ
Semioscopis merricella	VILAS: Haymeadow Creek Barrens	01-May-12	KEJ

ELACHISTIDAE

Agonopterix alstroemeriana	GRANT: Eagle Valley Preserve	23-Oct-12	KEJ
Agonopterix curvilineella	DANE: Swamp Lover's Preserve	14-Jul-12	KEJ
Agonopterix paulae ex. Zanthoxylum americanum leaf shelter	LAFAYETTE: Hardscrabble Prairie	27-Jul-12	KEJ
Agonopterix paulae	DANE: Swamp Lover's Preserve	03-Oct-12	GWG
Depressaria cinereocostella abundant; at UV light and bait	GRANT: Eagle Valley Preserve	29-Mar-12	24-Oct-12 KEJ

GELECHIIDAE

Arogalea cristifasciella	DUNN: Hoffman Hills	13-Apr-12	KEJ
Athrips mouffetella	MILWAUKEE: Root River Parkway	01-Jul-12	KEJ
Chionodes fondella	MILWAUKEE: Root River Parkway	01-Jul-12	KEJ
Chionodes pseudofondella	GRANT: Eagle Valley Preserve	29-Jun-12	KEJ
Dichomeris glenni	IOWA: Mueller Prairie	03-Aug-12	KEJ

MOMPHIDAE

Mompha eloisella	MILWAUKEE: Root River Parkway	01-Jul-12	KEJ
Mompha murtfeldtella	MILWAUKEE: Root River Parkway	08-Aug-12	KEJ

COSMOPTERIGIDAE

Stagmatophora wyattella	IOWA: Arena LWRWSA	15-Jul-12	KEJ
Perimede falcata	MILWAUKEE: Root River Parkway	01-Jul-12	KEJ

GLYPHIPTERIGIDAE

Diploschizia impigritella	GRANT: Eagle Valley Preserve	28-Jul-12	KEJ
Diploschizia impigritella	ROCK: Lawrence Prairie	07-Aug-12	KEJ
Glyphipterix haworthana early record	Lincoln: Somo Peatlands	12-Apr-12	KEJ
Glyphipterix haworthana	BAYFIELD: East Branch Ghost River Peatlands	24-Apr-12	KEJ
Glyphipterix haworthana	SHAWANO: Navarino Bog	29-Apr-12	KEJ
Glyphipterix haworthana ex. Eriophorum vaginatum seed heads	PORTAGE: Dewey Marsh	27-Jul-12	KEJ

YPONOMEUTIDAE

Atteva aurea	Waukesha: Okauchee	13-Jul-12	JAE
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CRAMBIDAE

Crambus alienellus	SAWYER: Goodman Lake Bog	04-Jun-12	KEJ
Diacme adipaloides	Grant: Eagle Valley Preserve	29-Mar-12	KEJ
Eoreuma densella	MILWAUKEE: Root River Parkway	01-Jul-12	KEJ
Euchromius ocellus	DANE: Swamp Lover's Preserve	21-Oct-12	GWG
Eudonia heterosalis	DANE: Stagecoach Prairie & Swamp Lover's Preserve	22-Jun-12	14-Jul-12 KEJ
Haimbachia squamulella probable STATE RECORD	GRANT: Eagle Valley Preserve	29-Jun-12	29-Jul-12 KEJ
Hymenia perspectalis	Milwaukee: Root River Parkway	12-Sep-12	KEJ
Microcrambus biguttellus	GRANT: Eagle Valley Preserve	25-Sep-12	KEJ
Microcrambus minor	DANE: Stagecoach Prairie	22-Jun-12	KEJ
Polygrammodes flavidalis	DANE: Swamp Lover's Preserve	14-Jul-12	KEJ
Pyrausta onythesalis	DANE: Stagecoach Prairie	22-Jun-12	KEJ
Sitochroa chortalis	IOWA: Mueller Prairie	21-Jun-12	KEJ
Uresiphita reversalis	Dane: Middleton	03-May-12	08-May-12 LAF
Uresiphita reversalis	Dane: Swamp Lover's Preserve	14-Jul-12	KEJ

PYRALIDAE

Sciota rubescentella	DANE: Stagecoach Prairie	22-Jun-12	KEJ
Sciota vetustella	GRANT: Eagle Valley Preserve	29-Jul-12	KEJ
Pococera baptisiella	GRANT: Eagle Valley Preserve	29-Jun-12	KEJ
Peoria bipartitella	DANE: Stagecoach Prairie	22-Jun-12	14-Jul-12 KEJ
Atascosa glareosella	DANE: Stagecoach Prairie	14-Jul-12	KEJ

PTEROPHORIDAE

<i>Oidaematophorus elliotii</i>	MILWAUKEE: Root River Parkway	01-Jul-12		KEJ
<i>Oidaematophorus lacteodactylus</i>	DANE: Stagecoach Prairie	22-Jun-12		KEJ

CHOREUTIDAE

<i>Choreutis diana</i>	VILAS: Haymeadow Creek Barrens	03-May-12		KEJ
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TORTRICIDAE

<i>Olethreutes exaeresima</i>	BROWN: Fox River Trail	05-Jul-12		KEJ
<i>Olethreutes malana</i>	IOWA: Mueller Prairie	21-Jun-12	03-Aug-12	KEJ
<i>Hedya separatana</i>	SHAWANO: Navarino Bog	29-Apr-12		KEJ
<i>Eucosma bilineana</i>	Milwaukee: Root River Parkway	01-Jul-12		KEJ
<i>Eucosma matutina</i>	GRANT: Eagle Valley Preserve	29-Jul-12		KEJ
<i>Epiblema brightonana</i>	MILWAUKEE: Root River Parkway	01-Jul-12		KEJ
<i>Epiblema carolinana</i>	GRANT: Eagle Valley Preserve	28-Jul-12		KEJ
<i>Suleima cinerodorsana</i>	MILWAUKEE: Root River Parkway	08-Aug-12		KEJ
<i>Pseudexentera kalmiana</i> early record	Lincoln: Tomahawk to Spirit Falls area	12-Apr-12	14-Apr-12	KEJ
<i>Pseudexentera kalmiana</i>	SHAWANO: Navarino Bog	29-Apr-12		KEJ
<i>Pseudexentera vaccinii</i>	ASHLAND: Black Creek Uplands	02-Apr-12		KEJ
<i>Pseudexentera vaccinii</i>	VILAS: Haymeadow Creek Barrens	01-May-12		KEJ
<i>Pseudexentera virginiana</i>	ASHLAND: Black Creek Bog	02-Apr-12		KEJ
<i>Ancylis metamelana</i>	IOWA: Mueller Prairie	11-Sep-12		KEJ
<i>Phtheochroa spartinana</i>	MILWAUKEE: Root River Parkway	01-Jul-12		KEJ
<i>Phtheochroa spartinana</i>	GRANT: Eagle Valley Preserve	28-Jul-12		KEJ
<i>Acleris braunana</i>	ASHLAND: Black Creek Bog	02-Apr-12		KEJ
<i>Acleris caliginosana</i>	PRICE: Riley Lake Bog	01-Apr-12		KEJ
<i>Acleris celiana</i>	LINCOLN: Bradley Bog & Spirit Falls	06-Apr-12	12-Apr-12	KEJ
<i>Acleris cornana</i>	PRICE: Riley Lake Bog	01-Apr-12		KEJ
<i>Acleris forbesana</i>	SAWYER: Swanson Creek	02-Apr-12		KEJ
<i>Acleris hudsoniana</i>	PRICE: Riley Lake Bog	01-Apr-12		KEJ
<i>Acleris hudsoniana</i>	ASHLAND: Black Creek Uplands	02-Apr-12		KEJ
<i>Acleris maccana</i>	SAWYER: Swanson Creek	02-Apr-12		KEJ
<i>Acleris nivisellana</i>	LINCOLN: Bradley Bog	06-Apr-12		KEJ
<i>Acleris nivisellana</i>	IOWA: Mueller Prairie	21-Jun-12		KEJ
<i>Acleris oxycoccana</i>	PORTAGE: Dewey Marsh	07-Apr-12		KEJ
<i>Acleris robinsoniana</i>	MILWAUKEE: Root River Parkway	01-Jul-12		KEJ
<i>Acleris schalleriana</i>	Dane: Swamp Lover's Preserve	10-Jan-12	01-Dec-12	KEJ
<i>Acleris schalleriana</i>	MILWAUKEE: Schlitz Audubon Nature Center	31-Jan-12		KEJ
<i>Decodes basiplaganus</i>	DANE: Swamp Lover's Preserve	19-Sep-12		KEJ
<i>Sparganothis unifasciana</i>	DANE: Stagecoach Prairie	22-Jun-12		KEJ
<i>Aethes baloghi</i>	GRANT: Eagle Valley Preserve	29-Jun-12		KEJ

GEOMETRIDAE

<i>Archiearis infans</i>	ASHLAND: Black Creek Uplands	02-Apr-12	03-Apr-12	KEJ
<i>Archiearis infans</i>	LINCOLN: 3 sites SW of Tomahawk	07-Apr-12	14-Apr-12	KEJ
<i>Leucobrephos brephoides</i>	BAYFIELD: Moquah Barrens	24-Mar-12		SAS
<i>Leucobrephos brephoides</i>	PRICE: bogs by FR 137	25-Mar-12		SAS
<i>Macaria truncataria</i>	SHAWANO: Navarino Bog	29-Apr-12		KEJ
<i>Digrammia ocellinata</i>	Rock: Magnolia Bluff County Park	30-Jul-12		LAF
<i>Mellilla xanthometata</i>	Grant: Eagle Valley Preserve	29-Mar-12	29-Jul-12	KEJ
<i>Glenoides texanaria</i> STATE RECORD	ROCK: Lawrence Prairie	16-Sep-12		KEJ
<i>Eufidonia discospilata</i>	SHAWANO: Navarino Bog	29-Apr-12		KEJ
<i>Erannis tiliaria</i>	Rock: Magnolia Bluff County Park	24-Oct-12		LAF
<i>Epirranthis substriataria</i>	SAWYER: Swanson Creek	02-Apr-12		KEJ
<i>Hethemia pistasciaria</i>	WASHBURN: Chicog Lake Peatland	04-Jun-12		KEJ
<i>Hethemia pistasciaria</i>	SAWYER: Goodman Lake Bog	04-Jun-12		KEJ
<i>Hydriomena divisaria</i>	Vilas: Haymeadow Creek Barrens	03-May-12		KEJ
<i>Triphosa haesitata</i>	VILAS: Haymeadow Creek Barrens	03-May-12		KEJ
<i>Stamnodes gibbicostata</i>	GREEN: Abraham's Woods Prairie	15-Sep-12		KEJ
<i>Stamnodes gibbicostata</i>	GRANT: Jamestown Twp. (Sandy Hook)	16-Sep-12		LAF

Orthonama centrostrigaria rather late date	Dane: Swamp Lover's Preserve	01-Dec-12	03-Dec-12	KEJ
Disclisioprocta stellata	GREEN: Abraham's Woods Prairie	15-Sep-12		KEJ
Disclisioprocta stellata	ROCK: Lawrence Prairie	16-Sep-12		KEJ
Disclisioprocta stellata	GRANT: Eagle Valley Preserve	24-Sep-12		KEJ
Acasis viridata	DUNN: Hoffman Hills	13-Apr-12		KEJ
THYATIRIDAE				
Habrosyne gloriosa	ROCK: Magnolia Bluff County Park	30-Jul-12		LAF
Euthyatira pudens	LINCOLN: N of Spirit Falls	12-Apr-12		KEJ
SATURNIIDAE				
Eacles imperialis	Waukesha: Okauchee	16-Jul-12		JAE
SPHINGIDAE				
Sphinx chersis	TAYLOR: 5 mi. NE of Medford (Washington Flowage)	18-Jun-12		JFR
Deidamia inscriptum earliest WI date, record from Ian Miller	EAU CLAIRE: Eau Claire	27-Mar-12		LAF
Hyles lineata early record	Dane: Middleton	03-May-12		LAF
Hyles lineata	VILAS: Barrens 3 mi. N of Conover	03-Jun-12		LAF
NOCTUIDAE				
Trichoplusia ni	Dane: Middleton (Ferge backyard)	28-Aug-12		LAF
Rachiplusia ou	Dane: Middleton (Ferge backyard)	03-May-12	11-May-12	LAF
Megalographa biloba	LINCOLN: Armstrong Creek Bog	07-Apr-12		KEJ
Megalographa biloba	DUNN: Hoffman Hills	13-Apr-12		KEJ
Megalographa biloba	TAYLOR: Medford	24-Apr-12		JFR
Megalographa biloba	SHAWANO: Navarino Bog	29-Apr-12		KEJ
Megalographa biloba	Dane: Middleton (Ferge backyard)	03-May-12		LAF
Syngnapha microgamma	SAWYER: Mukwonago Lake Peatland	04-Jun-12		KEJ
Spragueia leo	CRAWFORD: Hogback Prairie	14-Aug-12		KEJ
Simyra insularis very early date	Grant: Sandy Hook	24-Mar-12		KEJ
Psychomorpha epimenis	Rock: Magnolia Bluff County Park	02-Apr-12		LAF
Psaphida thaxteriana	Dane: Swamp Lover's Preserve	19-Mar-12	21-Mar-12	GWG
Brachionycha borealis southern range extension	GRANT: Eagle Valley Preserve	29-Mar-12		KEJ
Azenia obtusa	Grant: Eagle Valley Preserve	28-Jul-12		KEJ
Heliothis subflexa	GRANT: Eagle Valley Preserve	29-Jul-12		KEJ
Schinia grandimedia	ROCK: Lawrence Prairie	07-Aug-12		KEJ
Schinia grandimedia	Crawford: Hanson & Hogback Prairies	11-Aug-12	14-Aug-12	KEJ
Schinia indiana	Jackson: Bauer-Brockway Barrens	11-May-12	20-May-12	SAS
Schinia indiana	Burnett: Fish Lake Wildlife Area	25-May-12		SAS
Schinia lucens	Iowa: Mueller Prairie	21-Jun-12		KEJ
Schinia lucens	ROCK: Lawrence Prairie	26-Jun-12		KEJ
Schinia lucens	Crawford: Hogback Prairie	26-Jun-12		SAS
Schinia lucens	Grant: Dewey Heights Prairie	26-Jun-12		SAS
Schinia lucens	Green : Oliver Prairie	28-Jun-12		SAS
Schinia lynx	GREEN: Avon Bottoms Wildlife Area	30-Jul-12		LAF
Schinia lynx	ROCK: Lawrence Prairie	07-Aug-12		KEJ
Schinia rivulosa	Dane: Middleton (Ferge backyard)	25-Aug-12		LAF
Schinia thoreau	GREEN: Avon Bottoms Wildlife Area	30-Jul-12		LAF
Micrathetis triplex STATE RECORD, det. J. D. Lafontaine	ROCK: Magnolia Bluff County Park	30-Jul-12		LAF
Spodoptera exigua also GWG	Dane: Stagecoach Prairie & Swamp Lover's Preserve	14-Jul-12	22-Oct-12	KEJ
Spodoptera exigua	IOWA: Mueller Prairie	03-Aug-12	11-Sep-12	KEJ
Spodoptera exigua	CRAWFORD: Hanson Prairie	11-Aug-12	28-Sep-12	KEJ
Spodoptera exigua	MILWAUKEE: Root River Parkway	12-Sep-12		KEJ
Spodoptera exigua	GREEN: Abraham's Woods Prairie	15-Sep-12		KEJ
Spodoptera exigua	ROCK: Lawrence Prairie	16-Sep-12		KEJ
Spodoptera exigua	Rock: Magnolia Bluff County Park	16-Oct-12	24-Oct-12	LAF
Spodoptera exigua	GREEN: Avon Bottoms Wildlife Area	24-Oct-12		LAF

Elaphria chalcedonia also GWG	Dane: Stagecoach Prairie & Swamp Lover's Preserve	22-Jun-12	29-Sep-12	KEJ
Elaphria chalcedonia	GRANT: Eagle Valley Preserve	29-Jul-12	24-Oct-12	KEJ
Elaphria chalcedonia	CRAWFORD: Hanson Prairie	11-Aug-12	28-Sep-12	KEJ
Elaphria chalcedonia	GREEN: Abraham's Woods Prairie	15-Sep-12		KEJ
Elaphria chalcedonia	ROCK: Lawrence Prairie	16-Sep-12		KEJ
Oligia chlorostigma	Dane: Stagecoach Prairie	22-Jun-12		KEJ
Oligia fractilinea	ROCK: Magnolia Bluff County Park	30-Jul-12		LAF
Papaipema cataphracta	GRANT: Jamestown Twp. (Sandy Hook)	16-Sep-12		LAF
Papaipema cerina also KEJ	GREEN: Abraham's Woods Prairie	15-Sep-12		SCB
Papaipema cerina	Grant: Jamestown Twp. (Sandy Hook)	16-Sep-12		LAF
Papaipema cerina	Rock: Magnolia Bluff County Park	16-Oct-12		LAF
Papaipema eupatorii	Rock: Magnolia Bluff County Park	16-Oct-12		LAF
Papaipema impecuniosa	Rock: Magnolia Bluff Co. Pk. & Avon Bottoms WA	16-Oct-12	23-Oct-12	LAF
Papaipema inquaesita	Grant: Jamestown Twp. (Sandy Hook)	16-Sep-12		LAF
Papaipema leucostigma	Dane: Middleton (Ferge backyard)	28-Aug-12		LAF
Papaipema leucostigma	Grant: Jamestown Twp. (Sandy Hook)	16-Sep-12		LAF
Papaipema lysimachiae	Dane: Swamp Lover's Preserve	01-Sep-12		GWG
Papaipema marginidens also KEJ	GREEN: Abraham's Woods Prairie	15-Sep-12		SCB
Papaipema marginidens	Dane: Swamp Lover's Preserve	19-Sep-12		KEJ
Papaipema marginidens also KEJ	CRAWFORD: Hanson Prairie	28-Sep-12		SCB
Papaipema nebris	Grant: Jamestown Twp. (Sandy Hook)	16-Sep-12		LAF
Papaipema rutila	Dane: Stagecoach Prairie	10-Sep-12		KEJ
Papaipema rutila also KEJ	GREEN: Abraham's Woods Prairie	15-Sep-12		SCB
Papaipema rutila	Grant: Eagle Valley Preserve	25-Sep-12		KEJ
Papaipema sciata	Dane: Swamp Lover's Preserve	22-Oct-12		GWG
Papaipema sciata	Rock: Avon Bottoms Wildlife Area (Smith Rd.)	23-Oct-12		LAF
Hydraecia stramentosa	IOWA: Mueller Prairie	11-Sep-12		KEJ
Xylena thoracica ex. Salix discolor catkins at night	PRICE: Riley Lake Bog	01-Apr-12		KEJ
Xylena thoracica	VILAS: Haymeadow Creek Barrens	01-May-12		KEJ
Litholomia napaea ex. Salix discolor catkins at night	PRICE: Riley Lake Bog	31-Mar-12	01-Apr-12	KEJ
Litholomia napaea ex. Salix discolor catkins at night	Ashland: Black Creek Uplands	02-Apr-12		KEJ
Lithophane antennata	Dane: Swamp Lover's Preserve	15-Feb-12	03-Dec-12	KEJ
Lithophane baileyi	Ashland: Black Creek Bog	02-Apr-12		KEJ
Lithophane baileyi	SAWYER: Swanson Creek	02-Apr-12		KEJ
Lithophane disposita	PRICE: Riley Lake Bog	01-Apr-12		KEJ
Lithophane fagina ex. Salix discolor catkins at night	Price: Riley Lake Bog	31-Mar-12	01-Apr-12	KEJ
Lithophane fagina	Ashland: Black Creek Uplands	02-Apr-12		KEJ
Lithophane fagina	SAWYER: Swanson Creek	02-Apr-12		KEJ
Lithophane franclemonti	ROCK: Magnolia Bluff County Park	12-Mar-12	16-Oct-12	LAF
Lithophane franclemonti also KEJ	Crawford: Hanson Prairie	28-Sep-12		SCB
Lithophane patefacta	SAWYER: Swanson Creek	02-Apr-12		KEJ
Lithophane pexata ex. Salix discolor & S. petiolaris catkins at night	Price: Riley Lake Bog	31-Mar-12	01-Apr-12	KEJ
Lithophane pexata	SAWYER: Swanson Creek	02-Apr-12		KEJ
Lithophane scottae	LAFAYETTE: Hardscrabble Prairie SNA	13-Mar-12		LAF
Lithophane scottae	Grant: Eagle Valley Preserve	24-Oct-12		KEJ
Lithophane semiusta	BROWN: East River Trail	07-Mar-12		KEJ
Lithophane semiusta also KEJ	Crawford: Hanson Prairie	28-Sep-12		SCB
Lithophane semiusta	ROCK: Magnolia Bluff County Park	16-Oct-12		LAF
Lithophane semiusta	Grant: Eagle Valley Preserve	24-Oct-12		KEJ
Lithophane tepida ex. Salix discolor catkins at night	PRICE: Riley Lake Bog	31-Mar-12	01-Apr-12	KEJ

Lithophane tepida	Ashland: Black Creek Uplands	02-Apr-12		KEJ
Lithophane thaxteri	Price: Riley Lake Bog	31-Mar-12	01-Apr-12	KEJ
Lithophane thaxteri	Ashland: Black Creek Bog	02-Apr-12		KEJ
Pyreferra citrombra	MILWAUKEE: Schlitz Audubon Nature Center	31-Jan-12		KEJ
Eupsilia devia	ROCK: Magnolia Bluff County Park	12-Mar-12		LAF
Eupsilia devia	PRICE: Riley Lake Bog	31-Mar-12	01-Apr-12	KEJ
Eupsilia devia	SAWYER: Swanson Creek	02-Apr-12		KEJ
Eupsilia morrisoni	Dane: Swamp Lover's Preserve	10-Jan-12	03-Dec-12	KEJ
Eupsilia morrisoni	MILWAUKEE: Schlitz Audubon Nature Center	31-Jan-12		KEJ
Eupsilia sidus	MILWAUKEE: Schlitz Audubon Nature Center	31-Jan-12		KEJ
Eupsilia sidus	Dane: Swamp Lover's Preserve	01-Dec-12	03-Dec-12	KEJ
Eupsilia vinulenta	Dane: Swamp Lover's Preserve	10-Jan-12		KEJ
Eupsilia vinulenta	MILWAUKEE: Schlitz Audubon Nature Center	31-Jan-12		KEJ
Sericaglaea signata	ROCK: Magnolia Bluff County Park	12-Mar-12		LAF
Epiglaea decliva	ROCK: Magnolia Bluff County Park	16-Oct-12	21-Nov-12	LAF
Pachypolia atricornis	GRANT: Eagle Valley Preserve	24-Oct-12		KEJ
Orthosia revicta	Ashland: Black Creek Uplands	02-Apr-12		KEJ
ex. Salix discolor & S. petiolaris catkins at night				
Orthosia rubescens	DUNN: Hoffman Hills	13-Apr-12		KEJ
ex. Prunus americana flowers at night				
Trichordestra rugosa	WASHBURN: Chicog Lake Peatland	04-Jun-12		KEJ
Papestra quadrata	Vilas: Haymeadow Creek Barrens	01-May-12		KEJ
Coranarta luteola	Bayfield: Little Bass Lake Peatland	23-Apr-12		KEJ
very early date				
Faronta rubripennis	Grant: Eagle Valley Preserve	29-Jul-12		KEJ
abundant				
Faronta rubripennis	Dane: Swamp Lover's Preserve	01-Sep-12		GWG
Mythimna unipuncta	Rock: Magnolia Bluff County Park	12-Mar-12	21-Nov-12	LAF
Leucania adjuta	ROCK: Avon Bottoms Wildlife Area (Hopkins Rd.)	24-Oct-12		LAF
Tricholita notata	IOWA: Mueller Prairie	11-Sep-12		KEJ
Tricholita notata	MILWAUKEE: Root River Parkway	12-Sep-12		KEJ
Peridroma saucia	Rock: Magnolia Bluff County Park	12-Mar-12	21-Nov-12	LAF
Anicla infecta	ROCK: Lawrence Prairie	16-Sep-12		KEJ
Anicla infecta	Rock: Magnolia Bluff County Park	24-Oct-12		LAF
Dichagyris acclivis	GRANT: Eagle Valley Preserve	28-Jul-12		KEJ
Dichagyris acclivis	ROCK: Avon Bottoms Wildlife Area (Hopkins Rd.)	30-Jul-12		LAF
Dichagyris grotei	Crawford: Hogback Prairie	14-Aug-12		KEJ
Feltia subterranea	GRANT: Eagle Valley Preserve	25-Sep-12	24-Oct-12	KEJ
Cerastis salicarium	Price: Riley Lake Bog	31-Mar-12	01-Apr-12	KEJ
ex. Salix discolor catkins at night				
Cerastis tenebrifera	TAYLOR: Medford	23-Mar-12		JFR
Hemipachnobia monochromatea	Vilas: Bog 2 mi. N of Conover	03-Jun-12		LAF
Aplectoides condita	Vilas: Bog 4 mi. N of Conover	03-Jun-12		LAF
EREBIDAE				
Grammia parthenice	Vilas: Bog 4 mi. N of Conover	28-Jul-12		LAF
Spilosoma dubia	Vilas: Bog 4 mi. N of Conover	03-Jun-12		LAF
Spilosoma virginica	TAYLOR: Medford	15-Apr-12		JFR
Platarctia parthenos	Ashland: Clam Lake Bog	04-Jun-12		KEJ
Idia denticulalis	TREMPEALEAU: Perrot State Park	27-Jul-12		KEJ
Zanclognatha pedipilalis	Rock: Avon Bottoms Wildlife Area (Hopkins Rd.)	30-Jul-12		LAF
Tetanolita floridana	Rock: Avon Bottoms Wildlife Area (Hopkins Rd.)	30-Jul-12		LAF
Tetanolita floridana	GRANT: Jamestown Twp. (Sandy Hook)	16-Sep-12		LAF
Tetanolita mynesalis	ROCK: Avon Bottoms Wildlife Area (Smith Rd.)	23-Oct-12		LAF
Hypena scabra	Dane: Swamp Lover's Preserve	01-Dec-12	03-Dec-12	KEJ
rather late date				
Scolecocampa liburna	Grant: Eagle Valley Preserve	29-Jun-12		KEJ
Plusiodonta compressipalpis	Rock: Magnolia Bluff County Park	23-Oct-12		LAF
Cissusa spadix	MARQUETTE: Wood Lake	14-Apr-12		KEJ
Melipotis jucunda	ROCK: Avon Bottoms Wildlife Area (Hopkins Rd.)	23-Oct-12		LAF
STATE RECORD				
Caenurgia chloropha	ROCK: Avon Bottoms Wildlife Area (Hopkins Rd.)	23-Oct-12		LAF

Celiptera frustulum	Trempealeau: Perrot State Park	27-Jul-12	KEJ
Anticarsia gemmatalis	ROCK: Magnolia Bluff County Park	16-Oct-12	LAF
Anticarsia gemmatalis surprisingly scarce this year	GRANT: Eagle Valley Preserve	23-Oct-12	KEJ
Zale duplicata very early date	ASHLAND: Black Creek Bog	02-Apr-12	KEJ
Zale metatoides	VILAS: Haymeadow Creek Barrens	03-May-12	KEJ
Zale obliqua det. Hugo Kons Jr.	VILAS: Haymeadow Creek Barrens	01-May-12 03-May-12	KEJ
Zale submediana det. Hugo Kons Jr.	VILAS: Haymeadow Creek Barrens	01-May-12 03-May-12	KEJ
Spiloloma lunilinea	Grant: Eagle Valley Preserve	29-Jun-12	KEJ
Catocala abbreviatella	Dane: Stagecoach Prairie	22-Jun-12	KEJ
Catocala abbreviatella abundant	Grant: Eagle Valley Preserve	29-Jun-12	KEJ
Catocala amestris	Dane: Stagecoach Prairie	22-Jun-12	KEJ
Catocala amestris	Crawford: Hanson Prairie	09-Jul-12	KEJ
Catocala nuptialis also Bob Borth	Trempealeau: Perrot State Park	27-Jul-12	KEJ
Catocala whitneyi	Crawford: Hanson Prairie	09-Jul-12	KEJ

Zone 9 Southeast

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

Coordinator: Brian G. Scholtens

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MV1 : M. Vukovich	DW2 : Darryl Willis	

General Comments:

We had a definite invasion of southern species this year. Maybe the most obvious was *Nathalis iole*, which appeared in most states, often in large numbers. We also had large movements of *Hemiargus ceraunus*, *Heliconius charithonius*, *Danaus gilippus*, *Anartia jatrophae*, etc. The season also continued well into November and December. In fact, we are still seeing several species with our current warm weather. No real winter yet.

ALABAMA

Moths

EREBIDAE

Ascalapha odorata photo record	Tuscaloosa: Northport	13-Jul-12	DA
Ascalapha odorata photo record	Mobile: Mobile	15-Jul-12	SF1

ARKANSAS

Butterflies

HESPERIIDAE

Urbanus dorantes	HOWARD:	21-Sep-12	CM
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LYCAENIDAE

Hemiargus ceraunus State record, photograph	HEMPSTEAD: Millwood Dam, along eastern base	01-Oct-12	CM
Hemiargus ceraunus	LITTLE RIVER: Millwood Dam, along western base	12-Oct-12	CM
Echinargus isola	HOWARD: levee on Okay Landing	12-Oct-12	CM

NYMPHALIDAE

Danaus gilippus	HOWARD: Okay Rd. & Okay Landing Rd.	12-Oct-12	CM
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FLORIDA

Butterflies

NYMPHALIDAE

Danaus plexippus	St. Johns: St. Augustine	26-Dec-12	PT2
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GEORGIA

Butterflies

HESPERIIDAE

Urbanus dorantes	Lowndes:	13-Sep-12	PH1
Pyrgus oileus	Dougherty: Chickasawhatchee WMA, 13-19 mi. SW of Albany	08-Mar-12	10-Mar-12 AFS
Pyrgus oileus	Burke: Yuchi WMA	21-Sep-12	LS
Pyrgus oileus	Laurens: Riverbend WMA	20-Oct-12	GPP
Pyrgus oileus	Twiggs: Bond Swamp	22-Oct-12	JRP
Pyrgus oileus	Upson: Pobiddy Rd. along Flint River	23-Oct-12	J/P
Amblyscirtes aesculapius	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	08-Mar-12	10-Mar-12 AFS
Copaeodes minima	Rockdale: Monastery of the Holy Spirit	08-Sep-12	SPA
Copaeodes minima 107 individuals!	Laurens: Hugh Gillis PFA	20-Oct-12	GPP
Hesperia metea	Bartow: Pine Log WMA	07-Apr-12	DV1
Problema byssus	Rockdale: Monastery of the Holy Spirit	18-Aug-12	08-Sep-12 SPA
Atrytonopsis hianna	Bartow: Pine Log WMA	07-Apr-12	DV1

PAPILIONIDAE

Papilio appalachiensis	Union: Chattahoochee National Forest	27-Apr-12	PH1
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PIERIDAE

Ascia monuste	McIntosh: Sapelo Island	26-Jan-12	JAH
Ascia monuste	Glynn:	04-Sep-12	RB3
Anthocharis midea	Dougherty: Chickasawhatchee WMA, 13-19 mi. SW of Albany	08-Mar-12	10-Mar-12 AFS
Nathalis iole	Rockdale: Monastery of the Holy Spirit	08-Sep-12	SPA
Nathalis iole	CHEROKEE: Woodstock	24-Sep-12	VD1

LYCAENIDAE

Callophrys augustinus Good southern record	TALBOT: Near Howard	24-Mar-12	V/H
Callophrys augustinus	BARTOW: Pine Log WMA	07-Apr-12	DV1
Parrhasius m-album	Rockdale: Monastery of the Holy Spirit	08-Sep-12	SPA
Parrhasius m-album	LAURENS: Riverbend WMA	20-Oct-12	GPP
Parrhasius m-album	Twiggs: Bond Swamp	22-Oct-12	JRP
Leptotes cassius	Glynn:	04-Sep-12	RB3
Leptotes cassius	Chatham: Savannah	15-Oct-12	JT2
Hemiargus ceraunus	Glynn:	04-Sep-12	RB3

Hemiargus ceraunus	Chatham: Sparrow Field, Skidaway Island	07-Sep-12		FC1
Hemiargus ceraunus	Taylor :	15-Sep-12		JRP
Hemiargus ceraunus	Burke: Yuchi WMA	21-Sep-12		LS
Hemiargus ceraunus	Twiggs:	23-Sep-12		JRP
Hemiargus ceraunus	Bibb: west of Macon	24-Sep-12		JRP
Hemiargus ceraunus	Jones:	25-Sep-12		JRP
Hemiargus ceraunus	Jasper:	25-Sep-12		JRP
Hemiargus ceraunus	ROCKDALE: Monastery of the Holy Spirit	26-Sep-12	13-Oct-12	SPA
Widespread in many counties farther north than usual this year				
Hemiargus ceraunus	MONROE: Rum Creek WMA	17-Oct-12		J/P
Hemiargus ceraunus	LAURENS: Riverbend WMA	20-Oct-12		GPP
32 individuals				
Hemiargus ceraunus	Laurens: Hugh Gillis PFA	20-Oct-12		GPP
NYMPHALIDAE				
Lethe appalachia	SUMTER: Americus	05-Aug-12		SP1
Lethe appalachia	GLYNN: Clayhole Swamp WMA	29-Sep-12		MC
Speyeria diana	Gilmer: 8 mi. NW of Ellijay, along Gates Chapel Rd.	18-Jun-12	20-Jun-12	ILF
2 females, extremely EARLY for females				
Speyeria diana	GORDON: Calhoun (JKA residence)	26-Jun-12		PA1
Boloria bellona	UNION: Chattahoochee National Forest	27-Apr-12		PH1
50 mi WSW of nearest other known locations				
Anthanassa texana seminole	SUMTER: Americus	29-Jul-12		SP1
Anthanassa texana seminole	GLYNN: Clayhole Swamp WMA	29-Sep-12		MC
Anthanassa texana seminole	LAURENS: Riverbend WMA	20-Oct-12		GPP
121 individuals!!				
Anthanassa texana seminole	Twiggs: Bond Swamp	22-Oct-12		JRP
Moths				
OECOPHORIDAE				
Decantha stecia	CHARLTON: US 1 SE of Race Pond	02-Mar-12		JV
Although likely widespread, virtually no records for GA				
CRAMBIDAE				
Chilo erianthalis	BULLOCH: Statesboro	13-May-12		LAD
Donacula aquilella	MCINTOSH: Sapelo Island	10-May-12		H/D
Loxostege ceralalis	WHITFIELD: Rocky Face Ridgeline, SW of Dalton	10-Sep-12		JKA
Second location in GA				
Samea multiplicalis	MCINTOSH: Sapelo Island	10-May-12		H/D
Few GA records				
PYRALIDAE				
Cactoblastis cactorum	MCINTOSH: Sapelo Island	14-Sep-12		H/D
STATE; unfortunately!				
SESIIDAE				
Synanthedon kathyae	Gilmer: 8 mi. NW of Ellijay, along Gates Chapel Rd.	18-Jun-12		ILF
LIMACODIDAE				
Packardia elegans	FANNIN: Cooper's Creek Rec Area, N of Hwy. 60	14-Jun-12		A/D
Second location in GA, 50 mi. WSW of other location				
TORTRICIDAE				
Rhyacionia subtropica	WARE: Dixon Mem Forest WMA, SW of Laura Walker SP	22-Dec-11		A/F
STATE record				
Eucosma quinque maculana	Dougherty: Chickasawhatchee WMA, 13-19 mi. SW of Albany	27-Sep-12		JKA
Earlier records than last year				
Sparganothis sulfureana	MCINTOSH: Sapelo Island	10-May-12		H/D
GEOMETRIDAE				
Heliomata infulata	WHITFIELD: Rocky Face Ridgeline, SW of Dalton	04-Apr-12	29-Apr-12	JKA
Stenoporpia polygrammaria	WHITFIELD: Rocky Face Ridgeline, SW of Dalton	04-Sep-12		JKA
Second location in GA				
Paleacrita merriccata	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	21-Dec-11		A/F
EARLY; 20+ one trap location only				
Lomographa semiclarata	Gilmer: 8 mi. NW of Ellijay, along Gates Chapel Rd.	28-Mar-12	30-Mar-12	ILF
<10 records for GA				
Ceratomyx satanaria	Gordon: Calhoun (JKA residence)	03-Feb-12	12-Feb-12	A/F
Feb. 3 EARLY by nearly a month; female on Feb. 21 (third female for GA)				
Lytrosia permagnaria	Whitfield: Rocky Face Ridgeline, SW of Dalton	29-Apr-12		JKA
EARLY; first April record				

<i>Selenia kentaria</i> Summer form, much less common	Gilmer: 8 mi. NW of Ellijay, along Gates Chapel Rd.	18-Jun-12	20-Jun-12	ILF
<i>Cepphis decoloraria</i>	Fannin: Cooper's Creek Rec Area, N of Hwy. 60	14-Jun-12	17-Aug-12	A/D
<i>Caripeta angustiorata</i> STATE record	GILMER: 8 mi. NW of Ellijay, along Gates Chapel Rd.	28-Mar-12	30-Mar-12	ILF
<i>Sicya macularia</i> Second location in GA, 50 mi. WSW of other location	FANNIN: Cooper's Creek Rec Area, N of Hwy. 60	14-Jun-12		A/D
<i>Nemoria catachloa</i> Few GA records	Ware: Dixon Mem Forest WMA, SW of Laura Walker SP	22-Dec-11		A/F
<i>Synchlora cupedinaria</i> STATE record	CHARLTON: US 1 SE of Race Pond	02-Mar-12		JV
<i>Euacidalia sericearia</i> STATE record	WHITFIELD: Carbondale, I-75 exit 326	26-Aug-12		JKA
<i>Idaea retractaria</i> STATE record	MCINTOSH: Sapelo Island	10-May-12		H/D
<i>Scopula lautaria</i> Few GA records	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	08-Mar-12		A/F
<i>Venusia comptaria</i> Not previously recorded from S GA	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	08-Mar-12		A/F
LASIOCAMPIDAE				
<i>Tolyte minta</i> Fourth location in GA	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	21-Dec-11		A/F
<i>Heteropacha rileyana</i> Very few in STATE; one trap location only	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	08-Mar-12	10-Mar-12	AFS
NOTODONTIDAE				
<i>Datana ranaeiceps</i>	MCINTOSH: Sapelo Island	14-Sep-12		H/D
<i>Heterocampa astarte</i>	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	08-Mar-12		A/F
<i>Hyparpax aurora</i>	FANNIN: Blue Ridge	11-Aug-12		JKA
NOCTUIDAE				
<i>Bagisara repanda</i>	FULTON: Atlanta (ILF's home)	28-Sep-12		ILF
<i>Acronicta connecta</i>	GILMER: 8 mi. NW of Ellijay, along Gates Chapel Rd.	18-Jun-12	20-Jun-12	ILF
<i>Acronicta sinescrpta</i> First since original description of the species	WARE: Dixon Mem Forest WMA, NE of Laura Walker SP	10-May-12		AFS
<i>Merolonche doli</i> Uncommon	Whitfield: Carbondale, I-75 exit 326	12-Mar-12	22-Mar-12	JKA
<i>Feralia major</i> second EARLIEST date for N GA	Whitfield: Carbondale, I-75 exit 326	30-Dec-11		JKA
<i>Basilodes pepita</i>	FANNIN: Morganton	18-Aug-12		A/D
<i>Cirrhophanus triangulifer</i>	Whitfield: Rocky Face Ridgeline, SW of Dalton	04-Sep-12		JKA
<i>Stiria rugifrons</i>	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	27-Sep-12		JKA
<i>Derrima stellata</i> STATE record; 8 specimens	MCINTOSH: Sapelo Island	29-Mar-12		JAH
<i>Pyrrhia cilisca</i>	FANNIN: Morganton	18-Aug-12		A/D
<i>Rhodoecia aurantiago</i>	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	27-Sep-12		JKA
<i>Schinia gracilentia</i>	Whitfield: Rocky Face Ridgeline, SW of Dalton	04-Sep-12		JKA
<i>Schinia lynx</i>	MCINTOSH: Sapelo Island	14-Sep-12		H/D
<i>Schinia petulans</i> Very few locations in GA	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	27-Sep-12		JKA
<i>Schinia saturata</i>	MCINTOSH: Sapelo Island	14-Sep-12		H/D
<i>Schinia tuberculum</i>	Dougherty: Chickasawhatchee WMA, 13-19 mi. SW of Albany	27-Sep-12		JKA
<i>Condica concisa</i> STATE; first confirmed records	MCINTOSH: Sapelo Island	17-Dec-12		H/D
<i>Condica claufacta</i> STATE; first confirmed records	MCINTOSH: Sapelo Island	17-Dec-12		H/D
<i>Micrathetis triplex</i> Second in STATE	WHITFIELD: Rocky Face Ridgeline, SW of Dalton	10-Sep-12		JKA
<i>Properigea costa</i> Only location for GA; first records for spring brood	Whitfield: Rocky Face Ridgeline, SW of Dalton	21-Apr-12	29-Apr-12	A/F
<i>Apamea helva</i>	WALKER: .5 mi. E of Davis Crossroads, along hwy. 193	13-Oct-12		JKA
<i>Apamea vulgaris</i> STATE record	WHITFIELD: Rocky Face Ridgeline, SW of Dalton	21-Apr-12	29-Apr-12	A/F
<i>Resapamea trigona</i> LATE	Bartow: 5 mi. ESE Fairmount, along Salacoa Ck	07-Sep-12		JKA
<i>Oligia fractilinea</i>	WALKER: .5 mi. E of Davis Crossroads, along hwy. 193	13-Oct-12		JKA
<i>Meropleon cosmion</i>	MCINTOSH: Sapelo Island	30-Nov-12		H/D

Meropleon diversicolor	WHITFIELD: Rocky Face Ridgeline, SW of Dalton	10-Sep-12		JKA
Meropleon titan third record for GA	WHITFIELD: Rocky Face Ridgeline, SW of Dalton	10-Sep-12		JKA
Archanara oblonga	MCINTOSH: Sapelo Island	26-Jan-12		JAH
Parapamea buffaloensis	WHITFIELD: Rocky Face Ridgeline, SW of Dalton	04-Sep-12		JKA
Papaipema furcata	Bartow: 5 mi. ESE Fairmount, along Salacoa Ck	07-Sep-12		JKA
Papaipema polymniae	Bartow: 5 mi. ESE Fairmount, along Salacoa Ck	07-Sep-12		JKA
Papaipema rigida STATE record	FANNIN: Cooper's Creek Rec Area, N of Hwy. 60	17-Aug-12		JKA
Lithophane lemmeri Very few locations in GA	MCINTOSH: Sapelo Island	26-Jan-12		JAH
Lithophane querquera	Gilmer: 8 mi. NW of Ellijay, along Gates Chapel Rd.	28-Mar-12	30-Mar-12	ILF
Epiglaea apiata Third specimen for STATE	WARE: Dixon Mem Forest WMA, SW of Laura Walker SP	22-Dec-11		A/F
Leucania callidior	BARTOW: 5 mi. ESE Fairmount, along Salacoa Ck	07-Sep-12		JKA
Ulolonche modesta New location for this moth; 5 specimens	Whitfield: Rocky Face Ridgeline, SW of Dalton	04-Apr-12	29-Apr-12	JKA
Xanthopastis timais Few GA records	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	09-Mar-12		A/F
Eucoptocnemis dapsilis	MCINTOSH: Sapelo Island	14-Sep-12	18-Oct-12	H/D
Eucoptocnemis dapsilis	MCINTOSH: Sapelo Island	17-Oct-12	18-Oct-12	H/D
Euxoa detersa STATE record	MCINTOSH: Sapelo Island	18-Oct-12	30-Nov-12	H/D
Feltia floridensis	MCINTOSH: Sapelo Island	18-Oct-12		H/D
Feltia geniculata	Whitfield: Rocky Face Ridgeline, SW of Dalton	10-Sep-12		JKA
Agnorisma bollii 113 individuals!!	WALKER: .5 mi. E of Davis Crossroads, along hwy. 193	13-Oct-12		JKA
EREBIDAE				
Utetheisa ornatrix	MONROE: Rum Creek WMA	17-Oct-12		J/P
Cosmosoma myrodora Uncommon, only S GA	MCINTOSH: Sapelo Island	14-Sep-12		H/D
Dyspyralis nigellus Only regular location for this moth	Fannin: Cooper's Creek Rec Area, N of Hwy. 60	14-Jun-12		A/D
Simplicia cornicalis STATE record	WARE: Dixon Mem Forest WMA, SW of Laura Walker SP	22-Dec-11		A/F
Phytometra rhodarialis EARLY	MONROE: Forsyth	29-Feb-12		TEJ
Hormoschista latipalpis Winter date	Dougherty: Chickasawhatchee WMA, 13-19 mi. SW of Albany	21-Dec-11		A/F
Ascalapha odorata	COLUMBIA: Evans	19-Jun-12		AM1
Ascalapha odorata	FANNIN: Blue Ridge	11-Aug-12		JKA
Anomis flava	MCINTOSH: Sapelo Island	18-Oct-12	30-Nov-12	H/D
Anomis illita Very few locations in GA	Whitfield: Rocky Face Ridgeline, SW of Dalton	04-Sep-12		JKA
Dinumma deponens US record	FANNIN: Morganton	15-Jun-12		A/D
Drasteria graphica	Ware: Dixon Mem Forest WMA, NE of Laura Walker SP	10-May-12		AFS
Ptichodis pacalis	Ware: Dixon Mem Forest WMA, NE of Laura Walker SP	10-May-12		AFS
Metallata absumens	MCINTOSH: Sapelo Island	14-Sep-12		H/D
Selenisa sueroides	Whitfield: Rocky Face Ridgeline, SW of Dalton	10-Sep-12		JKA
Metria amella Second location in N GA	WHITFIELD: Rocky Face Ridgeline, SW of Dalton	04-Apr-12		JKA
Zale phaeocapna Very few GA records	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	08-Mar-12	10-Mar-12	AFS
Dysgonia similis	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	10-May-12		A/F
Catocala delilah STATE record	MCINTOSH: Sapelo Island	10-May-12		H/D
EUTELIIDAE				
Eutelia pulcherrima 7 individuals	Whitfield: Carbondale, I-75 exit 326	22-Mar-12	09-Apr-12	JKA

LOUISIANA

Butterflies

HESPERIIDAE

Chioides albofasciatus photo record	Natchitoches: FS 342, Kisatchie NF	10-Aug-12	JT1
Urbanus dorantes photo record	Caddo: Broadmoor Terrace, Shreveport	19-Sep-12	JT1
Urbanus dorantes photo record	DeSoto: Missile Base Rd., Stonewall	23-Sep-12	JT1
Urbanus proteus photo record	DeSoto: Missile Base Rd., Stonewall	23-Sep-12	JT1
Urbanus proteus photo record	RED RIVER: Yearwood Rd	08-Oct-12	ROS
Urbanus proteus ID V. Albu	East Baton Rouge: Baton Rouge, LSU campus	04-Nov-12	SXA
Lerodea eufala photo record	RED RIVER: Red River NWR, Yates Tract	08-Oct-12	ROS
Hesperia meskei photo record	Natchitoches: FS Rd. 321, Kisatchie NF	05-Jun-12	JT1

PIERIDAE

Pontia protodice photo record	Caddo: Eddie Jones Park	30-May-12	JT1
Kricogonia lyside photo record, 2nd record in state	Caddo: Eddie Jones Park	24-May-12	JT1

LYCAENIDAE

Calycopis cecrops at MV light; ID V. Albu	East Baton Rouge: Baton Rouge, LSU campus	03-Jun-12	SXA
Hemiargus ceraunus photo record	Caddo: Eddie Jones Park	19-Aug-12	19-Sep-12 JT1
Hemiargus ceraunus photo record	Caddo: White Springs Rd	23-Sep-12	VL
Hemiargus ceraunus photo record	Caddo: Bickham Dickson Park, Shreveport	01-Oct-12	JT1
Hemiargus ceraunus photo record	Bossier: Bodcau Dam, Bodau WMA	04-Oct-12	JT1
Hemiargus ceraunus photo record	Grant: FS 146, Catahoula Ranger District, Kisatchie NF	06-Oct-12	JT1
Hemiargus ceraunus photo record	Rapides: FS 145, north of Hwy 8 between Bentley & Pollock	06-Oct-12	MF1
Hemiargus ceraunus photo record	DESOTO: White Springs Rd	07-Oct-12	ROS
Hemiargus ceraunus	Cameron: Peveto Woods	07-Nov-12	JT1

NYMPHALIDAE

Danaus gilippus photo record	DeSoto: Missile Base Rd., Stonewall	23-Sep-12	JT1
Danaus gilippus photo record	BOSSIER: Bodcau Dam Rd, Bodcau WMA	04-Oct-12	ROS
Danaus gilippus photo record	CLAIBORNE: Corney Lake Dam	03-Nov-12	ROS
Lethe anthedon photo record	Catahoula: Sicily Island WMA	02-Jun-12	JT1
Euptoieta claudia photo record	CLAIBORNE: Corney Lake Dam	03-Nov-12	ROS
Nymphalis antiopa photo record	CAMERON: Peveto Woods Sanctuary	11-Nov-12	DP3
Chlosyne lacinia State record, photograph	CADD0: Eddie Jones Park	21-Oct-12	JT1

Moths

CRAMBIDAE

Agriphila vulgigagella photo record	Caddo: 740 Prospect St , Shreveport	04-Nov-12	ROS
Anageshna primordialis at MV light; ID V. Albu	East Baton Rouge: Baton Rouge, LSU campus	20-Apr-12	SXA
Anageshna primordialis diurnal, flushed from vegetation; ID V. Albu	Vermilion: Indian Bayou	30-Jun-12	SXA

Colomychus talis photo record	Caddo: 740 Prospect St , Shreveport	26-May-12	ROS
Dicymolomia julianalis at MV light;ID V. Albu	East Baton Rouge: Baton Rouge, LSU campus	03-Jul-12	SXA
Epipagis huronialis diurnal, flushed from vegetation;ID V. Albu	Iberville: Ramah, Atchafalaya NWR	12-Apr-12	SXA
Evergestis rimosalis at MV light;ID V. Albu	East Baton Rouge: Baton Rouge, LSU campus	13-May-12	SXA
Lamprosema victoriae photo record	Caddo: Bishop's Point Rec Area, Shreveport	08-Oct-12	ROS
Lineodes integra photo record	Caddo: 740 Prospect St , Shreveport	22-Sep-12	ROS
Lineodes integra photo record	RAPIDES: Lecompte	22-Sep-12	ROS
Samea baccatalis photo record	CADDO: Shreveport	26-Sep-12	ROS
Samea ecclesialis photo record	RAPIDES: Lecompte	22-Sep-12	ROS
Samea ecclesialis photo record	Caddo: 740 Prospect St , Shreveport	28-Sep-12	ROS
Samea multiplicalis resting at day under MV light;ID V. Albu	East Baton Rouge: Baton Rouge, LSU campus	31-Mar-12	SXA
Spoladea recurvalis photo record	RED RIVER: Yearwood Rd	08-Oct-12	ROS
PYRALIDAE			
Dolichomia olinalis photo record	Caddo: 740 Prospect St , Shreveport	19-Aug-09	ROS
COSSIDAE			
Givira anna resting under MV light;ID V. Albu	East Baton Rouge: Baton Rouge, LSU campus	20-Jul-12	SXA
TORTRICIDAE			
Pseudexentera faracana diurnal, flushed from vegetation;ID V. Albu	East Baton Rouge: Baton Rouge, LSU campus	21-Feb-12	SXA
Ancylis comptana diurnal, flushed from vegetation;ID V. Albu	Vermilion: Indian Bayou	16-Nov-12	SXA
Choristoneura rosaceana photo record	ST. LANDRY: Washington, LA	27-May-12	ROS
Sparganothis reticulatana at MV light;ID V. Albu	East Baton Rouge: Baton Rouge, LSU campus	03-Jun-12	SXA
Coelostathma placidana at MV light;ID V. Albu	East Baton Rouge: Baton Rouge, LSU campus	20-Apr-12	SXA
Coelostathma placidana at MV light;ID V. Albu	East Baton Rouge: Baton Rouge, LSU campus	03-Jul-12	SXA
Coelostathma placidana diurnal, flushed from vegetation;ID V. Albu	Vermilion: Indian Bayou	16-Nov-12	SXA
GEOMETRIDAE			
Macaria aemulataria diurnal, flushed from vegetation;ID V. Albu	Iberville: Ramah, Atchafalaya NWR	12-Apr-12	SXA
Macaria promiscuata diurnal, flushed from vegetation;ID V. Albu	Iberville: Ramah, Atchafalaya NWR	12-Apr-12	SXA
Anacamptodes cypressaria at MV light;ID V. Albu	East Baton Rouge: Baton Rouge, LSU campus	22-Jul-12	SXA
Anacamptodes defectaria at MV light;ID V. Albu	East Baton Rouge: Baton Rouge, LSU campus	28-Mar-12	SXA
Cleora projecta resting on wall under MV light;ID V. Albu	Livingston: Tickfaw S.P.	16-Jan-12	SXA
Protoboarmia porcelaria resting on wall under MV light;ID V. Albu	Livingston: Tickfaw S.P.	16-Jan-12	SXA
Euchlaena amoenaria photo record	Caddo: Eddie Jones, Shreveport	20-May-12	ROS
Xanthotype rufaria diurnal, flushed from vegetation;ID V. Albu	Vermilion: Indian Bayou	30-Jun-12	SXA
Synchlora frondaria at MV light;ID V. Albu	East Baton Rouge: Baton Rouge, LSU campus	20-Jul-12	SXA
Chlorochlamys phyllinaria at MV light;ID V. Albu	East Baton Rouge: Baton Rouge, LSU campus	20-Jul-12	SXA
Eupithecia miserulata photo record	Caddo: 740 Prospect St , Shreveport	08-Oct-12	ROS

SPHINGIDAE

Manduca sexta photo record	Caddo: 740 Prospect St , Shreveport	20-Jun-04	ROS
Amorpha juglandis photo record	Caddo: 740 Prospect St , Shreveport	25-Jul-09	ROS
Aellopos titan photo record	Caddo: 740 Prospect St , Shreveport	04-Nov-09	ROS
Enyo lugubris photo record	BOSSIER: Hwy 157 N or I20	04-Oct-12	ROS
Enyo lugubris photo record	Caddo: 740 Prospect St , Shreveport	05-Oct-12	ROS
Amphion floridensis photo record	Caddo: 740 Prospect St , Shreveport	20-Aug-12	ROS
Xylophanes tersa photo record	Caddo: 740 Prospect St , Shreveport	20-Jul-09	ROS
Xylophanes tersa at MV light;ID V. Albu	East Baton Rouge: Baton Rouge, LSU campus	13-Oct-12	SXA

NOTODONTIDAE

Furcula cinerea photo record	Caddo: 740 Prospect St , Shreveport	20-Jul-05	ROS
Nadata gibbosa photo record	RAPIDES: Lecompte	22-Sep-12	ROS

NOCTUIDAE

Thioptera nigrofimbria photo record	Caddo: 740 Prospect St , Shreveport	16-Aug-09	ROS
Thioptera nigrofimbria diurnal, flushed from vegetation;ID V. Albu	Iberville: Ramah, Atchafalaya NWR	12-Apr-12	SXA
Spragueia apicalis diurnal, flushed from vegetation;ID V. Albu	Iberville: Ramah, Atchafalaya NWR	12-Apr-12	SXA
Alypia octomaculata photo record	Caddo: 740 Prospect St , Shreveport	06-Apr-08	ROS
Helicoverpa zea photo record	Caddo: 740 Prospect St , Shreveport	20-Aug-09	ROS
Spodoptera eridania at MV light;ID V. Albu	East Baton Rouge: Baton Rouge, LSU campus	15-Sep-12	SXA
Morrisonia mucens resting at day under MV light;ID V. Albu	East Baton Rouge: Baton Rouge, LSU campus	21-Feb-12	SXA
Choephora fungorum photo record	Caddo: 740 Prospect St , Shreveport	11-Nov-12	ROS

EREBIDAE

Hypoprepia miniata photo record	Caddo: 740 Prospect St , Shreveport	29-May-02	ROS
Apantesis phalerata resting under MV light;ID V. Albu	East Baton Rouge: Baton Rouge, LSU campus	20-Jul-12	SXA
Spilosoma virginica resting on wall under MV light;ID V. Albu	East Baton Rouge: Baton Rouge, LSU campus	18-Apr-12	SXA
Hypercompe scribonia photo record	Caddo: 740 Prospect St , Shreveport	27-Aug-09	ROS
Utetheisa ornatrix photo record	Caddo: Bishop's Point Rec Area, Shreveport	29-Mar-07	ROS
Halysidota tessellaris photo record	Caddo: 740 Prospect St , Shreveport	18-Aug-09	ROS
Cosmosoma myrodora resting under MV light;ID V. Albu	East Baton Rouge: Baton Rouge, LSU campus	13-Jun-12	SXA
Cosmosoma myrodora resting under MV light;ID V. Albu	East Baton Rouge: Baton Rouge, LSU campus	22-Jun-12	SXA
Orgyia leucostigma resting at day under MV light;ID V. Albu	East Baton Rouge: Baton Rouge	13-Apr-12	SXA
Simplicia cornicalis photo record	Caddo: 740 Prospect St , Shreveport	12-Oct-12	ROS
Hypena manalis diurnal, flushed from vegetation;ID V. Albu	Iberville: Ramah, Atchafalaya NWR	12-Apr-12	SXA
Plusiodonta compressipalpis resting at day under MV light;ID V. Albu	Vermillon: Indian Bayou	30-Jun-12	SXA
Drasteria grandirena at MV light;ID V. Albu	East Baton Rouge: Baton Rouge, LSU campus	03-Jun-12	SXA
Anticarsia gemmatalis at MV light;ID V. Albu	East Baton Rouge: Baton Rouge, LSU campus	04-Nov-12	SXA

Metria amella resting at day under MV light;ID V. Albu	East Baton Rouge: Baton Rouge, LSU campus	18-Apr-12	SXA
Catocala neogama photo record	Caddo: 740 Prospect St , Shreveport	17-Jul-06	ROS
Catocala piatrix photo record	Caddo: 740 Prospect St , Shreveport	17-Jul-06	ROS

MISSISSIPPI

Butterflies

HESPERIIDAE

Pyrgus oileus	ADAMS: Natchez	01-Apr-12	RLP
Nastra lherminier	Pearl River: Picayune	24-Aug-12	RLP
Polites themistocles	Pearl River: Picayune	24-Aug-12	RLP
Polites vibex	Pearl River: Picayune	24-Aug-12	RLP
Atrytone arogos	PEARL RIVER: Picayune	04-Aug-12	CWM
Oligoria maculata	Pearl River: Picayune	24-Aug-12	RLP

PIERIDAE

Phoebis sennae eubule	Pearl River: Picayune	24-Aug-12	RLP
Pyrisitia lisa	Pearl River: Picayune	24-Aug-12	RLP
Abaeis nicippe	Pearl River: Picayune	24-Aug-12	RLP

Moths

SPHINGIDAE

Manduca jasmineearum	Claiborne: Grand Gulf	12-Aug-12	RLP
Paratreia plebeja	Warren: Vicksburg	08-May-12	RLP
Eumorpha achemon	Claiborne: Grand Gulf	14-May-12	RLP
Eumorpha pandorus	Claiborne: Grand Gulf	25-Apr-12	RLP

NOCTUIDAE

Exyra semicrocea	Pearl River: Picayune	24-Aug-12	10-Oct-12	RLP
Papaipema cataphracta	Warren: Vicksburg	03-Nov-12		RLP

EREBIDAE

Catocala insolabilis	Warren: Vicksburg	09-May-12		RLP
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NORTH CAROLINA

Butterflies

HESPERIIDAE

Urbanus proteus	Cabarrus: Concord	10-Sep-12		DW2
Thorybes bathyllus	Cabarrus: Concord	15-May-12		DW2
Erynnis horatius	Cabarrus: Concord	15-Aug-12		DW2
Lerema accius	Cabarrus: Concord	12-May-12	15-Sep-12	DW2
Ancyloxypha numitor	Cabarrus: Concord	17-Aug-12		DW2
Poanes yehl	Cabarrus: Concord	10-May-12		DW2

PAPILIONIDAE

Papilio polyxenes	Cabarrus: Concord	15-Sep-12		DW2
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LYCAENIDAE

Feniseca tarquinius	Cabarrus: Concord	06-Jun-12		DW2
Satyrrium liparops	Cabarrus: Concord	20-May-12	04-Jun-12	DW2
Callophrys niphon	Cabarrus: Concord	10-May-12	15-May-12	DW2
Calycopis cecrops	Cabarrus: Concord	20-Aug-12	22-Sep-12	DW2

NYMPHALIDAE

Lethe appalachia	Cabarrus: Concord	17-Jun-12	20-Jul-12	DW2
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Moths

ACROLOPHIDAE

Acrolophus popeanella	Cabarrus: Concord	12-Aug-12	20-Sep-12	DW2
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YPONOMEUTIDAE

Yponomeuta multipunctella	Cabarrus: Concord	06-May-12	22-Sep-12	DW2
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CRAMBIDAE

Crambus laqueatellus	Cabarrus: Concord	12-Aug-12		DW2
Diacme elealis	Cabarrus: Concord	14-Jun-12	10-Sep-12	DW2
Diaphania nitidalis	Cabarrus: Concord	10-Jul-12	22-Sep-12	DW2

<i>Dicymolomia julianalis</i>	Cabarrus: Concord	08-Aug-12		DW2
<i>Epipagis huronalis</i>	Cabarrus: Concord	12-Jul-12	20-Sep-12	DW2
<i>Eulepte anticostalis</i>	Cabarrus: Concord	17-May-12		DW2
<i>Eustixia pupula</i>	Cabarrus: Concord	07-May-12	20-Sep-12	DW2
<i>Hymenia perspectalis</i>	Cabarrus: Concord	10-Jun-12	22-Sep-12	DW2
<i>Munroessa icciusalis</i>	Cabarrus: Concord	10-Jun-12	20-Sep-12	DW2
<i>Nomophila nearctica</i>	Cabarrus: Concord	10-Jun-12	20-Sep-12	DW2
<i>Ostrinia nubilalis</i>	Cabarrus: Concord	10-May-12	22-Sep-12	DW2
<i>Palpita kimballi</i>	Cabarrus: Concord	10-Sep-12	12-Sep-12	DW2
<i>Pantographa limata</i>	Cabarrus: Concord	15-May-12	14-Aug-12	DW2
<i>Pyrausta acronalis</i>	Cabarrus: Concord	20-Mar-12	27-Mar-12	DW2
<i>Pyrausta bicoloralis</i>	Cabarrus: Concord	20-Sep-12		DW2
<i>Scoparia cinereomedia</i>	Cabarrus: Concord	17-May-12	10-Aug-12	DW2
PYRALIDAE				
<i>Pyralis disciferalis</i>	Cabarrus: Concord	10-Aug-12		DW2
<i>Hypsopygia costalis</i>	Cabarrus: Concord	12-May-12	20-Sep-12	DW2
<i>Parachma ochracealis</i>	Cabarrus: Concord	20-May-12		DW2
<i>Tosale oviplagalis</i>	Cabarrus: Concord	10-May-12	16-Aug-12	DW2
<i>Satole sacculana</i>	Cabarrus: Concord	10-Jul-12	18-Aug-12	DW2
<i>Macalla zelleri</i>	Cabarrus: Concord	10-Jun-12	14-Aug-12	DW2
<i>Dioryctria amatella</i>	Cabarrus: Concord	10-Jul-12	20-Sep-12	DW2
<i>Dioryctria taedae</i>	Cabarrus: Concord	12-Jul-12	20-Sep-12	DW2
<i>Euzophera semifuneralis</i>	Cabarrus: Concord	13-Jun-12		DW2
SESIIDAE				
<i>Synanthedon acerni</i>	Cabarrus: Concord	07-May-12	20-Sep-12	DW2
ZYGAENIDAE				
<i>Pyromorpha dimidiata</i>	Cabarrus: Concord	13-Jun-12		DW2
COSSIDAE				
<i>Cossula magnifica</i>	Cabarrus: Concord	10-Jun-12	06-Sep-12	DW2
LIMACODIDAE				
<i>Lithacodes fasciola</i>	Cabarrus: Concord	11-May-12	10-Sep-12	DW2
<i>Apoda y-inversum</i>	Cabarrus: Concord	10-May-12	18-Aug-12	DW2
<i>Prolimacodes badia</i>	Cabarrus: Concord	10-May-12	22-Sep-12	DW2
<i>Isochaetes beutenmuelleri</i>	Cabarrus: Concord	21-Jul-12		DW2
<i>Isa textula</i>	Cabarrus: Concord	20-May-12	16-Aug-12	DW2
<i>Parasa chloris</i>	Cabarrus: Concord	20-Jun-12	21-Jul-12	DW2
<i>Parasa indetermina</i>	Cabarrus: Concord	20-Jun-12	16-Jul-12	DW2
TORTRICIDAE				
<i>Epiblema tripartitana</i>	Cabarrus: Concord	15-May-12		DW2
<i>Choristoneura parallela</i>	Cabarrus: Concord	07-May-12	20-Sep-12	DW2
<i>Choristoneura rosaceana</i>	Cabarrus: Concord	10-May-12	22-Sep-12	DW2
GEOMETRIDAE				
<i>Alsophila pometaria</i>	Cabarrus: Concord	03-Feb-12	10-Feb-12	DW2
<i>Macaria aequiferaria</i>	Cabarrus: Concord	20-Mar-12	27-Mar-12	DW2
<i>Macaria bicolorata</i>	Cabarrus: Concord	20-Sep-12		DW2
<i>Macaria multilineata</i>	Cabarrus: Concord	20-Mar-12	27-Mar-12	DW2
<i>Glena plumosaria</i>	Cabarrus: Concord	13-Aug-12		DW2
<i>Melanolophia canadaria</i>	Cabarrus: Concord	28-Mar-12	22-Sep-12	DW2
<i>Phigalia denticulata</i>	Cabarrus: Concord	10-Feb-12		DW2
<i>Paleacrita vernata</i>	Cabarrus: Concord	10-Feb-12		DW2
<i>Thysanopyga intractata</i>	Cabarrus: Concord	20-Mar-12	27-Mar-12	DW2
<i>Nacophora quernaria</i>	Cabarrus: Concord	20-Mar-12	27-Mar-12	DW2
<i>Metarranthus homuraria</i>	Cabarrus: Concord	20-Mar-12	25-Jul-12	DW2
<i>Probole amicararia</i>	Cabarrus: Concord	20-Mar-12	27-Mar-12	DW2
<i>Besma quercivoraria</i>	Cabarrus: Concord	05-Jun-12	23-Jul-12	DW2
<i>Lambdina fervidaria</i>	Cabarrus: Concord	20-Mar-12	27-Mar-12	DW2
<i>Eusarca fundaria</i>	Cabarrus: Concord	01-Aug-12		DW2
<i>Tetracis crocallata</i>	Cabarrus: Concord	12-Jul-12		DW2
<i>Patalene olyzonaria</i>	Cabarrus: Concord	11-Jul-12		DW2

<i>Nemoria lixaria</i>	Cabarrus: Concord	16-Apr-12	20-Sep-12	DW2
<i>Chlorochlamys chloroleucaria</i>	Cabarrus: Concord	10-May-12	20-Sep-12	DW2
<i>Hethemia pistasciaria</i>	Cabarrus: Concord	20-Mar-12	27-Mar-12	DW2
<i>Idaea demissaria</i>	Cabarrus: Concord	10-May-12	22-Sep-12	DW2
<i>Idaea scintillularia</i>	Cabarrus: Concord	12-May-12	20-Sep-12	DW2
<i>Cyclophora packardi</i>	Cabarrus: Concord	11-May-12	20-Sep-12	DW2
<i>Haematopis grataria</i>	Cabarrus: Concord	12-May-12	22-Sep-12	DW2
<i>Scopula limboundata</i>	Cabarrus: Concord	10-May-12	20-Sep-12	DW2
<i>Eulithis gracilineata</i>	Cabarrus: Concord	14-Jul-12		DW2
<i>Hydriomena pluviata</i>	Cabarrus: Concord	20-Mar-12	27-Mar-12	DW2
<i>Hydriomena renunciata</i>	Cabarrus: Concord	20-Mar-12	27-Mar-12	DW2
<i>Hydriomena transfigurata</i>	Cabarrus: Concord	20-Mar-12	27-Mar-12	DW2
<i>Anticlea vasiliata</i>	Cabarrus: Concord	27-Apr-12	20-Sep-12	DW2
<i>Euphyia unangulata</i>	Cabarrus: Concord	08-May-12	17-Aug-12	DW2
<i>Orthonama centrostrigaria</i>	Cabarrus: Concord	20-Mar-12	22-Sep-12	DW2
<i>Orthonama obstipata</i>	Cabarrus: Concord	10-Feb-12	20-Sep-12	DW2
<i>Disclisioprocta stellata</i>	Cabarrus: Concord	06-Sep-12	22-Sep-12	DW2
<i>Hydrelia inornata</i>	Cabarrus: Concord	12-May-12	15-Aug-12	DW2
<i>Venusia comptaria</i>	Cabarrus: Concord	20-Mar-12	27-Mar-12	DW2
<i>Eubaphe mendica</i>	Cabarrus: Concord	10-May-12	15-Aug-12	DW2
<i>Eupithecia miserulata</i>	Cabarrus: Concord	06-May-12	20-Sep-12	DW2
<i>Cladara limitaria</i>	Cabarrus: Concord	21-Apr-12	10-May-12	DW2
THYATIRIDAE				
<i>Pseudothyatira cymatophoroides</i>	Cabarrus: Concord	07-Jun-12	22-Sep-12	DW2
DREPANIDAE				
<i>Drepana arcuata</i>	Cabarrus: Concord	08-Jun-12	19-Jul-12	DW2
<i>Oreta rosea</i>	Cabarrus: Concord	10-May-12	15-Jul-12	DW2
APATELODIDAE				
<i>Olceclostera angelica</i>	Cabarrus: Concord	10-May-12	15-Aug-12	DW2
MIMALLONIDAE				
<i>Lacosoma chiridota</i>	Cabarrus: Concord	10-Jun-12	15-Aug-12	DW2
LASIOCAMPIDAE				
<i>Phylodesma americana</i>	Cabarrus: Concord	16-May-12	12-Aug-12	DW2
<i>Malacosoma americanum</i>	Cabarrus: Concord	16-May-12	21-Jun-12	DW2
SATURNIIDAE				
<i>Anisota stigma</i>	Cabarrus: Concord	16-May-12	17-Aug-12	DW2
<i>Anisota virginiana</i>	Cabarrus: Concord	15-May-12	20-Sep-12	DW2
SPHINGIDAE				
<i>Manduca quinquemaculatus</i>	Cabarrus: Concord	18-Aug-12		DW2
<i>Dolba hyloeus</i>	Cabarrus: Concord	20-May-12		DW2
<i>Paratreia plebeja</i>	Cabarrus: Concord	20-May-12	15-Sep-12	DW2
<i>Enyo lugubris</i>	Cabarrus: Concord	04-Sep-12	22-Sep-12	DW2
<i>Eumorpha fasciatus</i>	Cabarrus: Concord	17-Aug-12		DW2
<i>Deidamia inscriptum</i>	Cabarrus: Concord	20-Mar-12	27-Mar-12	DW2
<i>Hyles lineata</i>	Cabarrus: Concord	18-Jun-12		DW2
NOTODONTIDAE				
<i>Clostera inclusa</i>	Cabarrus: Concord	07-May-12	20-Sep-12	DW2
<i>Hyperaeschra georgica</i>	Cabarrus: Concord	27-Mar-12	15-Sep-12	DW2
<i>Gluphisia septentrionis</i>	Cabarrus: Concord	20-Mar-12	15-Sep-12	DW2
<i>Furcula cinerea</i>	Cabarrus: Concord	08-Jun-12	20-Jul-12	DW2
<i>Datana angusii</i>	Cabarrus: Concord	22-May-12	18-Aug-12	DW2
<i>Datana drexelii</i>	Cabarrus: Concord	22-May-12	18-Aug-12	DW2
<i>Datana integerrima</i>	Cabarrus: Concord	22-May-12	18-Aug-12	DW2
<i>Datana ministra</i>	Cabarrus: Concord	22-May-12	18-Aug-12	DW2
<i>Peridea angulosa</i>	Cabarrus: Concord	22-May-12		DW2
<i>Ellida caniplaga</i>	Cabarrus: Concord	12-May-12	22-Sep-12	DW2
<i>Misogada unicolor</i>	Cabarrus: Concord	11-May-12	10-Sep-12	DW2
<i>Macrurocampa marthesia</i>	Cabarrus: Concord	20-Apr-12	01-Sep-12	DW2
<i>Heterocampa guttivitta</i>	Cabarrus: Concord	26-Apr-12	20-Sep-12	DW2

<i>Heterocampa subrotata</i>	Cabarrus: Concord	24-Apr-12	20-Sep-12	DW2
<i>Lochmaeus bilineata</i>	Cabarrus: Concord	22-Apr-12	18-Sep-12	DW2
<i>Lochmaeus manteo</i>	Cabarrus: Concord	10-Jun-12	14-Jul-12	DW2
<i>Schizura apicalis</i>	Cabarrus: Concord	08-May-12	16-Aug-12	DW2
<i>Schizura badia</i>	Cabarrus: Concord	14-Aug-12	21-Aug-12	DW2
<i>Schizura leptinoides</i>	Cabarrus: Concord	25-Apr-12	18-Sep-12	DW2
<i>Oligocentria semirufescens</i>	Cabarrus: Concord	10-May-12	14-Sep-12	DW2
<i>Oligocentria lignicolor</i>	Cabarrus: Concord	10-Jun-12	20-Sep-12	DW2
<i>Hyparpax aurora</i>	Cabarrus: Concord	22-May-12		DW2
<i>Dasylophia anguina</i>	Cabarrus: Concord	08-May-12	20-Sep-12	DW2
NOCTUIDAE				
<i>Enigmogramma basigera</i>	Cabarrus: Concord	10-Sep-12	22-Sep-12	DW2
<i>Trichoplusia ni</i>	Cabarrus: Concord	12-Jul-12	20-Sep-12	DW2
<i>Ctenoplusia oxygramma</i>	Cabarrus: Concord	10-Aug-12	22-Sep-12	DW2
<i>Allagrapha aerea</i>	Cabarrus: Concord	10-Jun-12	12-Sep-12	DW2
<i>Chrysanympa formosa</i>	Cabarrus: Concord	10-May-12	15-Aug-12	DW2
<i>Anagrapha falcifera</i>	Cabarrus: Concord	10-May-12	22-Sep-12	DW2
<i>Oruza albocostaliata</i>	Cabarrus: Concord	08-May-12	20-Sep-12	DW2
<i>Ozarba aerea</i>	Cabarrus: Concord	10-May-12	20-Sep-12	DW2
<i>Argillophora furcilla</i>	Cabarrus: Concord	12-Jul-12		DW2
<i>Acontia aprica</i>	Cabarrus: Concord	06-Jun-12	18-Aug-12	DW2
<i>Raphia abrupta</i>	Cabarrus: Concord	12-Aug-12		DW2
<i>Acronicta afflicta</i>	Transylvania: Pisgah NF	13-Jun-12	15-Jul-12	DW2
<i>Acronicta americana</i>	Transylvania: Pisgah NF	13-Jun-12	15-Jul-12	DW2
<i>Acronicta clarescens</i>	Cabarrus: Concord	03-Aug-12	07-Sep-12	DW2
<i>Acronicta funeralis</i>	Transylvania: Pisgah NF	13-Jul-12		DW2
<i>Acronicta haesitata</i>	Transylvania: Pisgah NF	13-Jun-12	15-Jul-12	DW2
<i>Acronicta hasta</i>	Transylvania: Pisgah NF	13-Jun-12	15-Jul-12	DW2
<i>Acronicta impleta</i>	Transylvania: Pisgah NF	13-Jun-12	15-Jul-12	DW2
<i>Acronicta innotata</i>	Transylvania: Pisgah NF	13-Jun-12	15-Jul-12	DW2
<i>Acronicta interrupta</i>	Transylvania: Pisgah NF	13-Jun-12	15-Jul-12	DW2
<i>Acronicta laetifica</i>	Transylvania: Pisgah NF	13-Jun-12	15-Jul-12	DW2
<i>Acronicta lobeliae</i>	Transylvania: Pisgah NF	13-Jun-12	15-Jul-12	DW2
<i>Acronicta modica</i>	Transylvania: Pisgah NF	13-Jun-12	15-Jul-12	DW2
<i>Acronicta ovata</i>	Transylvania: Pisgah NF	13-Jun-12	15-Jul-12	DW2
<i>Acronicta superans</i>	Transylvania: Pisgah NF	14-Jul-12		DW2
<i>Acronicta tristis</i>	Transylvania: Pisgah NF	13-Jun-12	15-Jul-12	DW2
<i>Acronicta tristis</i>	Cabarrus: Concord	15-Jul-12	10-Sep-12	DW2
<i>Comachara cadburyi</i>	Cabarrus: Concord	21-May-12		DW2
<i>Feralia major</i>	Cabarrus: Concord	10-Feb-12		DW2
<i>Phosphila miselioides</i>	Cabarrus: Concord	25-May-12	22-Sep-12	DW2
<i>Phosphila turbulenta</i>	Cabarrus: Concord	13-Aug-12		DW2
<i>Basilodes pepita</i>	Cabarrus: Concord	10-Aug-12	10-Sep-12	DW2
<i>Azenia obtusa</i>	Cabarrus: Concord	14-Jul-12		DW2
<i>Pyrrhia exprimens</i>	Transylvania: Pisgah NF	13-Jun-12	15-Jul-12	DW2
<i>Heliocheilus lupatus</i>	Cabarrus: Concord	20-Jul-12	12-Aug-12	DW2
<i>Schinia arcigera</i>	Cabarrus: Concord	06-Sep-12	22-Sep-12	DW2
<i>Condica mobilis</i>	Cabarrus: Concord	06-Sep-12	20-Sep-12	DW2
<i>Condica vecors</i>	Cabarrus: Concord	06-Sep-12	27-Oct-12	DW2
<i>Condica videns</i>	Cabarrus: Concord	20-Mar-12	22-Sep-12	DW2
<i>Ogdoconta cinereola</i>	Cabarrus: Concord	12-Jun-12		DW2
<i>Callopietria floridensis</i>	Cabarrus: Concord	12-Jun-12	22-Sep-12	DW2
<i>Callopietria mollissima</i>	Cabarrus: Concord	16-Jul-12	20-Aug-12	DW2
<i>Emarginea percara</i>	Cabarrus: Concord	13-Jul-12		DW2
<i>Spodoptera dolichos</i>	Cabarrus: Concord	06-Sep-12	22-Sep-12	DW2
<i>Spodoptera eridania</i>	Cabarrus: Concord	10-Aug-12	22-Sep-12	DW2
<i>Spodoptera exigua</i>	Cabarrus: Concord	15-May-12	22-Sep-12	DW2
<i>Spodoptera frugiperda</i>	Cabarrus: Concord	10-Jul-12	22-Sep-12	DW2
<i>Spodoptera ornithogalli</i>	Cabarrus: Concord	15-May-12	22-Sep-12	DW2

<i>Elaphria festivoides</i>	Cabarrus: Concord	17-Apr-12	22-Sep-12	DW2
<i>Elaphria georgei</i>	Cabarrus: Concord	20-Mar-12	27-Mar-12	DW2
<i>Elaphria grata</i>	Cabarrus: Concord	20-Mar-12	20-Sep-12	DW2
<i>Elaphria versicolor</i>	Cabarrus: Concord	20-Mar-12	10-Sep-12	DW2
<i>Galgula partita</i>	Cabarrus: Concord	20-Mar-12	20-Oct-12	DW2
<i>Cosmia calami</i>	Cabarrus: Concord	08-Jun-12	18-Aug-12	DW2
<i>Ipimorpha pleonectusa</i>	Cabarrus: Concord	10-Jul-12	16-Aug-12	DW2
<i>Nedra ramosula</i>	Cabarrus: Concord	27-Mar-12	20-Sep-12	DW2
<i>Phlogophora periculosa</i>	Cabarrus: Concord	20-Sep-12	20-Sep-12	DW2
<i>Chytonix sensilis</i>	Cabarrus: Concord	22-Sep-12		DW2
<i>Oligia chlorostigma</i>	Cabarrus: Concord	12-Aug-12	22-Aug-12	DW2
<i>Meropleon diversicolor</i>	Cabarrus: Concord	06-Sep-12	22-Sep-12	DW2
<i>Amphipoea velata</i>	Cabarrus: Concord	06-Jun-12	10-Aug-12	DW2
<i>Papaipema cataphracta</i>	Cabarrus: Concord	25-Oct-12		DW2
<i>Papaipema inquaesita</i>	Cabarrus: Concord	20-Sep-12		DW2
<i>Papaipema nebris</i>	Cabarrus: Concord	20-Sep-12		DW2
<i>Eupsilia vinulenta</i>	Cabarrus: Concord	04-Feb-12	10-Feb-12	DW2
<i>Orthosia rubescens</i>	Cabarrus: Concord	10-Feb-12		DW2
<i>Orthosia segregata</i>	Cabarrus: Concord	10-Aug-12	12-Aug-12	DW2
<i>Morrisonia mucens</i>	Cabarrus: Concord	27-Mar-12		DW2
<i>Nephelodes minians</i>	Cabarrus: Concord	14-Sep-12	25-Sep-12	DW2
<i>Leucania multilinea</i>	Cabarrus: Concord	15-Sep-12	22-Sep-12	DW2
<i>Leucania pseudargyria</i>	Cabarrus: Concord	20-Sep-12		DW2
<i>Leucania scirpicola</i>	Cabarrus: Concord	20-Mar-12	26-Mar-12	DW2
<i>Lacinipolia laudabilis</i>	Cabarrus: Concord	06-Sep-12	24-Sep-12	DW2
<i>Lacinipolia renigera</i>	Cabarrus: Concord	10-Aug-12	22-Sep-12	DW2
<i>Ulolonche culea</i>	Cabarrus: Concord	07-May-12	16-Jun-12	DW2
<i>Orthodes majuscula</i>	Cabarrus: Concord	20-Mar-12	22-Sep-12	DW2
<i>Feltia jaculifera</i>	Cabarrus: Concord	06-Sep-12	22-Sep-12	DW2
<i>Feltia subgothica</i>	Cabarrus: Concord	06-Sep-12	22-Sep-12	DW2
<i>Agrotis malefida</i>	Cabarrus: Concord	10-Aug-12	22-Sep-12	DW2
<i>Agrotis stigmosa</i>	Cabarrus: Concord	20-Sep-12		DW2
<i>Ochropleura implecta</i>	Cabarrus: Concord	15-Jul-12	10-Aug-10	DW2
<i>Xestia dolosa</i>	Cabarrus: Concord	15-May-12	22-Sep-12	DW2
EREBIDAE				
<i>Cisthene plumbea</i>	Cabarrus: Concord	10-May-12	05-Jun-12	DW2
<i>Holomelina aurantiaca</i>	Cabarrus: Concord	06-Jun-12	22-Sep-12	DW2
<i>Grammia anna</i>	Cabarrus: Concord	22-May-12		DW2
<i>Hyphantria cunea</i>	Cabarrus: Concord	15-Apr-12	19-Aug-12	DW2
<i>Haploa clymene</i>	Cabarrus: Concord	10-Jul-12	24-Jul-12	DW2
<i>Cycnia tenera</i>	Cabarrus: Concord	10-May-12	20-Sep-12	DW2
<i>Leucanopsis longa</i>	Cabarrus: Concord	14-Jun-12	16-Sep-12	DW2
<i>Dasychira basiflava</i>	Cabarrus: Concord	12-May-12	16-Aug-12	DW2
<i>Dasychira dorsipennata</i>	Cabarrus: Concord	11-Jul-12	23-Jul-12	DW2
<i>Dasychira tephra</i>	Cabarrus: Concord	16-May-12	20-Sep-12	DW2
<i>Orgyia definita</i>	Cabarrus: Concord	10-May-12	20-Sep-12	DW2
<i>Metalectra discalis</i>	Cabarrus: Concord	23-May-12	20-Sep-12	DW2
<i>Metalectra quadrisignata</i>	Cabarrus: Concord	20-May-12	22-Sep-12	DW2
<i>Pangrapta decoralis</i>	Cabarrus: Concord	12-Jul-12		DW2
<i>Idia majoralis</i>	Cabarrus: Concord	15-May-12	16-Aug-12	DW2
<i>Zanclognatha martha</i>	Cabarrus: Concord	16-May-12	12-Aug-12	DW2
<i>Zanclognatha obscuripennis</i>	Cabarrus: Concord	10-May-12	17-Jun-12	DW2
<i>Tetanolita floridana</i>	Cabarrus: Concord	15-Aug-12		DW2
<i>Tetanolita mynesalis</i>	Cabarrus: Concord	13-Aug-12		DW2
<i>Bleptina caradrinalis</i>	Cabarrus: Concord	08-May-12	20-Sep-12	DW2
<i>Renia discoloralis</i>	Cabarrus: Concord	21-Jun-12	17-Aug-12	DW2
<i>Renia factiosalis</i>	Cabarrus: Concord	12-May-12	20-Sep-12	DW2
<i>Renia nemoralis</i>	Cabarrus: Concord	20-Jun-12	16-Aug-12	DW2
<i>Renia salusalis</i>	Cabarrus: Concord	17-May-12	14-Aug-12	DW2

<i>Renia sobrialis</i>	Cabarrus: Concord	06-May-12	20-Sep-12	DW2
<i>Lascoria ambigualis</i>	Cabarrus: Concord	08-Aug-12		DW2
<i>Palthis angulalis</i>	Cabarrus: Concord	13-Aug-12		DW2
<i>Palthis asopialis</i>	Cabarrus: Concord	10-Aug-12		DW2
<i>Hypena bijugalis</i>	Cabarrus: Concord	10-Jun-12	20-Sep-12	DW2
<i>Hypena madefactalis</i>	Cabarrus: Concord	19-May-12	20-Sep-12	DW2
<i>Hypena sordidula</i>	Cabarrus: Concord	12-May-12	20-Sep-12	DW2
<i>Scolecocampa liburna</i>	Cabarrus: Concord	10-Jun-12	22-Sep-12	DW2
<i>Gabara distema</i>	Cabarrus: Concord	10-Jun-12	12-Sep-12	DW2
<i>Amolita fessa</i>	Cabarrus: Concord	20-Jul-12		DW2
<i>Anomis privata</i>	Cabarrus: Concord	20-Sep-12		DW2
<i>Phyrosopus callitrichoides</i>	Cabarrus: Concord	25-May-12	12-Sep-12	DW2
<i>Hypsoropha hormos</i>	Cabarrus: Concord	10-Jun-12	11-Sep-12	DW2
<i>Plusiodonta compressipalpis</i>	Cabarrus: Concord	05-Jun-12	20-Sep-12	DW2
<i>Cissusa spadix</i>	Cabarrus: Concord	20-Mar-12	27-Mar-12	DW2
<i>Melipotis indomita</i>	Cabarrus: Concord	11-Aug-12		DW2
<i>Mocis latipes</i>	Cabarrus: Concord	15-Sep-12		DW2
<i>Mocis texana</i>	Cabarrus: Concord	17-Sep-12		DW2
<i>Celiptera frustulum</i>	Cabarrus: Concord	08-Jun-12	15-Sep-12	DW2
<i>Ptichodis bistrigata</i>	Cabarrus: Concord	08-Jun-12	10-Sep-12	DW2
<i>Ptichodis herbarum</i>	Cabarrus: Concord	22-May-12	12-Sep-12	DW2
<i>Argyrostromis anilis</i>	Cabarrus: Concord	11-Jun-12	18-Aug-12	DW2
<i>Doryodes bistrialis</i>	Cabarrus: Concord	12-May-12	20-Sep-12	DW2
<i>Panopoda carneicosta</i>	Cabarrus: Concord	12-Jun-12	18-Aug-12	DW2
<i>Panopoda rufimargo</i>	Cabarrus: Concord	10-Jun-12	18-Aug-12	DW2
<i>Lesmone detrahens</i>	Cabarrus: Concord	07-May-12	22-Sep-12	DW2
<i>Zale aeruginosa</i>	Cabarrus: Concord	24-Mar-12		DW2
<i>Zale bethunei</i>	Cabarrus: Concord	10-Jun-12	15-Aug-12	DW2
<i>Zale metata</i>	Cabarrus: Concord	10-May-12	18-Aug-12	DW2
<i>Zale metatoides</i>	Cabarrus: Concord	10-May-12	25-May-12	DW2
<i>Zale minerea</i>	Cabarrus: Concord	20-Mar-12	27-Mar-12	DW2
<i>Zale obliqua</i>	Cabarrus: Concord	20-Mar-12	20-Aug-12	DW2
<i>Dysgonia smithii</i>	Cabarrus: Concord	06-Jun-12		DW2
<i>Parallelia bistriaris</i>	Cabarrus: Concord	18-Apr-12	25-Sep-12	DW2
<i>Spiloloma lunilinea</i>	Cabarrus: Concord	15-May-12	20-Sep-12	DW2
<i>Catocala mira</i>	Cabarrus: Concord	08-Jun-12		DW2
<i>Catocala muliercula</i>	Cabarrus: Concord	10-Aug-12		DW2
<i>Catocala sappho</i>	Cabarrus: Concord	22-Jul-12		DW2
EUTELIIDAE				
<i>Marathyssa inficita</i>	Cabarrus: Concord	12-Jun-12		DW2
<i>Paectes abrostoloides</i>	Cabarrus: Concord	15-Apr-12	22-Sep-12	DW2
<i>Paectes pygmaea</i>	Cabarrus: Concord	10-May-12	22-Sep-12	DW2
NOLIDAE				
<i>Meganola spodia</i>	Cabarrus: Concord	20-May-12		DW2
<i>Nola cilicoides</i>	Cabarrus: Concord	10-Jul-12	20-Sep-12	DW2
<i>Baileya australis</i>	Cabarrus: Concord	07-Jun-12	23-Jul-12	DW2
<i>Baileya dormitans</i>	Cabarrus: Concord	10-Jun-12	20-Jul-12	DW2
<i>Baileya levitans</i>	Cabarrus: Concord	07-Jun-12	20-Jul-12	DW2
<i>Baileya ophthalmica</i>	Cabarrus: Concord	16-Jul-12		DW2

SOUTH CAROLINA

Butterflies

HESPERIIDAE

<i>Epargyreus clarus</i> sight record	Horry: Myrtle Beach State Park	22-Sep-12		RIL
<i>Urbanus proteus</i> sight record	Horry: Myrtle Beach State Park	25-Aug-12	25-Sep-12	RIL
<i>Urbanus proteus</i>	Jasper: Laurel Hill Wildlife Dr., Savannah NWR	02-Dec-12		DMF
<i>Thorybes bathyllus</i> sight record	Horry: Myrtle Beach State Park	06-Sep-12	04-Nov-12	RIL

Thorybes pylades photo record	Orangeburg: Santee State Park	19-Apr-08	IRP
Thorybes pylades photo record	Spartanburg: Mount Zion Rd., Spartanburg	20-Jul-11	IRP
Thorybes pylades	Hampton: Webb WMA	16-Mar-12	BP
Pholisora catullus sight record	Horry: Myrtle Beach State Park	26-Apr-12	RIL
Erynnis brizo photo record	Lexington: Peachtree Rock Heritage Preserve	06-Apr-11	IRP
Erynnis martialis photo record, New Jersey tea blooming	Oconee: Sumter NF, Rich Mtn. Rd.	21-Jun-11	IRP
Erynnis zarucco photo record	Lexington: Peachtree Rock Heritage Preserve	21-Aug-11	IRP
Erynnis zarucco	Edgefield: FS 634-5 Rd. Lick Fork Lake Rec. Area	23-Sep-12	DMF
Pyrgus oileus	Jasper: Laurel Hill Wildlife Dr., Savannah NWR	02-Dec-12	DMF
Amblyscirtes aesculapius photo record	Lancaster: Cane Creek	08-Jun-11	IRP
Amblyscirtes aesculapius photo record	Hampton: Savannah River Trail, Webb WMA	12-Mar-12	BP
Amblyscirtes aesculapius photo record	Laurens: Enoree ORV trail, Sumter NF	15-Apr-12	IRP
Lerodea eufala photo record	Spartanburg: Mount Zion Rd., Spartanburg	07-Aug-10	IRP
Lerodea eufala	Jasper: Laurel Hill Wildlife Dr., Savannah NWR	02-Dec-12	DMF
Lerema accius photo record	Abbeville: Sumter NF, Long Cane Scenic Area, FS Rd. 505	29-Jun-11	IRP
Lerema accius	Union: Rose Hill Boat Landing, Enoree Rd., Sumter NF	09-Aug-12	DMF
Lerema accius	Laurens: Enoree ORV trail, Sumter NF	09-Aug-12	DMF
Ancyloxypha numitor	Jasper: Laurel Hill Wildlife Dr., Savannah NWR	02-Dec-12	DMF
Copaeodes minima photo record	Lexington: Saluda Shoals Park	07-Jul-11	IRP
Copaeodes minima sight record	Horry: Myrtle Beach State Park	17-Jun-12	RIL
Copaeodes minima	Union: Rose Hill State Park	09-Aug-12	DMF
Copaeodes minima	Laurens: Enoree ORV trail, Sumter NF	13-Oct-12	DMF
Hylephila phyleus	Laurens: Enoree ORV trail, Sumter NF	14-Jun-12	DMF
Hylephila phyleus sight record	Horry: Myrtle Beach State Park	02-Aug-12	25-Sep-12 RIL
Hylephila phyleus	Jasper: Laurel Hill Wildlife Dr., Savannah NWR	02-Dec-12	DMF
Hesperia meskei	Edgefield: FS 634-5 Rd. Lick Fork Lake Rec. Area	23-Sep-12	DMF
Atalopedes campestris	Edgefield: Lick Fork Rd., Lick Fork Lake Rec. Area	03-Oct-12	DMF
Polites origenes photo record, female	Spartanburg: Mount Zion Rd., Spartanburg	23-May-11	IRP
Polites origenes photo record	Greenwood: Ninety Six National Historic Site	30-May-11	IRP
Polites origenes	Calhoun: Congaree Bluff Heritage Preserve	15-Sep-12	DMF
Polites vibex	Florence: Lynches River County Park	19-Sep-11	IRP
Wallengrenia egeremet photo record	Greenwood: Ninety Six National Historic Site	30-May-11	IRP
Wallengrenia otho	Bamburg: Ferrell's Rd. near Edisto River	17-Sep-12	DMF
Pompeius verna on dogbane	Union: FS Rd 327A, Enoree Ranger District, Sumter NF	19-May-12	MKA
Pompeius verna	Lexington: Congaree Creek canoe launch area 12th St	29-Aug-12	MT
Anatrytone logan very fresh	Newberry: Cromer Rd., Sumter NF, Enoree Ranger District	09-Aug-12	DMF
Poanes zabulon both males and females	Hampton: Webb WMA	20-Mar-12	BP
Euphyes dion photo record	Chesterfield: Carolina Sandhills NWR	14-Jun-11	IRP
Euphyes dion	Lexington: Congaree Creek canoe launch area 12th St.	29-Aug-12	MT
Euphyes vestris	Laurens: Enoree ORV trail, Sumter NF	14-Jun-12	DMF
Oligoria maculata	Horry: Steep Landing Rd., Conway	18-Aug-12	ST
Calpododes ethlius photo record	Lexington: near Congaree River across from downtown Columbia	13-Sep-12	IRP

Calpodus ethlius photo record, larvae on Canna	Calhoun: St. Matthews City Park	15-Sep-12		DMF
Panoquina ocola	Williamsburg: Wee Tee State Forest	19-Sep-12		DMF
PAPILIONIDAE				
Battus philenor photo record, on heal-all	Greenwood: Ninety Six National Historic Site	30-May-11		IRP
Battus philenor	Abbeville: Sumter NF, Long Cane Scenic Area, FS Rd. 505	29-Jun-11		IRP
Battus philenor sight record	Horry: Myrtle Beach State Park	29-Apr-12	08-Jun-12	RIL
Battus philenor dead on road	Chesterfield: Hwy. 1, Patrick	04-May-12		DMF
Battus philenor on dogbane, very worn	Union: FS Rd 321, Enoree Rd, Sumter NF	19-May-12		DMF
Papilio cresphontes photo record	Laurens: Laurens, Hickory Tavern	22-Oct-12		EB
Papilio palamedes nectaring on yellow thistle	Newberry: Cromer Rd., Sumter NF, Enoree Ranger District	14-Apr-12		DMF
Papilio polyxenes sight record	Horry: Myrtle Beach State Park	02-May-12	25-Aug-12	RIL
Papilio troilus	Spartanburg: Windmill Hill	19-Dec-12		DA3
PIERIDAE				
Anthocharis midea photo record	Greenville: Blue Wall Preserve	29-Feb-12		DA3
Colias eurytheme sight record	Horry: Myrtle Beach State Park	26-Apr-12	11-Nov-12	RIL
Colias eurytheme	Jasper: Laurel Hill Wildlife Dr., Savannah NWR	02-Dec-12		DMF
Phoebis sennae sight record	Horry: Myrtle Beach State Park	10-Apr-12	11-Nov-12	RIL
Phoebis sennae	Jasper: Laurel Hill Wildlife Dr., Savannah NWR	02-Dec-12		DMF
Pyrisitia lisa sight record	Horry: Myrtle Beach State Park	04-Oct-12	12-Oct-12	RIL
Pyrisitia lisa	Jasper: Laurel Hill Wildlife Dr., Savannah NWR	02-Dec-12		DMF
Abaeis nicippe	Jasper: Laurel Hill Wildlife Dr., Savannah NWR	02-Dec-12		DMF
Abaeis nicippe	Spartanburg: Windmill Hill	19-Dec-12		DA3
Nathalis iole photo record	Spartanburg: Windmill Hill	20-Nov-12		DA3
LYCAENIDAE				
Atlides halesus photo record	Lexington: Mooring Lane, Lexington	30-Aug-10		IRP
Satyrrium calanus photo record	Chester: Peachtree Rock Heritage Preserve	19-May-11		IRP
Satyrrium calanus photo record	Chesterfield: Carolina Sandhills NWR	19-May-11		IRP
Satyrrium calanus photo record	Spartanburg: Mount Zion Rd., Spartanburg	23-May-11		IRP
Satyrrium calanus photo record	Union: Blackstock Battlefield State Historic Site	23-May-11		IRP
Satyrrium calanus photo record	Greenwood: Ninety Six National Historic Site	30-May-11		IRP
Satyrrium edwardsii photo record, on butterfly weed, confirmed by J. Pippen	Aiken: Savannah River FS complex off Rd. 2	23-May-11		MV1
Satyrrium favonius photo record	Lexington: Mooring Lane, Lexington	08-May-10		IRP
Satyrrium favonius sight record	Horry: Myrtle Beach State Park	11-Sep-12		RIL
Satyrrium liparops photo record	Union: Rose Hill State Park	19-May-12		DKA
Satyrrium titus photo record	Newberry: Cromer Rd., Sumter NF	04-Jun-11		IRP
Callophrys gryneus	Union: Rose Hill Plantation State Historic Site	13-Apr-11		IRP
Callophrys henrici photo record, on redbud	Chester: Landsford Canal State Park	17-Mar-11		IRP
Callophrys niphon photo record	Lancaster: Forty Acre Rock Heritage Preserve	09-Apr-11		IRP
Callophrys niphon photo record	Chester: Rocky Creek Conservation Property, Great Falls	30-Apr-11		IRP

Strymon melinus	Abbeville: Parson's Mt. Lake Rec. Area, Long Cane District	28-Jul-12		MKA
Strymon melinus	Edgefield: FS 634-5 Rd. Lick Fork Lake Rec. Area	23-Sep-12		DMF
Parrhasius m-album	Hampton: Savannah River Trail, Webb WMA	13-Feb-12		BP
Celastrina ladon photo record	Chester: Landsford Canal State Park	17-Mar-11		IRP
Hemiargus ceraunus photo record	Georgetown: Hobcaw Barony	25-Aug-12		PS2
Hemiargus ceraunus photo record	Aiken: Area 400D, Savannah River Site	14-Sep-12		MV1
Hemiargus ceraunus	Sumter: Hwy. 261 & Camp MacBoykin Rd., Manchester SF	11-Oct-12		RS1
NYMPHALIDAE				
Libytheana carinenta	Hampton: Savannah River Trail, Webb WMA	22-Feb-12		BP
Danaus plexippus sight record	Horry: Myrtle Beach State Park	04-Apr-12	29-Apr-12	RIL
Lethe anthedon photo record	Laurens: Musgrove Mill State Park, floodplain forest	10-Aug-10		IRP
Lethe anthedon photo record	Abbeville: Sumter NF, Long Cane Scenic Area, FS Rd. 505	29-Jun-11		IRP
Lethe anthedon photo record	Union: Rose Hill Boat Landing, Enoree Rd., Sumter NF	19-May-12		DKA
Lethe appalachia photo record	Chester: Rocky Creek Conservation Property, Great Falls	21-Apr-12		IRP
Lethe appalachia photo record	Union: Rose Hill Boat Landing, Enoree Rd., Sumter NF	19-May-12		DKA
Lethe creola photo record	Dillon: Pee Dee River floodplain	28-May-08		IRP
Lethe creola photo record	Lancaster: Cane Creek	08-Jun-11		IRP
Lethe portlandia	Bamburg: River Bridges State Historic Site	17-Sep-12		DMF
Cercyonis pegala	Abbeville: Sumter NF, Long Cane Scenic Area, FS Rd. 505	29-Jun-11		IRP
Cercyonis pegala	Union: FS 409, Enoree District, Sumter NF	22-Sep-12		DMF
Cyllopsis gemma	Edgefield: FS 634-5 Rd. Lick Fork Lake Rec. Area	03-Oct-12		DMF
Megisto cymela	Abbeville: Sumter NF, Long Cane Scenic Area, FS Rd. 505	29-Jun-11		IRP
Agraulis vanillae sight record	Horry: Myrtle Beach State Park	10-May-12	04-Nov-12	RIL
Agraulis vanillae	Jasper: Laurel Hill Wildlife Dr., Savannah NWR	02-Dec-12		DMF
Agraulis vanillae	Spartanburg: Windmill Hill	19-Dec-12		DA3
Heliconius charithonia photo record, worn	Barnwell: Rd. 9, Savannah River Site	29-Aug-12		MV1
Euptoieta claudia	Spartanburg: Windmill Hill	19-Dec-12		DA3
Speyeria cybele	Union: Rose Hill State Park	19-May-12		DMF
Vanessa cardui	Newberry: Cromer Rd., Sumter NF, Enoree Ranger District	09-Aug-12		DMF
Vanessa cardui sight record	Horry: Myrtle Beach State Park	25-Aug-12	11-Sep-12	RIL
Anartia jatrophae photo record	Georgetown: 3362 Luvan Blvd., Georgetown	28-Jul-12		MB2
Anartia jatrophae	Charleston: Patriot's Point	11-Sep-12		NAD
Anartia jatrophae	Charleston: Lockwood Blvd. and Hwy. 17 in Charleston	23-Oct-12		BM1
Anartia jatrophae good record because none had been in butterfly house since June	Berkeley: Cypress Gardens	24-Oct-12		DD3
Junonia coenia sight record	Horry: Myrtle Beach State Park	11-Sep-12	04-Nov-12	RIL
Junonia coenia	Jasper: Laurel Hill Wildlife Dr., Savannah NWR	02-Dec-12		DMF
Chlosyne nycteis photo record	Abbeville: Sumter NF, Long Cane Scenic Area, FS Rd. 505	29-Jun-11		IRP
Chlosyne nycteis	Edgefield: Clark Hill & Modoc bridges on Steven's Ck	16-May-12		ST
Anthranassa texana photo record	Barnwell: Water Gap Rd., Savannah River Site	27-Aug-12		MV1
Anthranassa texana	Orangeburg: Albemarle 100-acre woods, Orangeburg	01-Sep-12		MKA
Anthranassa texana	Williamsburg: Wee Tee State Forest	19-Sep-12		DMF
Moths				
GEOMETRIDAE				
Nepytia semiclusaria	Beaufort: Bluffton	28-Apr-12	05-May-12	DW2
EREBIDAE				

Doryodes bistrialis	Beaufort: Bluffton	04-May-12		DW2
Metria amella	Beaufort: Bluffton	28-Apr-12	05-May-12	DW2
Catocala micronympha	Beaufort: Bluffton	28-Apr-12		DW2
Catocala similis	Beaufort: Bluffton	28-Apr-12		DW2

TENNESSEE

Moths

NOCTUIDAE

Argyrogramma verruca at MV-light	DAVIDSON: Cane Ridge Rd.	17-Sep-12		DTA
Schinia bina at MV-light	DAVIDSON: Cane Ridge Rd.	28-Aug-12		DTA
Schinia lynx at MV-light	DAVIDSON: Cane Ridge Rd.	11-Sep-12		DTA
Condica sutor at MV-light	DAVIDSON: Cane Ridge Rd.	10-Sep-12		DTA
Lithophane lemmeri at bait	DAVIDSON: Cane Ridge Rd.	01-Mar-12		DTA

EREBIDAE

Phyprosopus callitrichoides at MV-light	DAVIDSON: Cane Ridge Rd.	17-Sep-12		DTA
Selenisa sueroides at MV-light	DAVIDSON: Cane Ridge Rd.	17-Sep-12		DTA

EUTELIIDAE

Paectes abrostoloides at MV-light	DAVIDSON: Cane Ridge Rd.	10-Sep-12		DTA
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VIRGINIA

Butterflies

HESPERIIDAE

Epargyreus clarus unusual late-season flight, nectaring on Buddleia sp.	Loudoun: Leesburg	06-Oct-12	23-Oct-12	HXP
Urbanus proteus	Fairfax: Herndon	31-Jul-12		SP
Urbanus proteus nectaring on Zinnia	Fauquier: Markham, Hollin Farm	22-Aug-12		HXP
Urbanus proteus nectaring on Verbena bonariensis	Fairfax: Vienna, Meadowlark Botanical Gardens	06-Sep-12		MM1
Urbanus proteus nectaring on Verbena bonariensis	Fairfax: Vienna, Meadowlark Botanical Gardens	14-Sep-12		HXP
Urbanus proteus nectaring on Buddleia sp. and Verbena bonariensis	Loudoun: Leesburg	17-Sep-12	27-Oct-12	HXP
Urbanus proteus	ALEXANDRIA CITY:	23-Sep-12		AA
Urbanus proteus observed nectaring on Buddleia sp.	ALBEMARLE: Charlottesville	23-Sep-12	06-Oct-12	MA1
Urbanus proteus abundant numbers observed	ACCOMACK: Chincoteague, Assagteague Island	01-Oct-12		DG4
Urbanus proteus	PRINCE WILLIAM: Woodbridge, Veterans Park	18-Oct-12		SP
Urbanus proteus	Richmond City: Maymont Park	24-Oct-12		WTH
Thorybes bathyllus	RAPPAHANNOCK: Washington	28-Jul-12		SB
Thorybes confusus	Augusta: Crawford Mountain	09-Jun-12		TAS
Staphylus hayhurstii	RAPPAHANNOCK: Washington	29-Jul-12		SB
Pholisora catullus	FRANKLIN:	02-Sep-12		CK
Erynnis baptisiae	FRANKLIN:	02-Sep-12		CK
Erynnis brizo	ROCKINGHAM: Elkton	28-Mar-12	29-Apr-12	MS1
Erynnis brizo	GREENE: Shenandoah National Park	15-Apr-12		MS1
Erynnis juvenalis photo record	RICHMOND CITY:	02-Apr-06		AB1
Erynnis juvenalis	GREENE: Shenandoah National Park	15-Apr-12		MS1
Pyrgus albescens STATE record; specimen det. By Andrew Warren via genitalic examination.	LOUDOUN: Leesburg, Dry Hollow Road	13-Oct-10		HXP
Lerema accius	FAUQUIER: Markham, George Thompson WMA	12-Aug-12		HXP
Ancyloxypha numitor	FRANKLIN:	02-Sep-12		CK
Hesperia metea	ROCKINGHAM: Elkton	29-Apr-12		MS1

Atalopedes campestris unusually early and late for area	Franklin: Ferrum	08-Apr-12	12-Nov-12	CK
Atalopedes campestris unusually early for area	Fauquier: Markham, George Thompson WMA	29-Apr-12		HXP
Atalopedes campestris	RAPPAHANNOCK: Washington	28-Jul-12		SB
Atalopedes campestris superabundant; 1800+ counted/estimated in 1 hour	Fairfax: Vienna, Meadowlark Botanical Gardens	17-Aug-12		HXP
Atalopedes campestris very late emergence, many fresh adults nectaring on Buddleia	Loudoun: Leesburg	23-Oct-12	22-Nov-12	HXP
Polites origenes	RAPPAHANNOCK: Washington	29-Jul-12		SB
Wallengrenia otho several observed in butterfly garden, unusual showing for area. Ova obtained from females confined on Paspalum sp.	Fairfax: Herndon	15-Aug-12	17-Aug-12	MM1
Wallengrenia otho several observed, unusual showing for area, second year in a row	Fairfax: Vienna, Meadowlark Botanical Gardens	17-Aug-12	24-Aug-12	HXP
Poanes zabulon	RAPPAHANNOCK: Washington	28-Jul-12		SB
Euphyes vestris	FAUQUIER: Markham, George Thompson WMA	24-Jun-12		HXP
Panoquina ocola	RAPPAHANNOCK: Washington	28-Jul-12		SB
PAPILIONIDAE				
Eurytides marcellus	Williamsburg:	17-Mar-12		WTH
Eurytides marcellus Unusually early for region	Loudoun: Leesburg, Veterans Memorial Park	13-May-12		HXP
Battus philenor Unusually early for northern mountain range	Frederick: Gore, Old Knob	22-Mar-12		HXP
Papilio appalachiensis	Fauquier: Markham, George Thompson WMA	01-May-12		MM1
Papilio crespontes 2nd brood female observed ovipositing daily on Ptelea trifoliata	Loudoun: Leesburg, Edwards Landing Park	14-Jul-12	18-Jul-12	HXP
Papilio crespontes Female ovipositing on Xanthoxylum americanum	Fairfax: Herndon	25-Jul-12		MM1
Papilio crespontes Fresh adult indicating third brood	Loudoun: Leesburg, Edwards Landing Park	01-Sep-12		HXP
Papilio crespontes 3rd brood adult observed	Loudoun: Neersville	09-Sep-12		HXP
Papilio glaucus Unusually early for northern mountain range	Frederick: Gore, Old Knob	22-Mar-12		HXP
Papilio glaucus Large summer form female - very early	Loudoun: Leesburg, Veterans Memorial Park	29-Mar-12		HXP
Papilio polyxenes Unusually early for northern mountain range	Loudoun: Gore, Old Knob	22-Mar-12		HXP
PIERIDAE				
Pontia protodice photo record	SUSSEX:	31-Mar-07		AB1
Pontia protodice	Fauquier: Paris, Sky Meadows State Park	05-Aug-12		SB
Pontia protodice photo record	HENRICO:	15-Oct-12		AB1
Pieris rapae Unusual mid-winter observation	Page: Luray, Shenk Hollow	18-Feb-12		MM2
Phoebis sennae Unusually early	Franklin: Ferrum	08-Apr-12		CK
Phoebis sennae Unusually early	Fairfax: Herndon	13-Apr-12		MM1
Phoebis sennae Unusually early	Fauquier: Markham	29-Apr-12		HXP
Phoebis sennae	Richmond City:	09-May-12		WTH
Phoebis sennae	Richmond City: Maymont Park	09-Jun-12		WTH
Phoebis sennae Many observed during period, unusually strong flight for region	Loudoun: Leesburg	17-Aug-12	13-Sep-12	HXP
Phoebis sennae	BUCKINGHAM: various locations	26-Sep-12		BG1
Phoebis sennae	Richmond City: Maymont Park	24-Oct-12		WTH
Pyrisitia lisa 59 observed - unusually large number in region	Botetourt: Gala	27-Aug-12		BK
Pyrisitia lisa	FRANKLIN:	02-Sep-12		CK
Pyrisitia lisa	BUCKINGHAM: various locations	26-Sep-12		BG1
Pyrisitia lisa	Richmond City: Maymont Park	26-Sep-12		WTH
Pyrisitia lisa photo record; female white form	HENRICO:	28-Sep-12		WTH
Pyrisitia lisa	Henrico: disturbed field by office park	28-Sep-12		WTH

Abaeis nicippe "rosa" form present, believed to overwinter as adults here	Fauquier: Markham, George Thompson WMA	15-Mar-12	14-Apr-12	HXP
Abaeis nicippe	Fairfax: Chantilly	14-Apr-12		PT2
Abaeis nicippe	BUCKINGHAM: various locations	26-Sep-12		BG1
Abaeis nicippe	Richmond City:	06-Oct-12		WTH
Abaeis nicippe	Richmond City: Maymont Park	24-Oct-12		WTH
Abaeis nicippe late observation of adult in flight	FRANKLIN: Philpott Lake, Salthouse Branch Park	03-Dec-12		C/K
Nathalis iole	GILES: Glen Alton	09-Jul-12		C/K
Nathalis iole photo record	MADISON:	01-Aug-12		DC
Nathalis iole 25+ observed, some vouchers	LOUDOUN: Leesburg	20-Aug-12	15-Sep-12	HXP
Nathalis iole	ROCKINGHAM: Elkton	27-Aug-12	25-Sep-12	MS1
Nathalis iole photo record, 12 observed	PRINCE WILLIAM: Haymarket	07-Sep-12	10-Sep-12	LM1
Nathalis iole 50+ observed, nectaring on Cardamine hirsuta, Potentilla indica, Ranunculus bulbosus, Cerastium vulgatum, Oxalis montana	LOUDOUN: Evergreen Mills	08-Sep-12	15-Oct-12	MM1
Nathalis iole	LOUDOUN: Sterling, Claude Moore Park	12-Sep-12		HXP
Nathalis iole	FLOYD: Blue Ridge Parkway, Rocky Knob Recreation Area	15-Sep-12		F/K
Nathalis iole	PATRICK: Blue Ridge Parkway, Rocky Knob	15-Sep-12		F/K
Nathalis iole photo record	FAIRFAX: Reston, Lake Fairfax County Park	21-Sep-12		MM3
Nathalis iole abundant	ACCOMACK: Chincoteague, Assagteague Island	01-Oct-12		DG4
Nathalis iole photo record	PRINCE WILLIAM: Woodbridge, Veterans Park	05-Oct-12	18-Oct-12	SP
LYCAENIDAE				
Lycaena phlaeas	ROCKINGHAM: Elkton	08-Jun-12	25-Sep-12	MS1
Satyrium edwardsii photo record	KING WILLIAM:	04-Jun-06		AB1
Satyrium kingi photo record	KING WILLIAM:	04-Jul-07		AB1
Callophrys augustinus	ROCKINGHAM: Elkton	28-Mar-12		MS1
Callophrys henrici Unusually early for northern mountain range	Frederick: Gore, Old Knob	22-Mar-12		HXP
Callophrys henrici	GREENE: Shenandoah National Park	15-Apr-12		MS1
Strymon melinus	RAPPAHANNOCK: Washington	28-Jul-12		SB
Celastrina neglecta spring form, common, unusually early for region; identified by male dorsal FW scale pattern vs. C. ladon	Fauquier: Markham, George Thompson WMA	15-Mar-12	17-Mar-12	HXP
Celastrina neglectamajor unusually early emergence, common, rarely recorded in April	Fauquier: Markham, George Thompson WMA	14-Apr-12	29-Apr-12	HXP
Celastrina neglectamajor	SHENANDOAH: near Liberty Furnace, George Washington NF	04-Jun-12		K/K
NYMPHALIDAE				
Libytheana carinenta very unusual winter sighting	Prince William: Woodbridge, Occoquan NWR	07-Jan-12		JM2
Libytheana carinenta very early arrival for region	Fauquier: Markham, George Thompson WMA	17-Mar-12		HXP
Lethe anthedon unusual irruption, 100+ observed in woodlands	Loudoun: Blue Ridge Center for Environmental Stewardship	18-Aug-12		HXP
Coenonympha tullia STATE record; West Virginia population apparently expanding southward into Virginia, photo record	HIGHLAND:	06-Jun-12		AB1
Cyllopsis gemma unusually early	CHESTERFIELD: Pocahontas State Park	23-Mar-12		PB
Cyllopsis gemma unusually early	Botetourt: Troutville, Woodpecker Ridge	01-Apr-12		BG1
Agraulis vanillae	BOTETOIRT: Fincastle	30-Jun-12		H/D
Agraulis vanillae	Richmond City:	06-Oct-12		WTH
Euptoieta claudia tiny, fresh male indicating local emergence, unusually early for northern mountain region	Frederick: Gore, Old Knob	22-Mar-12		HXP
Speyeria aphrodite photo record, unusual for area	Loudoun: Blue Ridge Center for Environmental Stewardship	04-Aug-12		SP
Asterocampa celtis unusual fresh 3rd brood male and female observed nectaring on Buddleia sp.	Loudoun: Leesburg	21-Sep-12	22-Sep-12	HXP
Asterocampa clyton	Fauquier: 4 mi. N. of Markham	04-Jul-12		PT2

Asterocampa clyton	RAPPAHANNOCK: Washington	28-Jul-12	SB
Vanessa atalanta brood emerging	Fauquier: 4 mi. N. of Markham	04-Jul-12	PT2
Vanessa atalanta nectaring on butterfly bush	Richmond City:	17-Nov-12	WTH
Vanessa cardui brood emerging	Fairfax: Chantilly	21-Oct-12	PT2
Vanessa virginiensis photo record, unusual winter observation	King and Queen: Walkerton	01-Jan-12	AB1
Vanessa virginiensis	Fauquier: Markham, George Thompson WMA	04-Dec-12	HXP
Polygonia comma 1 summer form, 1 winter form (very unusual)	Fauquier: Markham, George Thompson WMA	24-Jun-12	HXP
Polygonia interrogationis attracted to bait	Fairfax: Herndon	22-Feb-12	MM1
Polygonia interrogationis both winter and summer forms observed (very unusual)	Fauquier: Paris, Sky Meadows State Park	17-Apr-12	12-May-12 SB
Polygonia interrogationis common, equal numbers of summer and winter forms (very unusual)	Fauquier: Markham, George Thompson WMA	29-Apr-12	HXP
Polygonia interrogationis summer form abundant, unusually strong flight for region	Fauquier: Markham, George Thompson WMA	24-Jun-12	HXP
Polygonia interrogationis brood emerging	Fauquier: 4 mi. N. of Markham	04-Jul-12	PT2
Polygonia interrogationis 1 summer form, 1 winter form, both freshly emerged (very unusual)	Fauquier: Markham, George Thompson WMA	12-Aug-12	HXP
Junonia coenia photo record, unusual winter observation	King and Queen: Walkerton	01-Jan-12	AB1
Junonia coenia	RAPPAHANNOCK: Washington	28-Jul-12	SB
Junonia coenia	Fauquier: Paris, Sky Meadows State Park	24-Dec-12	HXP
Chlosyne nycteis fresh adults common, unusual 3rd brood for region	Loudoun: Sterling, Algonkian Regional Park	12-Sep-12	14-Sep-12 HXP
Chlosyne nycteis several fresh adults observed, unusual 3rd brood for region	Fairfax: Vienna, Meadowlark Botanical Gardens	14-Sep-12	HXP
Chlosyne nycteis fresh adults common, unusual 3rd brood for region	Loudoun: Leesburg	15-Sep-12	HXP

Moths

SATURNIIDAE

Hemileuca maia	PATRICK: Burks Fork	10-Nov-12	C/K
Hemileuca maia	PATRICK: Blue Ridge Parkway, Rocky Knob	10-Nov-12	C/K
Hemileuca maia	CHESTERFIELD: Pocahontas State Park	11-Nov-12	PB
Hemileuca maia	FRANKLIN: Ferrum, Ferrum College	12-Nov-12	CK

NOCTUIDAE

Noctua pronuba	Loudoun: Leesburg	19-May-12	HXP
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Zone 10 Northeast

Maryland, New York, Pennsylvania, New England States, Maritime Provinces

Coordinator: Mark J. Mello

Contributors Cited:

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MJM : Mark J. Mello	MXM : Monica Miller	MAQ : Mike Quinn
MS : Michael Sabourin	RHS : Richard H. Smith	PCS : Pat & Clay Sutton

General Comments:

The are no general comments or notes for Zone 10.

CONNECTICUT

Butterflies

HESPERIIDAE

Pyrgus communis LITCHFIELD: Canaan 12-May-12 MA

PAPILIONIDAE

Papilio cressphontes Litchfield: Canaan; Sand Rd. 12-May-12 MA

LYCAENIDAE

Calycopsis cecrops New Haven: Guilford; Jarod Elliot Preserve 19-May-12 03-Jun-12 MA
20+ on first date, 3 on latter

Calycopsis cecrops New Haven: Madison; Bauer Farm 03-Jun-12 MA
2

NYMPHALIDAE

Libytheana carinenta bachmanii New Haven: Guilford; Chaffinch Island Park 07-Aug-12 AG
2 worn females

DELAWARE

Butterflies

HESPERIIDAE

Urbanus proteus SUSSEX: Rehobeth Beach 03-Oct-12 RHS
via David Amadio

NYMPHALIDAE

Agraulis vanillae KENT: Bombay Hook NWR 08-Aug-12 RHS
via Howard Eskin

MAINE

Butterflies

HESPERIIDAE

Thymelicus lineola Aroostook: N. of Crystal, along dirt road 13-Jul-12 RD
nectaring at roadside flowers

Polites mystic Aroostook: N. of Crystal, along dirt road 13-Jul-12 RD
nectaring at Apocynum androsaemifolium

NYMPHALIDAE

Boloria bellona Waldo: Unity 09-Jun-12 MA

Vanessa atalanta Aroostook: N. of Crystal, along dirt road 13-Jul-12 RD
latrval nest on Urtica dioica gracilis, mostly denuded

Moths

EREBIDAE

Ascalapha odorata York: Wells 09-Jun-12 MAQ
near store light

Ascalapha odorata York: Alfred 12-Aug-12

MARYLAND

Butterflies

HESPERIIDAE

Urbanus proteus St. Mary's: Point Lookout 22-Sep-12 RHS
Unusually large number (19 seen) for this rare migrant; via Mikey Lutmerding

Urbanus proteus HARFORD: Forest Hill 06-Oct-12 RHS
via Kim and Matt Hafner

Urbanus proteus Worcester: Assateague Island 13-Oct-12 RHS
Rare Record; via Jim Brighton & Bill Hubick

Achalarus lyciades GARRETT: Savage River 09-Jun-12 RHS
via Rick Cheicante

Thymelicus lineola WASHINGTON: Woodmont/Pearre area 27-May-12 RHS
via Rick Cheicante

Wallengrenia otho HOWARD: Patuxent Branch Trail, Columbia 25-May-12 RHS
via Annette Allor

Wallengrenia otho BALTIMORE: Soldiers Delight 18-Aug-12 RHS
via Annette Allor

Poanes viator HOWARD: Lake Elkhorn powerlines, Columbia 28-Jul-11 RHS
via Allen Lewis

Poanes viator MONTGOMERY: Bethesda 14-Sep-12 RHS
via Bob Robbins

PAPILIONIDAE

Eurytides marcellus	Allegany: Green Ridge State Forest	20-Apr-12	MXM
Papilio appalachiensis	Garrett: Finzel Swamp	16-Jun-12	RHS
Black form female - Rare Record for this form, second in county; via Rick Cheicante			
Papilio crespontes	HOWARD: 2 mi. s. of Ellicott City	14-Aug-12	RHS
via Kathy Litzinger			
Papilio crespontes	Howard: Middle Patuxent Environmental Area	18-Aug-12	RHS
Rare Record, second in county; via Nancy Megnusson			
Papilio crespontes	Howard: Middle Patuxent Environmental Area	31-Aug-12	RHS
Rare Record; via Kevin Heffernan			
Papilio crespontes	Howard: Allview, Columbia	03-Sep-12	RHS
Rare Record; via John McKitterick			

PIERIDAE

Anthocharis midea	Allegany: Green Ridge State Forest	20-Apr-12	MXM
Pyrisitia lisa	FREDERICK: Mt. Airy	22-Jun-12	RHS
via Jeff Cagle			
Abaeis nicippe	KENT: Eastern Neck NWR	11-Jun-12	RHS
via David Amadio			
Nathalis iole	CHARLES: Billingsley Rd.	19-Jun-12	RHS
STATE Record; via Thomas Ostrowski			
Nathalis iole	MONTGOMERY: Woodstock Equestrian Pk.	29-Jul-12	RHS
Multiple sightings at this site from this first sighting date to October; via Dave Czaplak			
Nathalis iole	PRINCE GEORGES: Merkle Wildlife Sanctuary	18-Aug-12	RHS
Nectaring on Poorjoe (Diodia teres); via Mikey Lutmerding			
Nathalis iole	CALVERT: North Beach	20-Aug-12	RHS
via Lisa Garrett			
Nathalis iole	HARFORD: Eden Mill Pk.	03-Sep-12	RHS
with Annette Allor & Nicole Eller			
Nathalis iole	Prince George: Clinton	03-Sep-12	RHS
Rare Record, second in county, six specimens in a field nectaring on Sand Croton (Croton glandulosus septentrionalis)			
Nathalis iole	ANNE ARUNDEL: Plummer House, Glendening Preserve	11-Sep-12	RHS
via Sue Ricciardi & Dave Perry			
Nathalis iole	BALTIMORE: White Marsh Mall	05-Oct-12	RHS
via Bob Gardner			
Nathalis iole	Charles: w. end Liverpool Point Rd.	06-Oct-12	RHS
Rare Record, second in county; via Annette Allor			
Nathalis iole	CARROL: Flag Marsh, Mt. Airy	24-Oct-12	RHS
via Dave Smith			
Nathalis iole	HOWARD: Columbia Gateway Business Pk.	24-Oct-12	RHS
via Jim Wilkinson			
Nathalis iole	Howard: Patuxent Branch Trail, Columbia	25-Oct-12	RHS
Rare Record, second in county; via Linda Hunt			

LYCAENIDAE

Satyrrium favonius ontario	Howard: 2 mi.s. of Ellicott City	23-May-12	RHS
Rare Record, second in county; via Kathy Litzinger			

NYMPHALIDAE

Hermeuptychia sosybius	GARRETT: Snaggy Mtn.	28-Jul-12	RHS
via Mikey Lutmerding			
Hermeuptychia sosybius	Garrett: Tower Rd., Savage River S.F.	11-Aug-12	RHS
Rare Record, second in county; via Frode Jacobsen			
Agraulis vanillae	St. Mary's: Dameron	04-Oct-12	RHS
Rare Record, second in county; via Patty Craig			
Vanessa atalanta	SOMERSET: Vessy's Orchard	20-Oct-12	RHS
via Jim Brighton, Dan Small, and Tom Feild			
Vanessa virginiensis	Allegany: Green Ridge State Forest	20-Apr-12	MXM
Chlosyne nycteis	Howard: Long Corner	26-Jun-09	RHS
Rare Record, second in county; via Robert Schaeffer			
Chlosyne nycteis	Howard: Carroll Mill Rd.	15-Sep-11	RHS
Rare Record			
Chlosyne nycteis	Howard: Howard Chapel Rd.	15-Sep-11	RHS
Rare Record; via Tom Field			

MASSACHUSETTS**Butterflies****HESPERIIDAE**

Atalopedes campestris	BRISTOL: New Bedford	23-Jul-12	MJM
home garden; nectaring on Buddleia			

Atalopedes campestris 10	Plymouth: Mattapoissett; Nasketucket SR Bridal Path	29-Aug-12	AG
Atalopedes campestris 3	ESSEX: Rockport; Halibut point	02-Sep-12	MA
Atalopedes campestris 2	Essex: Newbury; Tendercrop Farm	06-Oct-12	MA
Poanes zabulon 1 each date: Ipswich River Wildlife	Essex: Topsfield Sanc.; Ipswich - Appleton Farms	12-Aug-12	16-Sep-12 MA
Poanes zabulon 3 worn	Plymouth: Mattapoissett; Nasketucket SR Bridal Path	29-Aug-12	AG
PAPILIONIDAE			
Papilio cresphontes 25+ on last date	Sheffield: Bartholomew's Cobble	12-May-12	29-Jul-12 MA
Papilio cresphontes	Essex: Danvers; Rt. 35	22-Jul-12	MA
Papilio cresphontes 4 with Alex Grkovich; and 6 respectively	Essex: Topsfield; Ipswich River Wildlife Sanctuary	02-Aug-12	08-Aug-12 MA
Papilio cresphontes 1 at each site	Essex: Danvers, nr. Putnam Reservoir; Wenham	02-Aug-12	MA
Papilio cresphontes 12+	Berkshire: Ashley Falls; Legeyt Rd.	04-Aug-12	MA
Papilio cresphontes 3; nectaring on goldenrod, tall phlox	BRISTOL: Dartmouth; Slocums River Reserve & Sylvan Nursery	17-Aug-12	MJM
Papilio cresphontes 1	Essex: Newbury; Old Town Hill	18-Aug-12	MA
Papilio glaucus female; frosted phase	Essex: Newbury; Old Town Hill	02-Jul-12	MA
Papilio polyxenes early date	Bristol: New Bedford	15-Apr-12	MJM
Papilio polyxenes "near machaon" - black ground color; poss. undescribed species?	Middlesex: Woburn; Horn Pond Mtn.	28-May-12	MA
PIERIDAE			
Phoebis sennae 2	Plymouth: Mattapoissett; Nasketucket SR Bridal Path	29-Aug-12	AG
Phoebis sennae 2	Essex: Rockport; Halibut point	02-Sep-12	AG
Phoebis sennae 2	Essex: Ipswich; Appleton Farms	16-Sep-12	AG
Phoebis sennae 2	Essex: Newbury; Tendercrop Farm	06-Oct-12	AG
Pyrisitia lisa 15+	Plymouth: Mattapoissett; Nasketucket SR Bridal Path	29-Aug-12	AG
LYCAENIDAE			
Lycaena phlaeas late date	Bristol: Dartmouth; Slocums River Reserve	02-Nov-12	MJM
Satyrrium caryaevorum 1	Norfolk: Canton; Great Blue Hill Summit	30-Jun-12	AG
Satyrrium favonius ontario 1	Essex: Newbury; Old Town Hill	02-Jul-12	MA
Satyrrium favonius ontario 1	Norfolk: Canton; Great Blue Hill	07-Jul-12	MA
Callophrys henrici common along Burma Rd.	Norfolk: Blue Hills Resevation; Fowl Meadow	20-Apr-12	AG
Parrhasius m-album 1	Middlesex: Melrose; Middlesex Fellsway	21-Apr-12	MA
Parrhasius m-album 1	Berkshire: Sheffield; Bartholomew's Cobble	12-May-12	MA
Parrhasius m-album 2	Norfolk: Canton; Great Blue Hill	07-Jul-12	MA
Parrhasius m-album 1	Essex: Newbury; Old Town Hill	18-Aug-12	MA
Parrhasius m-album 3; one fresh, 2 worn	Plymouth: Mattapoissett; Nasketucket SR Bridal Path	29-Aug-12	AG
NYMPHALIDAE			
Limenitis arthemis astyanax 2; unbanded "hybrid"	Berkshire: Sheffield	29-Jul-01	MA
Asterocampa celtis 3	Berkshire: Ashley Falls; Legeyt Rd.	04-Aug-12	MA

Asterocampa clyton 2	Berkshire: Ashley Falls; Legeyt Rd.	04-Aug-12	MA
Vanessa atalanta early date; common this spring	Bristol: Dartmouth; Lloyd Center for the Environment	16-Apr-12	MJM
Vanessa virginiensis early date	Bristol: Dartmouth; Lloyd Center for the Environment	17-Apr-12	MJM
Polygonia interrogationis Blue Hills Reservation - Fowl Meadow and Great Blue Hill Summit: abundant on April date	Norfolk: Canton	20-Apr-12	30-Jun-12 AG

Moths

GEOMETRIDAE

Glenoides texanaria 1 in uv light trap	DUKES: West Tisbury	19-Sep-12	MJM
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SATURNIIDAE

Eacles imperialis six larvae: 3 on pitch pine, 3 on post oak	Dukes: West Tisbury	23-Aug-12	MJM
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NOTODONTIDAE

Schizura apicalis 1 in uv light trap	Dukes: West Tisbury	09-Jul-12	MJM
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NOCTUIDAE

Thioptera nigrofimbria uv light trap	Dukes: West Tisbury	24-Jul-12	23-Aug-12 MJM
Acronicta radcliffei uv light trap	Dukes: West Tisbury	27-Jun-12	23-Jul-12 MJM
Lithophane lemmeri 1 in mercury vapor light trap; second year in a row	Bristol: Dartmouth; Lloyd Center for the Environment	15-Apr-12	MJM

NEW HAMPSHIRE

Butterflies

HESPERIIDAE

Euphyes vestris	Coos: Valley Way/Air Line Trailhead S. of Rt. 2	14-Jul-12	RD
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NYMPHALIDAE

Speyeria atlantis nectaring at Centaurea	Coos: Valley Way/Air Line Trailhead S. of Rt. 2	14-Jul-12	RD
Speyeria cybele nectaring at Centaurea	Coos: Valley Way/Air Line Trailhead S. of Rt. 2	14-Jul-12	RD
Limenitis arthemis along shaded RR grade	Coos: Valley Way/Air Line Trailhead S. of Rt. 2	14-Jul-12	RD
Vanessa cardui nectaring at Centaurea	Coos: Valley Way/Air Line Trailhead S. of Rt. 2	14-Jul-12	RD
Junonia coenia	COOS: Jefferson	14-Aug-12	JHO
Chlosyne harrisii larval nests on Aster umbellatus	Coos: Valley Way/Air Line Trailhead S. of Rt. 2	14-Jul-12	RD

Moths

NOTODONTIDAE

Hyparpax aurora uv light trap	Merrimack: Concord; adjacent to S end of airport	11-Jun-12	MJM
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NOCTUIDAE

Xylena cineritia 2 in uv light trap	Merrimack: Concord; adjacent to S end of airport	17-Apr-12	MJM
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EREBIDAE

Grammia phyllira 2 in uv light trap	Merrimack: Concord; adjacent to S end of airport	14-Aug-12	MJM
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NEW JERSEY

Moths

EREBIDAE

Ascalapha odorata back porch, 412 Lincoln Ave.	Cape May: Cape May Point	11-Oct-95	PCS
Ascalapha odorata at porch lights of Tom Hupt	Atlantic: Hammonton	20-Aug-08	PCS
Ascalapha odorata flushed by picnic center	Cape May: Cape May Point; Cape May Point State Park	28-Oct-11	PCS
Ascalapha odorata seen flying north	Out at Sea: Atlantic Ocean; 16 miles E of Atlantic City	08-Jun-12	PCS

NEW YORK

Butterflies

HESPERIIDAE

Epgargyreus clarus larva on Amorpha fruticosa	Tompkins: Connecticut Hill	17-Sep-12		DXK
Erynnis juvenalis	Tompkins: Shindagin Hollow	04-May-12	11-May-12	DXK
Erynnis lucilius	Jefferson: Limerick Cedars alvar barrens	18-May-12		DXK
Pyrgus communis not seen in over 40 years	Niagara: Lockport; Hall's Apple Orchard	03-Aug-12		FXB
Pyrgus communis females, including over Malva neglecta in garden	Tompkins: Ithaca & McDaniel Meadow	30-Aug-12	01-Sep-12	RD
Amblyscirtes hegon puddling male; early date	Tompkins: Shindagin Hollow	16-May-12		RD
Amblyscirtes vialis	Jefferson: Limerick Cedars alvar barrens	18-May-12		DXK
Ancyloxypha numitor flying over Leersia oryzoides, nectaring at Aster lanceolatus	Tompkins: Shindagin Hollow	03-Oct-12		DXK
Hylephila phyleus nectaring on purple Buddleia davidii	Tompkins: Ithaca, hort. Dept. Home Depot	03-Aug-12		RD
Hylephila phyleus	Niagara: Lockport; Hall's trail east	09-Sep-12		FXB
Hylephila phyleus new for site	Schuyler: Rock Cabin Rd. near Montour Falls	22-Oct-12	26-Oct-12	DXK
Polites mystic nectaring on Pogonia ophioglossoides	Chenango: Jam Pond bog	01-Jul-12		RD
Polites themistocles mated pair	Jefferson: Chaumont alvar barrens	18-May-12		DXK
Pompeius verna fresh male	Schuyler: Rock Cabin Rd.	13-Jun-12		DXK
Poanes massasoit fresh	Tompkins: McLean Bogs Preserve	27-Jun-12	30-Jun-12	RD
Poanes viator nectaring at Asclepias syriaca & A. incarnata (early date)	Tompkins: McLean Bogs Preserve	30-Jun-12		RD
Euphyes dion mated pair on latter date	Tompkins: McLean Bogs Preserve	27-Jun-12	30-Jun-12	RD

PAPILIONIDAE

Papilio cressphontes in open field	Tompkins: McLean Bogs Preserve near Dryden	16-Aug-11		RD
Papilio cressphontes via S.M. Chorvas and L. Fagan, F. Robins and H. Halama	Ulster: Saugerties Town & Mohonk Preserve	29-Apr-12	03-Jun-12	RD
Papilio cressphontes via K. Edelstein	Tompkins: Lansing, Salmon Creek Rd.	13-May-12		RD
Papilio cressphontes including courtship 6:00 - 6:35 P.M. (Aug. 10)	Tompkins: Ithaca; in yard, Cornell Plantations, Hanshaw Rd.	27-May-12	15-Aug-12	RD
Papilio cressphontes via M. Haribal; fresh adults nectaring at Hesperis matronalis during evening	Tompkins: Ithaca; Enfield Ck, Lick Brook/Finger Lakes Trl	27-May-12		RD
Papilio cressphontes via Matthew Dirig	Broome: Binghamton, Helen St. yard	08-Aug-12		RD
Papilio cressphontes via Rodney Dirig; 2-3 flying around	Delaware: Wells Bridge Zanthoxylum americanum	11-Aug-12		RD
Papilio cressphontes 5th instar larvae on mostly denuded	Tompkins: near Freeville Zanthoxylum americanum	11-Sep-12		RD
Papilio polyxenes early date; both sexes	Cattaragus: Olean	21-Apr-12		JTM
Papilio troilus puddling males	Tompkins: Shindagin Hollow	16-May-12		DXK

PIERIDAE

Pieris rapae early date	Tompkins: McLean Bogs Preserve	19-Mar-12		DXK
Pieris rapae early date; 12:30am - 1:30pm; 75°; 1278 Kamery Rd.	Cattaragus: Olean	21-Mar-12		JTM
Pieris virginiensis	Cattaragus: Olean; Weston's Mills on the Allegany River	02-May-12		JTM
Pieris virginiensis early dates	Tompkins: Eames/Mud Creek Swamp & Shindagin Hollow	11-May-12	12-May-12	RD
Colias eurytheme dark-ventered spring brood (not a migrant) nectaring at narcissi; very early date	Tompkins: Ithaca	19-Apr-12		RD

<i>Colias eurytheme</i> 2 early migrants	Tompkins: Shindagin Hollow	11-May-12		DXW
<i>Colias eurytheme</i> large male (6.0+ cm.); biggest specimen in over 500 <i>C. eurytheme</i> and <i>C. philodice</i> in personal collection	Niagara: Lockport; Hall's trail east	07-Sep-12		FXB
<i>Colias philodice</i> early date	Tompkins: McLean Bogs Preserve	13-May-12		RD
<i>Phoebis sennae</i> freshly emerged female	NIAGARA: Lockport	10-Jun-12		FXB
<i>Nathalis iole</i> several	Cattaragus: Allegany State Park	01-Sep-12		JTM
LYCAENIDAE				
<i>Lycaena epixanthe</i> ~15 adults over <i>vaccinium macrocarpon</i> including one yellow-ventered male (rare inland)	Cortland: Chicago Bog	22-Jun-12		DXK
<i>Lycaena epixanthe</i> mostly fresh males; one mated pair	Tompkins: McLean Bogs Preserve	27-Jun-12	30-Jun-12	RD
<i>Lycaena epixanthe</i> abundant	Chenango: Jam Pond bog	01-Jul-12		RD
<i>Lycaena hyllus</i> female nectaring at <i>Aster pilosus</i>	Schuyler: Rock Cabin Rd. near Montour Falls	22-Oct-12		DXK
<i>Satyrium caryaevorum</i> beneath <i>Juglans nigra</i>	Tompkins: McLean Bogs Preserve	30-Jun-12		RD
<i>Callophrys gryneus</i> via C.R. Smith; nectaring at <i>Cornus racemosa</i> near <i>Juniperus virginiana</i>	Seneca: Finger Lakes NF, Caywood Point on Seneca Lake	07-Jun-12		RD
<i>Callophrys niphon</i> puddling	Tompkins: Shindagin Hollow	04-May-12	16-May-12	DXK
<i>Erora laeta</i> via C. Wolpert	Tompkins: Shindagin Hollow	04-May-12		RD
<i>Celastrina ladon</i> early date; 12:30am - 1:30pm; 75°; 1278 Kamery Rd.	Cattaragus: Olean	21-Mar-12		JTM
<i>Celastrina lucia</i> also C. Wolpert	Tompkins: Shindagin Hollow	04-May-12	11-May-12	DXK
<i>Celastrina neglecta</i> fresh males	Schuyler: Rock Cabin Rd. near Montour Falls	13-Jun-12		DXK
<i>Celastrina serotina</i> nectaring on <i>Rubus alleghaniensis</i>	Tompkins: McLean Bogs Preserve	13-Apr-12	29-May-12	DXK
NYMPHALIDAE				
<i>Libytheana carinenta</i> puddling; early date	Schuyler: Rock Cabin Rd.	13-Jun-12		DXK
<i>Libytheana carinenta</i> via Chris Hebdon; ovipositing on new growth of 8' tall <i>Celtis occidentalis</i>	Broome: Conklin	29-Jun-12		RD
<i>Libytheana carinenta</i> via B. Evans; puddling	Tompkins: near Ithaca; Robert Treman State Park	30-Jun-12		RD
<i>Danaus plexippus</i> early date by a month	Cattaragus: Olean	01-May-12		JTM
<i>Danaus plexippus</i> early dates	Tompkins: Shindagin Hollow & Ithaca	04-May-12	13-May-12	DXK
<i>Lethe anthedon</i> dozen fresh males	Schuyler: Rock Cabin Rd. near Montour Falls	13-Jun-12		DXK
<i>Lethe anthedon</i>	Tompkins: McLean Bogs Preserve	16-Jun-12		RD
<i>Lethe appalachia</i> early 1st date	Tompkins: McLean Bogs Preserve	08-Jun-12	30-Jul-12	RD
<i>Lethe eurydice</i> early 1st date	Tompkins: McLean Bogs Preserve	29-May-12	16-Jun-12	RD
<i>Cercyonis pegala</i> early date	Schuyler: Rock Cabin Rd. near Montour Falls	13-Jun-12		DXK
<i>Megisto cymela</i> early date	Tompkins: McLean Bogs Preserve	13-May-12		DXK
<i>Euptoieta claudia</i> early date; 1278 Kamery Rd.	Cattaragus: Olean	05-May-12		JTM
<i>Euptoieta hegesia</i>	NIAGARA: Lockport; Hall's trail west	09-Sep-12		FXB
<i>Speyeria cybele</i> early date; via L. Fagan, F. Ribins and H. Halama	Ulster: Mohonk Preserve	03-Jun-12		RD
<i>Speyeria cybele</i>	Seneca: Finger Lakes NF, Caywood Point on Seneca Lake	13-Jun-12		DXK
<i>Speyeria cybele</i> worn female	Schuyler: Rock Cabin Rd.	10-Sep-12		RD
<i>Limenitis archippus</i> small worn male nectaring at <i>Aster novae-angliae</i>	Tompkins: Ithaca; Cass Park, Children's Garden	24-Sep-12		RD

Limenitis arthemis nectaring at Solidago canadensis, Aster lateriflorus & A. novae-angliae	Tompkins: Connecticut Hill	17-Sep-12		DXK
Asterocampa celtis	Schuyler: Rock Cabin Rd.	13-Jun-12	10-Sep-12	DXK
Vanessa atalanta massive early date migration; ovipositing on Urtica dioica on May 6	Tompkins: Shindagin Hollow	16-Apr-12	11-May-12	DXS
Vanessa atalanta many migrants	Tompkins: Cornell campus & Eames/Mud Creek Swamp	17-Apr-12	12-May-12	RD
Vanessa atalanta larvae on Boehmeria cylindrica	Schuyler: Rock Cabin Rd. near Montour Falls	01-May-12		DXK
Vanessa atalanta larvae on Laporea canadensis	Tompkins: McLean Bogs Preserve	29-May-12		DXK
Vanessa cardui migrants	Tompkins: Shindagin Hollow	04-May-12	11-May-12	DXK
Vanessa cardui	Tompkins: McLean Bogs Preserve & Ithaca	29-May-12	27-Aug-12	RD
Vanessa virginienensis early date	Tompkins: Shindagin Hollow	16-Apr-12	04-May-12	RD
Vanessa virginienensis early and late dates	Schuyler: Rock Cabin Rd. near Montour Falls	01-May-12	22-Oct-12	DXK
Vanessa virginienensis ovipositing on Anaphalis margaritacea; bird beak damage on wings	Tompkins: McLean Bogs Preserve	13-May-12		DXK
Nymphalis antiopa	Tompkins: McLean Bogs Preserve	18-Mar-12	19-Mar-12	DXK
Nymphalis antiopa early date; 12:30am - 1:30pm; 75°; 1278 Kamery Rd.	Cattaragus: Olean	21-Mar-12		JTM
Nymphalis antiopa migrant	Schuyler: Cayuta Lake boat launch area	17-Sep-13		DXK
Polygonia comma perched male; early date	Tompkins: McLean Bogs Preserve	11-Mar-12		RD
Polygonia comma	Tompkins: Shindagin Hollow	11-May-12		DXW
Polygonia interrogationis dark phase; early date; 12:30am - 1:30pm; 75°; 1278 Kamery Rd.	Cattaragus: Olean	21-Mar-12		JTM
Polygonia interrogationis 1 migrant	Schuyler: Rock Cabin Rd. near Montour Falls	01-May-12		DXK
Polygonia interrogationis migrant females ovipositing on Urtica dioica & Ulmus americana	Tompkins: Shindagin Hollow	01-May-12		DXK
Polygonia interrogationis migrants	Tompkins: McLean Bogs Preserve	13-May-12	11-Sep-12	RD
Polygonia interrogationis ovipositing on Humulus lupulus flowers	Tompkins: Ithaca	14-Jun-12		RD
Polygonia interrogationis 2 migrants	Tompkins: Connecticut Hill	17-Sep-12		DXK
Polygonia progne very early date; feeding at Acer saccharum	Tompkins: Ithaca; Sapsucker Woods	13-Mar-12		RD
Polygonia progne feeding at Acer saccharum	Tompkins: McLean Bogs Preserve	13-Apr-12		DXK
Polygonia progne many fresh adults	Schuyler: Rock Cabin Rd. near Montour Falls	13-Jun-12		DXK
Polygonia progne male at muck	Tompkins: Salt Rd. fen near Groton	22-Jun-12		DXK
Junonia coenia early date; 1278 Kamery Rd.	Cattaragus: Olean	06-May-12		JTM
Junonia coenia early migrant	Tompkins: Shindagin Hollow	11-May-12		DXW
Junonia coenia via B. Grosek	Broome: Binghamton, Prentice Rd.	30-Jun-12		RD
Junonia coenia female	Tompkins: Ithaca; Wegman's parking lot	29-Jul-12		RD
Junonia coenia fresh males	Niagara: Lockport; Hall's Apple Orchard	01-Aug-12		FXB
Junonia coenia nectaring at Buddleia davidii in nursery	Tompkins: Lansing	15-Aug-12		RD
Junonia coenia very drab male	Tompkins: McDaniel Meadow	01-Sep-12		RD
Junonia coenia	Schuyler: Cayuta Lake boat launch area	17-Sep-12		DXK
Junonia coenia 8-10 migrants nectaring at Solidago canadensis	Tompkins: Connecticut Hill	17-Sep-12		DXK
Junonia coenia flushed; 58 F. gloomy weather	Tompkins: Dryden Lake, south shore	10-Oct-12		DXK

Junonia coenia late date; nectaring on Aster pilosus	Schuylers: Rock Cabin Rd.	22-Oct-12		DXK
Chlosyne harrisii ovipositing on Aster umbellatus	Tompkins: McLean Bogs Preserve	29-May-12		DXK
Chlosyne harrisii fresh male	Tompkins: Salt Rd. fen near Groton	29-May-12		DXK
Phyciodes cocyta partial second (Aug.) brood	Schuylers: Rock Cabin Rd. near Montour Falls	15-Jun-12	29-Aug-12	DXK
Phyciodes tharos early date	Schuylers: Rock Cabin Rd. near Montour Falls	01-May-12		DXK
Phyciodes tharos	Tompkins: McLean Bogs Preserve	13-May-12		DXK
Euphydryas phaeton 2 adults	Tompkins: McLean Bogs Preserve	30-Jun-12		RD
Moths				
COSSIDAE				
Zeuzera pyrina	Erie: East Amherst	08-Jun-12		FXB
GEOMETRIDAE				
Haematopis grataria common	Niagara: Lockport; Hall's trail east	07-Sep-12		FXB
SPHINGIDAE				
Lintneria eremitus nectaring on phlox at dusk	Cattaragus: Olean	06-Jul-12		JTM
Hemaris thysbe male on Asclepias incarnata	Niagara: Lockport; N. Leden Lane	05-Jul-12		FXB
Eumorpha satellitia freshly emerged female	Niagara: Lockport; plaza parking lot	31-Jul-12		FXB
EREBIDAE				
Lycomorpha pholus	Schuylers: Rock Cabin Rd.	10-Sep-12		RD
Cycnia tenera female on Dogbane	Niagara: Lockport; Day Road	21-Jun-12		FXB
Catocala piatrix	Niagara: Lockport; Gazebo roof at Willow Gardens	15-Aug-12		FXB
Catocala unijuga	Niagara: Lockport; sidewalk at Sew & Vac	23-Aug-12		FXB

PENNSYLVANIA

Butterflies

HESPERIIDAE

Epargyreus clarus	Washington: Mingo Creek County Park	29-Apr-12		MXM
Epargyreus clarus	Allegheny: Yough River Trail	18-Aug-12		MXM
Urbanus proteus 1, observed	ERIE: State Game Lands #314	08-Aug-12		GM
Urbanus proteus	Washington: Mingo Creek County Park	13-Aug-12		MXM
Thorybes pylades	Washington: State Game Lands #232	03-Jun-12		MXM
Pholisora catullus	Washington: State Game Lands #232	14-Aug-12	01-Sep-12	MXM
Erynnis baptisiae	Washington: Mingo Creek County Park	29-Apr-12		MXM
Erynnis baptisiae	Washington: State Game Lands #232	16-Sep-12		MXM
Erynnis icelus	Forest: Buzzard Swamp	09-Jun-12		MXM
Pyrgus communis	Berks: Reading	07-Apr-12		KG
Pyrgus communis	Washington: Mingo Creek County Park	20-May-12	19-Aug-12	MXM
Pyrgus communis	Washington: State Game Lands #232	12-Aug-12	25-Oct-12	MXM
Pyrgus communis	Allegheny: Bethel Park	05-Sep-12	13-Sep-12	MXM
Carterocephalus palaemon	Forest: Buzzard Swamp	09-Jun-12		MXM
Amblyscirtes hegon	Forest: Buzzard Swamp	09-Jun-12		MXM
Nastra lherminier	Washington: Mingo Creek County Park	13-Aug-12		MXM
Nastra lherminier	Allegheny: Yough River Trail	18-Aug-12		MXM
Ancyloxypha numitor	Washington: Mingo Creek County Park	26-May-12		MXM
Ancyloxypha numitor	Washington: State Game Lands #232	29-Sep-12		MXM
Thymelicus lineola	Washington: Mingo Creek County Park	26-May-12	23-Jun-12	MXM
Hylephila phyleus	Washington: State Game Lands #232	03-Jun-12	25-Oct-12	MXM
Hylephila phyleus	Allegheny: Bethel Park	20-Jun-12	22-Jul-12	MXM
Hylephila phyleus	Washington: Mingo Creek County Park	04-Aug-12	13-Aug-12	MXM
Hesperia sassacus	Forest: Buzzard Swamp	09-Jun-12		MXM

Atalopedes campestris 1 female, collected	ERIE: Erie bay front	13-Sep-12		GM
Polites mystic	Forest: Buzzard Swamp	09-Jun-12		MXM
Polites origenes	Washington: Mingo Creek County Park	13-Aug-12		MXM
Polites peckius	Washington: Mingo Creek County Park	20-May-12		MXM
Polites peckius	Washington: State Game Lands #232	06-Sep-12		MXM
Polites peckius late Erie Co. date by 5 weeks	Erie: Tom Ridge Environmental Center	25-Oct-12		GM
Polites themistocles	Washington: Mingo Creek County Park	20-May-12		MXM
Polites themistocles	Washington: State Game Lands #232	12-Aug-12		MXM
Wallengrenia egeremet	Washington: Mingo Creek County Park	23-Jun-12		MXM
Pompeius verna	Washington: Mingo Creek County Park	26-May-12	23-Jun-12	MXM
Anatrytone logan	Washington: Mingo Creek County Park	23-Jun-12		MXM
Poanes hobomok	Washington: Mingo Creek County Park	29-Apr-12		MXM
Poanes hobomok	Washington: State Game Lands #232	03-Jun-12		MXM
Poanes hobomok	Forest: Buzzard Swamp	09-Jun-12		MXM
Poanes viator several collected; new site	Crawford: State Game Lands #277	23-Jun-12		GM
Poanes viator 1, collected; new site	Erie: Western PA Conservancy near Lowville	29-Jun-12		GM
Poanes zabulon	Washington: Mingo Creek County Park	26-May-12		MXM
Poanes zabulon	Allegheny: Yough River Trail	18-Aug-12		MXM
Euphyes bimacula	Forest: Beaver Meadows	09-Jun-12		MXM
Euphyes dion several collected; new site	Crawford: State Game Lands #277	23-Jun-12		GM
Euphyes dion several collected; new site	Erie: north of Phillipsville	29-Jun-12		GM
Euphyes dion several collected	Erie: Western PA Conservancy near Lowville	29-Jun-12		GM
Euphyes vestris	Washington: Mingo Creek County Park	23-Jun-12		MXM
Panoquina ocola	WASHINGTON: State Game Lands #232	12-Aug-12		MXM
Panoquina ocola 1, collected	Erie: Erie bay front	16-Sep-12		GM
Panoquina ocola 1, collected	Erie: Presque Isle State Park	29-Sep-12		GM
PAPILIONIDAE				
Eurytides marcellus	Fayette: Friendship Hill	15-Apr-12		MXM
Eurytides marcellus	Berks: Fleetwood	15-Jul-12	12-Aug-12	KG
Battus philenor	Washington: Mingo Creek County Park	05-Jul-12		MXM
Papilio cresphontes	Berks: \	29-Jul-12	07-Sep-12	KG
Papilio glaucus	Washington: Mingo Creek County Park	29-Apr-12		MXM
Papilio glaucus	Allegheny: Yough River Trail	18-Aug-12		MXM
Papilio polyxenes	Washington: State Game Lands #232	03-Jun-12	09-Oct-12	MXM
Papilio troilus	Berks: Reading	04-Apr-12		KG
Papilio troilus	Washington: Mingo Creek County Park	20-May-12		MXM
Papilio troilus	Allegheny: Yough River Trail	18-Aug-12		MXM
PIERIDAE				
Pieris rapae	Allegheny: Bethel Park	18-Mar-12		MXM
Pieris rapae	Washington: State Game Lands #232	25-Oct-12		MXM
Pieris virginiensis	Fayette: Yough River Trail	01-Apr-12		MXM
Pieris virginiensis early Erie Co. record by two weeks; 4 collected	Erie: State Game Lands #102	04-Apr-12		GM
Anthocharis midea	Fayette: Yough River Trail	01-Apr-12		MXM
Anthocharis midea	Fayette: Friendship Hill	15-Apr-12		MXM
Colias eurytheme Early date	Berks: Blue Marsh Lake	01-Jan-12	04-Dec-12	KG
Colias eurytheme	Washington: Mingo Creek County Park	29-Apr-12		MXM
Colias eurytheme	Washington: State Game Lands #232	25-Oct-12		MXM
Colias philodice	Washington: Mingo Creek County Park	29-Apr-12		MXM
Colias philodice	Washington: State Game Lands #232	25-Oct-12		MXM
Phoebis sennae 1, collected	Erie: Presque Isle State Park	21-May-12		GM

Phoebis sennae 1, observed	Erie: Tom Ridge Environmental Center	25-May-12		GM
Phoebis sennae Also, larvae on Senna hebecarpa	Berks: Fleetwood	28-May-12	10-Sep-12	KG
Phoebis sennae	Forest: Buzzard Swamp	09-Jun-12		MXM
Phoebis sennae	Washington: State Game Lands #232	12-Aug-12	29-Sep-12	MXM
Phoebis sennae	Allegheny: Yough River Trail	18-Aug-12		MXM
Pyrisitia lisa	Washington: Mingo Creek County Park	26-May-12	08-Jul-12	MXM
Pyrisitia lisa	Washington: State Game Lands #232	01-Sep-12		MXM
Abaeis nicippe	Berks: Bernville	15-Jun-12	01-Oct-12	KG
Abaeis nicippe	Allegheny: Yough River Trail	18-Aug-12		MXM
Abaeis nicippe	Washington: State Game Lands #232	01-Sep-12	29-Sep-12	MXM
Nathalis iole	WASHINGTON: State Game Lands #232	12-Aug-12	25-Oct-12	MXM
LYCAENIDAE				
Feniseca tarquinius 1, collected	Forest: Buzzard Swamp	02-Jul-12		GM
Lycaena hyllus	Washington: State Game Lands #232	26-Aug-12		MXM
Satyrium calanus several collected	FOREST: Buzzard Swamp	02-Jul-12		GM
Satyrium calanus several collected	VENANGO: Pleaqsantville	02-Jul-12		GM
Satyrium titus	Washington: Mingo Creek County Park	16-Jun-12	23-Jun-12	MXM
Satyrium titus	Berks: Eckville	07-Jul-12		KG
Callophrys augustinus	Berks: Reading	07-Apr-12	16-Apr-12	KG
Callophrys nippon	Berks: Reading	07-Apr-12		KG
Callophrys nippon several collected	CLARION: 6 mi. SE of Clarion	18-May-12		GM
Calycopis cecrops Early date	Berks: Reading	07-Apr-12	01-Oct-12	KG
Strymon melinus	Washington: Mingo Creek County Park	23-Jun-12	13-Aug-12	MXM
Strymon melinus	Washington: State Game Lands #232	12-Aug-12		MXM
Strymon melinus	Allegheny: Yough River Trail	18-Aug-12		MXM
Erora laeta female, observed	FOREST: Buzzard Swamp	27-Jun-12		GM
Cupido comyntas Early date.	Berks: Reading	07-Apr-12		KG
Cupido comyntas 1 male; early Erie Co. record by 3 weeks	Erie: State Game Lands #194	29-Apr-12		GM
Cupido comyntas	Washington: Mingo Creek County Park	29-Apr-12		MXM
Cupido comyntas	Washington: State Game Lands #232	29-Sep-12		MXM
Celastrina ladon	Lehigh: Allentown	17-Mar-12		KG
Celastrina ladon	Berks: Fleetwood	25-Mar-12		KG
Celastrina ladon	Washington: Mingo Creek County Park	29-Apr-12	26-May-12	MXM
Celastrina lucia early Erie Co. record by two weeks	Erie: Presque Isle State Park	23-Mar-12		GM
Celastrina neglecta	Washington: State Game Lands #232	03-Jun-12	06-Sep-12	MXM
NYMPHALIDAE				
Libytheana carinenta	Washington: Mingo Creek County Park	16-Jun-12	13-Aug-12	MXM
Libytheana carinenta	Allegheny: Yough River Trail	18-Aug-12		MXM
Libytheana carinenta 1, collected	Erie: Erie bay front	16-Sep-12		GM
Danaus plexippus	Washington: Mingo Creek County Park	26-May-12		MXM
Danaus plexippus	Washington: State Game Lands #232	25-Oct-12		MXM
Lethe anthedon	Washington: State Game Lands #232	03-Jun-12		MXM
Lethe anthedon	Allegheny: Yough River Trail	18-Aug-12		MXM
Coenonympha tullia	Forest: Buzzard Swamp	09-Jun-12		MXM
Cercyonis pegala	Washington: Mingo Creek County Park	23-Jun-12	05-Jul-12	MXM
Cercyonis pegala	Allegheny: Yough River Trail	18-Aug-12		MXM
Megisto cymela	Washington: Mingo Creek County Park	20-May-12	23-Jun-12	MXM
Euptoieta claudia	Washington: Mingo Creek County Park	16-Jun-12	13-Aug-12	MXM
Euptoieta claudia	Washington: State Game Lands #232	12-Aug-12	25-Oct-12	MXM
Speyeria aphrodite	Washington: Mingo Creek County Park	23-Jun-12	13-Aug-12	MXM

<i>Speyeria atlantis</i>	Forest: Beaver Meadows	09-Jun-12		MXM
<i>Speyeria atlantis</i>	Forest: Buzzard Swamp	09-Jun-12		MXM
<i>Speyeria cybele</i>	Washington: State Game Lands #232	03-Jun-12	16-Sep-12	MXM
<i>Boloria selene</i>	Forest: Buzzard Swamp	09-Jun-12		MXM
<i>Boloria bellona</i>	Washington: Mingo Creek County Park	29-Apr-12		MXM
<i>Boloria bellona</i>	Washington: State Game Lands #232	25-Oct-12		MXM
<i>Limenitis archippus</i>	Washington: State Game Lands #232	03-Jun-12	29-Sep-12	MXM
<i>Limenitis arthemis</i>	Forest: Buzzard Swamp	09-Jun-12		MXM
<i>Limenitis arthemis astyanax</i>	Washington: Mingo Creek County Park	26-May-12		MXM
<i>Limenitis arthemis astyanax</i>	Washington: State Game Lands #232	01-Sep-12		MXM
<i>Asterocampa celtis</i>	Washington: Mingo Creek County Park	26-May-12	13-Aug-12	MXM
<i>Asterocampa celtis</i>	Washington: State Game Lands #232	14-Aug-12		MXM
<i>Asterocampa celtis</i>	Allegheny: Yough River Trail	18-Aug-12		MXM
<i>Asterocampa clyton</i>	Washington: Mingo Creek County Park	05-Jul-12		MXM
<i>Vanessa atalanta</i> 5,500 counted in 4.5 hoysrs	Erie: Tom Ridge Environmental Center	15-Apr-12		GM
<i>Vanessa atalanta</i>	Washington: Mingo Creek County Park	29-Apr-12	13-Aug-12	MXM
<i>Vanessa atalanta</i> Twelve or more flying north 6:50	Berks: Fleetwood	01-May-12		KG
<i>Vanessa cardui</i>	Allegheny: Bethel Park	20-Jun-12	22-Jul-12	MXM
<i>Vanessa cardui</i>	Washington: Mingo Creek County Park	08-Jul-12	04-Aug-12	MXM
<i>Vanessa cardui</i>	Washington: State Game Lands #232	12-Aug-12	09-Oct-12	MXM
<i>Vanessa cardui</i>	Allegheny: Yough River Trail	18-Aug-12		MXM
<i>Vanessa virginiensis</i>	Berks: Fleetwood	16-Apr-12	11-Oct-12	KG
<i>Vanessa virginiensis</i> early Erie Co. record by two weeks	Erie: Tom Ridge Environmental Center	16-Apr-12		GM
<i>Vanessa virginiensis</i>	Allegheny: Bethel Park	20-Jun-12	22-Jul-12	MXM
<i>Vanessa virginiensis</i>	Washington: Mingo Creek County Park	23-Jun-12		MXM
<i>Aglais milberti</i>	Washington: State Game Lands #232	03-Jun-12	21-Sep-12	MXM
<i>Aglais milberti</i>	Forest: Buzzard Swamp	09-Jun-12		MXM
<i>Nymphalis antiopa</i>	Washington: State Game Lands #232	03-Jun-12		MXM
<i>Nymphalis antiopa</i>	Forest: Buzzard Swamp	09-Jun-12		MXM
<i>Polygonia comma</i>	Washington: Mingo Creek County Park	26-May-12		MXM
<i>Polygonia comma</i>	Washington: State Game Lands #232	09-Oct-12		MXM
<i>Polygonia interrogationis</i>	Washington: Mingo Creek County Park	29-Apr-12		MXM
<i>Polygonia interrogationis</i>	Washington: State Game Lands #232	01-Sep-12		MXM
<i>Junonia coenia</i>	Washington: Mingo Creek County Park	20-May-12		MXM
<i>Junonia coenia</i>	Washington: State Game Lands #232	25-Oct-12		MXM
<i>Chlosyne harrisii</i>	Forest: Buzzard Swamp	09-Jun-12		MXM
<i>Chlosyne nycteis</i>	Washington: Mingo Creek County Park	26-May-12		MXM
<i>Chlosyne nycteis</i>	Allegheny: Yough River Trail	18-Aug-12		MXM
<i>Phyciodes cocyta</i> 2nd county record	Erie: Union City Dam	08-Jun-12		GM
<i>Phyciodes tharos</i>	Washington: Mingo Creek County Park	06-Apr-12		MXM
<i>Phyciodes tharos</i>	Berks: Reading	07-Apr-12		KG
<i>Phyciodes tharos</i>	Washington: State Game Lands #232	29-Sep-12		MXM
<i>Euphydryas phaeton</i>	Forest: Buzzard Swamp	09-Jun-12		MXM
Moths				
CRAMBIDAE				
<i>Diaphania hyalinata</i> 1, collected in bait trap	Erie: Presque Isle State Park	05-Oct-12		GM
PYRALIDAE				
<i>Etiella zinckenella</i> 1, collected; at mercury vapor light	Erie: Presque Isle State Park	15-Aug-12		GM
THYATIRIDAE				
<i>Pseudothyatira cymatophoroides</i>	Berks: Fleetwood	06-Jun-12		KG
NOCTUIDAE				
<i>Magusa divaricata</i> 1, collected in bait trap	Erie: Presque Isle State Park	16-Aug-12		GM
EREBIDAE				

Scolecocampa liburna	Berks: Fleetwood	03-Mar-12	KG
Larvae in decaying sapwood just under bark of Prunus serotina log; reared to adults			
Scolecocampa liburna	Berks: Fleetwood	06-Jun-12	28-Jun-12 KG

RHODE ISLAND

Butterflies

PIERIDAE

Phoebis sennae Washington: Westerly; Avondale Preserve 25-Aug-12 15-Sep-12 AG
3 with Matt Arey on first date; 15+ on latter date

Pyrisitia lisa Washington: Charlestown; Ninigret Park 25-Aug-12 AG
25+

LYCAENIDAE

Calycopis cecrops Washington: Westerly; Avondale Preserve 19-May-12 MA

Calycopis cecrops Washington: Charlestown; Ninigret Park 25-Aug-12 MA

Parrhasius m-album Washington: Charlestown; Ninigret Park 15-Sep-12 MA

NYMPHALIDAE

Anaea andria WASHINGTON: Charlestown; Ninigret Park 25-Aug-12 MA
1 male; good condition

Moths

NOTODONTIDAE

Misogada unicolor NEWPORT: Jamestown; mid-island 08-Jun-12 MJM
1 in uv light trap

VERMONT

Butterflies

PAPILIONIDAE

Papilio cresphontes Bennington: Stamford 27-May-12 AG
with Matt Arey

LYCAENIDAE

Erora laeta Bennington: Stamford; Old Couny Rd. 27-May-12 AG
20+; with Matt Arey

NYMPHALIDAE

Boloria bellona Rutland: Pittsford; Syndicate Rd. 19-Aug-12 AG
20+; with Matt Arey

Limenitis arthemis Windsor: Rochester; Brandon Gap 29-Jun-12 MA
20+

Limenitis arthemis astyanax Bennington: Stamford; Old Couny Rd. 27-May-01 AG
unbanded "hybrid"; w. Matt Arey

Asterocampa celtis Rutland: Pittsford; Syndicate Rd. 17-Jun-12 19-Aug-12 MA
15+ on 29 June

Asterocampa celtis Rutland: Weybridge 19-Aug-12 MA
10

Asterocampa clyton Rutland: Pittsford; Syndicate Rd. 29-Jun-12 08-Jul-12 MA
12 on first date

Polygonia progne Windsor: Rochester; Brandon Gap 17-Jun-12 29-Jun-12 MA
3 max.

Polygonia progne Rutland: Pittsford; Syndicate Rd. 29-Jun-12 MA
5

Moths

ADELIDAE

Adela purpurea Washington: Marshfield; 44°20'N, 72°23'W; elev. 327m. 16-Apr-12 MS
at light

OECOPHORIDAE

Mathildana newmanella Rutland: West Haven; Buckner Pres. 10-Jun-12 MS

GELECHIIDAE

Chionodes discoocellella Washington: Marshfield; 44°20'N, 72°23'W; elev. 327m. 12-Aug-12 MS

Dichomeris copa Franklin: Swanton; 44°58'N, 73°12'W; elev. 33m. 11-Aug-12 MS

Trichotaphe juncidella Franklin: Swanton; 44°58'N, 73°12'W; elev. 33m. 11-Aug-12 MS

CRAMBIDAE

Chalcoela iphitalis Franklin: Swanton; 44°58'N, 73°12'W; elev. 33m. 11-Aug-12 MS

ZYGAENIDAE

Harrisina americana Chittenden: Colchester, Sunny Hollow 02-Jul-12 MS
GPS: 44°30'N, 73°10'W; elev. 94m.

TORTRICIDAE

Sonia canadana	Washington: Marshfield; 44°20'N, 72°23'W; elev. 327m.	14-Jul-12	MS
Adoxophyes negundana	Franklin: Swanton; 44°58'N, 73°12'W; elev. 33m.	11-Aug-12	MS

GEOMETRIDAE

Aplocera plagiata	Washington: Marshfield; 44°20'N, 72°23'W; elev. 327m.	25-Aug-12	MS
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NOCTUIDAE

Pseudoplusia includens	Washington: Marshfield; 44°20'N, 72°23'W; elev. 327m.	05-Oct-12	MS
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Zone 11 Mexico**Mexico & the Caribbean Islands****Coordinator:** Isabel Vargas Fernandez**Contributors Cited:**

SMP : Tania Mentejo-Cantun & Carmen Pozo

IVF : Isabel Vargas Fernandez

General Comments:

Noemi Salas-Suarez, Tania Montejo-Cantun y Carmen Pozo, report butterfly species from the Ecological Reserve San Felipe Bacalar, Mexico, known as Experimental Site San Felipe Bacalar, Quintana Roo, Mexico, which has an extension of 8 000 hectares and it's located at coordinates 18°46' to 18°51' North Latitud and 88°17' to 88°32' West Longitude. The main types of vegetation are: evergreen tropical forest, tropical deciduous forest, savannas, and fewer secondary vegetation and forest plantations. The climate is Aw1"(x")I, warm humid, with rains in summer and part of winter, the annual average temperature is 25.5°C and annual rainfall is 1260 mm, with a well-marked dry season between the months of December and May. The ground surface it's almost flat and presents different soil types typical of the Yucatan Peninsula. The Reserve is very important as it serves as a refuge of local fauna due to the pressure from the surrounding ranches; also has a Centre for Research and Conservation of Wildlife (CIVS for its acronym in Spanish) whose functions are, among others, the rescue and rehabilitation of wildlife. A preliminary work was conducted in the Reserve with the Papilionidae, and we found a total of 98 species in the months of March, May and October of 2010, and January and March of 2011. Papilionidae 9, Pieridae 10, Lycaenidae 11, Riodinidae 13 and Nymphalidae 55.

QUERETARO**Butterflies****PAPILIONIDAE**

Papilio polyxenes asterius	QUERETARO: Altos del Salitre, 2 Km de El Salitre	09-Jul-12	IVF
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PIERIDAE

Pontia protodice	QUERETARO: Altos del Salitre, 2 Km de El Salitre	09-Jul-12	IVF
Anthocharis limonea	QUERETARO: Altos del Salitre, 2 Km de El Salitre	09-Jul-12	IVF
Nathalis iole	QUERETARO: Altos del Salitre, 2 Km de El Salitre	09-Jul-12	IVF

NYMPHALIDAE

Dione junio huascuma	QUERETARO: Altos del Salitre, 2 Km de El Salitre	09-Jul-12	IVF
Dione moneta poeyi	QUERETARO: Altos del Salitre, 2 Km de El Salitre	09-Jul-12	IVF
Euptoieta claudia	QUERETARO: Altos del Salitre, 2 Km de El Salitre	09-Jul-12	IVF
Chlosyne lacinia	QUERETARO: Altos del Salitre, 2 Km de El Salitre	09-Jul-12	IVF

QUINTANA ROO**Butterflies****PAPILIONIDAE**

Mimoides ilus branchus	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	04-Oct-10	SMP
Battus laodamas copanae	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	21-Mar-10	SMP
Battus polydamas	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	20-Mar-10	SMP
Parides iphidamas	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	20-Mar-10	21-Mar-10 SMP
Parides iphidamas	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	17-May-10	SMP
Parides iphidamas	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	02-Oct-10	04-Oct-10 SMP
Parides iphidamas	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	13-Mar-11	SMP
Parides photinus	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	02-Oct-10	SMP
Papilio anchisiades idaeus	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	02-Oct-10	SMP
Papilio cresphontes	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	04-Oct-10	SMP
Papilio rogeri pharnaces	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	03-Oct-10	SMP
Papilio thoas autocles	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	03-Oct-10	SMP

PIERIDAE

Glutophrissa drusilla tenuis	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	17-May-10	SMP
Glutophrissa drusilla tenuis	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	04-Oct-10	SMP
Anteos clorinde	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	02-Oct-10	03-Oct-10 SMP

<i>Anteos maerula</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	13-Mar-11	20-Mar-10	SMP
<i>Phoebis agarithe</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	20-Mar-10	21-Mar-10	SMP
<i>Phoebis agarithe</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	02-Oct-10	04-Oct-10	SMP
<i>Phoebis argante</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	02-Oct-10	04-Oct-10	SMP
<i>Aphrissa statira</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	04-Oct-10		SMP
<i>Eurema boisduvaliana</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	17-May-10		SMP
<i>Eurema boisduvaliana</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	04-Oct-10		SMP
<i>Eurema दौरa eugenia</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	19-Mar-10	21-Mar-10	SMP
<i>Eurema दौरa eugenia</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	03-Oct-10	04-Oct-10	SMP
<i>Eurema दौरa eugenia</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	12-Mar-11	13-Mar-11	SMP
<i>Pyrristia dina westwoodii</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	17-May-10		SMP
<i>Pyrristia dina westwoodii</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	03-Oct-10	04-Oct-10	SMP
<i>Pyrristia dina westwoodii</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	13-Mar-11		SMP
<i>Pyrristia nise nelphe</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	03-Oct-10	04-Oct-10	SMP
<i>Pyrristia nise nelphe</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	24-Jan-11	25-Jan-11	SMP
<i>Pyrristia nise nelphe</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	12-Mar-11	13-Mar-11	SMP
LYCAENIDAE				
<i>Eumaeus toxea</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	19-Mar-10	20-Mar-10	SMP
<i>Evenus regalis</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	25-Jan-11		SMP
<i>Arawacus hypocrita</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	13-Mar-11		SMP
<i>Arawacus sito</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	03-Oct-10	04-Oct-10	SMP
<i>Calycopis isobeon</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	04-Oct-10		SMP
<i>Calycopis isobeon</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	24-Jan-11		SMP
<i>Calycopis isobeon</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	13-Mar-11		SMP
<i>Strymon albata</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	13-Mar-11		SMP
<i>Strymon melinus</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	17-May-10		SMP
<i>Strymon yojoa</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	02-Oct-10		SMP
<i>Panhiades bathildis</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	12-Mar-11		SMP
<i>Cupido comyntas</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	21-Mar-10		SMP
<i>Cupido comyntas</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	12-Mar-11	13-Mar-11	SMP
<i>Hemiargus hanno</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	12-Mar-11	13-Mar-11	SMP
RIODINIDAE				
<i>Nothoeme erota</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	04-Oct-10		SMP
<i>Melanis pixe</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	02-Oct-10	03-Oct-10	SMP
<i>Anteros carausius</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	25-Jan-11		SMP
<i>Calephelis fulmen</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	19-Mar-10		SMP
<i>Calephelis laverna</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	12-Mar-11	13-Mar-11	SMP
<i>Calephelis nemesis</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	03-Oct-10	04-Oct-10	SMP
<i>Calephelis nemesis</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	25-Jan-11		SMP
<i>Calephelis stallingsi</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	26-Jan-11		SMP
<i>Calephelis tikal</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	13-Mar-11		SMP
<i>Calephelis yucatanana</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	13-Mar-11		SMP
<i>Caria ino</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	02-Oct-10		SMP
<i>Emesis tenedia</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	25-Jan-11		SMP
<i>Emesis tenedia</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	12-Mar-11	13-Mar-11	SMP
<i>Thisbe irenea belides</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	03-Oct-10	04-Oct-10	SMP
<i>Thisbe irenea belides</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	25-Jan-11		SMP
<i>Juditha molpe</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	17-May-10		SMP
<i>Juditha molpe</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	02-Oct-10	04-Oct-10	SMP
NYMPHALIDAE				
<i>Danaus gilippus thersippus</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	12-Mar-11		SMP
<i>Consul electra</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	19-Mar-10	20-Mar-10	SMP
<i>Consul electra</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	02-Oct-10	04-Oct-10	SMP
<i>Consul electra</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	24-Jan-11		SMP
<i>Consul electra</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	12-Mar-11	13-Mar-11	SMP
<i>Siderone galanthis</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	19-Mar-10	21-Mar-10	SMP
<i>Siderone galanthis</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	02-Oct-10	04-Oct-10	SMP
<i>Zaretis callidryas</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	19-Mar-10	21-Mar-10	SMP
<i>Zaretis callidryas</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	03-Oct-10		SMP

Zaretis callidryas	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	12-Mar-11		SMP
Anaea troglodyta	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	20-Mar-10		SMP
Fountainea euryppyle confusa	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	19-Mar-10	20-Mar-10	SMP
Fountainea euryppyle confusa	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	03-Oct-10		SMP
Memphis forreri	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	19-Mar-10	21-Mar-10	SMP
Memphis forreri	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	17-May-10		SMP
Memphis forreri	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	02-Oct-10	04-Oct-10	SMP
Memphis forreri	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	24-Jan-11		SMP
Memphis forreri	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	12-Mar-11		SMP
Memphis hedemanni	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	19-Mar-10	20-Mar-10	SMP
Memphis hedemanni	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	25-Jan-11		SMP
Memphis moruus boisduvali	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	19-Mar-10	21-Mar-10	SMP
Memphis moruus boisduvali	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	03-Oct-10	04-Oct-10	SMP
Memphis moruus boisduvali	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	24-Jan-11	25-Jan-11	SMP
Memphis moruus boisduvali	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	12-Mar-11	13-Mar-11	SMP
Memphis pithyusa	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	19-Mar-10	21-Mar-10	SMP
Memphis pithyusa	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	17-May-10		SMP
Memphis pithyusa	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	03-Oct-10	04-Oct-10	SMP
Memphis pithyusa	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	24-Jan-11		SMP
Memphis pithyusa	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	12-Mar-11	13-Mar-11	SMP
Archaeoprepona demophon centralis	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	19-Mar-10	21-Mar-10	SMP
Archaeoprepona demophon centralis	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	17-May-10		SMP
Archaeoprepona demophon centralis	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	02-Oct-10	04-Oct-10	SMP
Archaeoprepona demophon centralis	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	24-Jan-11	25-Jan-11	SMP
Archaeoprepona demophon centralis	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	12-Mar-11	13-Mar-11	SMP
Archaeoprepona demophoon gulina	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	19-Mar-10	20-Mar-10	SMP
Archaeoprepona demophoon gulina	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	02-Oct-10	03-Oct-10	SMP
Archaeoprepona demophoon gulina	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	12-Mar-11	13-Mar-11	SMP
Prepona laertes octavia	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	19-Mar-10	20-Mar-10	SMP
Prepona laertes octavia	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	04-Oct-10		SMP
Prepona laertes octavia	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	13-Mar-11		SMP
Prepona pylene philetas	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	20-Mar-10		SMP
Prepona pylene philetas	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	03-Oct-10	04-Oct-10	SMP
Morpho helenor montezuma	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	17-May-10		SMP
Morpho helenor montezuma	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	03-Oct-10		SMP
Morpho helenor montezuma	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	24-Jan-11		SMP
Caligo telamonius memnon	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	19-Mar-10	21-Mar-10	SMP
Caligo telamonius memnon	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	17-May-10	18-May-10	SMP
Caligo telamonius memnon	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	02-Oct-10	04-Oct-10	SMP
Caligo telamonius memnon	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	12-Mar-11	13-Mar-11	SMP
Eryphanis aesacus	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	21-Mar-10		SMP
Eryphanis aesacus	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	18-May-10		SMP
Opsiphanes cassina fabricii	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	19-Mar-10	21-Mar-10	SMP
Opsiphanes cassina fabricii	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	02-Oct-10	04-Oct-10	SMP
Opsiphanes cassina fabricii	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	24-Jan-11		SMP
Hermeuptychia hermes	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	21-Mar-10		SMP
Hermeuptychia hermes	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	02-Oct-10	04-Oct-10	SMP
Hermeuptychia hermes	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	24-Jan-11		SMP
Hermeuptychia hermes	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	12-Mar-11		SMP
Hermeuptychia hermes	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	13-Mar-11	20-Mar-10	SMP
Dryas iulia moderata	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	20-Mar-10		SMP
Dryas iulia moderata	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	02-Oct-10	04-Oct-10	SMP
Dryadula phaetusa	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	04-Oct-10		SMP
Heliconius charithonia vazquezae	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	21-Mar-10		SMP
Heliconius charithonia vazquezae	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	02-Oct-10	04-Oct-10	SMP
Heliconius charithonia vazquezae	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	12-Mar-11		SMP
Heliconius erato petiverana	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	19-Mar-10	20-Mar-10	SMP
Heliconius erato petiverana	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	02-Oct-10	04-Oct-10	SMP
Heliconius erato petiverana	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	25-Jan-11		SMP

<i>Adelpha iphiclus</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	02-Oct-10	03-Oct-10	SMP
<i>Adelpha iphiclus</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	25-Jan-11		SMP
<i>Adelpha iphiclus iphicleola</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	21-Mar-10		SMP
<i>Adelpha iphiclus iphicleola</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	02-Oct-10	04-Oct-10	SMP
<i>Marpesia petreus</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	17-May-10		SMP
<i>Biblis hyperia aganisa</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	24-Jan-11		SMP
<i>Biblis hyperia aganisa</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	13-Mar-11	19-Mar-10	SMP
<i>Mestra dorcas amymone</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	04-Oct-10		SMP
<i>Mestra dorcas amymone</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	13-Mar-11	19-Mar-10	SMP
<i>Myscelia cyaniris</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	21-Mar-10		SMP
<i>Myscelia cyaniris</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	17-May-10		SMP
<i>Myscelia cyaniris</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	04-Oct-10		SMP
<i>Myscelia cyaniris</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	25-Jan-11		SMP
<i>Myscelia ethusa</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	12-Mar-11	20-Mar-10	SMP
<i>Eunica tatila</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	20-Mar-10	21-Mar-10	SMP
<i>Eunica tatila</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	02-Oct-10	04-Oct-10	SMP
<i>Eunica tatila</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	13-Mar-11		SMP
<i>Nessaea aglaura</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	19-Mar-10		SMP
<i>Nessaea aglaura</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	03-Oct-10	04-Oct-10	SMP
<i>Nessaea aglaura</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	26-Jan-11		SMP
<i>Hamadryas februa ferentina</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	19-Mar-10	21-Mar-10	SMP
<i>Hamadryas februa ferentina</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	17-May-10		SMP
<i>Hamadryas februa ferentina</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	03-Oct-10	04-Oct-10	SMP
<i>Hamadryas februa ferentina</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	25-Jan-11		SMP
<i>Hamadryas feronia farinulenta</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	19-Mar-10	20-Mar-10	SMP
<i>Hamadryas feronia farinulenta</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	25-Jan-11		SMP
<i>Hamadryas guatemalena</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	03-Oct-10		SMP
<i>Hamadryas guatemalena</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	13-Mar-11		SMP
<i>Temenis laothoe hondurensis</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	20-Mar-10	21-Mar-10	SMP
<i>Dynamine dyonis</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	03-Oct-10		SMP
<i>Dynamine dyonis</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	13-Mar-11		SMP
<i>Dynamine postverta mexicana</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	03-Oct-10		SMP
<i>Dynamine postverta mexicana</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	13-Mar-11		SMP
<i>Doxocopa laure</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	21-Mar-10		SMP
<i>Doxocopa laure</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	02-Oct-10	04-Oct-10	SMP
<i>Colobura dirce</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	19-Mar-10	21-Mar-10	SMP
<i>Colobura dirce</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	17-May-10		SMP
<i>Colobura dirce</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	02-Oct-10	04-Oct-10	SMP
<i>Colobura dirce</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	25-Jan-11		SMP
<i>Colobura dirce</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	12-Mar-11		SMP
<i>Historis acheronta</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	20-Mar-10		SMP
<i>Historis acheronta</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	02-Oct-10		SMP
<i>Historis odius</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	19-Mar-10	20-Mar-10	SMP
<i>Historis odius</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	03-Oct-10		SMP
<i>Historis odius</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	25-Jan-11		SMP
<i>Smyrna blomfieldia datis</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	25-Jan-11		SMP
<i>Anartia amathea</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	02-Oct-10	04-Oct-10	SMP
<i>Anartia amathea</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	12-Mar-11	13-Mar-11	SMP
<i>Anthanassa tulcis</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	04-Oct-10		SMP
<i>Anthanassa tulcis</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	25-Jan-11		SMP
<i>Anthanassa tulcis</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	13-Mar-11	21-Mar-10	SMP
<i>Cepheptychia glaucina</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	19-Mar-10	21-Mar-10	SMP
<i>Cepheptychia glaucina</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	02-Oct-10	04-Oct-10	SMP
<i>Cepheptychia glaucina</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	24-Jan-11		SMP
<i>Cepheptychia glaucina</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	13-Mar-11		SMP
<i>Cissia confusa</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	19-Mar-10	21-Mar-10	SMP
<i>Cissia confusa</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	17-May-10		SMP
<i>Cissia confusa</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	03-Oct-10	04-Oct-10	SMP
<i>Cissia confusa</i>	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	25-Jan-11		SMP

Cissia pompilia	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	02-Oct-10	03-Oct-10	SMP
Cissia pompilia	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	24-Jan-11		SMP
Cissia pompilia	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	13-Mar-11		SMP
Cissia similis	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	20-Mar-10	21-Mar-10	SMP
Cissia similis	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	25-Jan-11		SMP
Cissia terrestris	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	24-Jan-11		SMP
Magneuptychia libye	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	03-Oct-10		SMP
Pareuptychia ocirrhoe	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	19-Mar-10	21-Mar-10	SMP
Pareuptychia ocirrhoe	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	02-Oct-10	04-Oct-10	SMP
Pareuptychia ocirrhoe	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	24-Jan-11		SMP
Taygetis thamyra	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	20-Mar-10	21-Mar-10	SMP
Taygetis thamyra	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	17-May-10	18-May-10	SMP
Taygetis thamyra	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	03-Oct-10	04-Oct-10	SMP
Taygetis thamyra	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	24-Jan-11		SMP
Taygetis thamyra	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	12-Mar-11		SMP
Taygetis virgilia	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	21-Mar-10		SMP
Taygetis virgilia	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	04-Oct-10		SMP
Taygetis virgilia	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	24-Jan-11		SMP
Ypthimoides renata	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	19-Mar-10	21-Mar-10	SMP
Ypthimoides renata	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	02-Oct-10	04-Oct-10	SMP
Ypthimoides renata	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	24-Jan-11		SMP
Ypthimoides renata	QUINTANA ROO: Reserva Ecológica San Felipe Bacalar	12-Mar-11	13-Mar-11	SMP

Abbreviations

bl =black (ultraviolet) light
 cpgd =campground
 FGA =Fish & Game Area
 km =kilometers
 mm =mile marker
 NG =National Grassland
 nr =near
 PF =Provincial Forest
 SGA =State Game Area
 SP =State Park
 SWA =State Wildlife Area
 uv =ultraviolet light
 WMA =Wildlife Management Area

Co =County
 CR =County Road
 FR =Forest Road
 leg =collected by
 mtn(s) =mountain(s)
 NM =National Monument
 NWR =National Wildlife Refuge
 PP =Provincial Park
 SHP =State Historical Park
 SR =State Road
 trl =trail
 vic =vicinity
 WPA =Waterfowl Production Area

CP =County Park
 crk =creek
 jct =junction of roadways
 mi =miles
 NF =National Forest
 NP =National Park
 PA =picnic area
 SF =State Forest
 SNA =State Natural Area
 SRA =State Recreation Area
 Twp =Township
 WA =Wildlife Area

**New County or Regional records are designated in capital letters,
 i.e. TETON: 4 mi SW of Victor or CAMPECHE: Aquada Chavela**

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U.S. Records for 2012. **Top:** *Dinumma deponens*, Morganton, Fannin Co., GA, June 15, 2012, James Adams and Paul Dennehy (photo by James Adams, see pg. 130). **Lower left:** *Hemeroblemma mexicana*, Falcon Heights, Starr Co., TX, June 6, 2012, (photo by Berry Nall, see page 85). **Lower Right: Top --** *Panhiades bathildis*, The National Butterfly Center, Mission, Hidalgo Co., Dec. 15th, 2012 (photo by Jaime Villarreal; see pg. 64); **Bottom --** *Dione juno huascuma*, Bentsen Rio Grande Valley SP, Hidalgo Co., TX, Dec. 22, 2012 (photo by Pat Riek and Marie Burke, see pg. 65).