



NEWS

OF THE

LEPIDOPTERISTS' SOCIETY



2011 Season Summary

Index

NEWS OF THE LEPIDOPTERISTS' SOCIETY

Volume 54, Supplement S1

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Front Cover: (photos by Charles Bordelon, see page 75)

Left: *Historis odius dious*, female (top: upper-, bottom: underside), collected in Alamo, Hidalgo Co., TX, Nov. 2, 2011, by Charles Bordelon.

Right: *Historis a. acheronta*, female (top: upper-, bottom: underside), collected in Falcon Heights, Starr Co., TX, Sept. 1, 2011, by Barry Nall.

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 2011

Zone 1 Far North

Alaska, Yukon, Nunavut, and Northwest Territories

Contributors Cited:

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KWP : Kenelm W. Philip

Coordinator: Kenelm W. Philip

C/M : Tom R. Carr & John T. MacRoy

MLL : Michael L. Leski

General Comments:

Note regarding the Alaska Lepidoptera Survey: Only one remote field trip was made, to km 266 on the Dempster Hwy in the Yukon to obtain a live close-up photo of the ventral side of *Boloria distincta*. The Bonanza Creek Experimental Forest, and the Chena Flood Control Project, were checked regularly throughout the summer when the weather permitted, and the Steese Highway was occasionally checked. Live close-up photography of butterflies continued--all Alaskan species have now been captured alive in digital files (with some help by other people). Collections by ALS volunteers were continued in the Bristol Bay area (King Salmon) and at the mining community at Nyac (near Bethel), and on Round Island in Bristol Bay. The Teller Road on the Seward Peninsula was also collected by an ALS volunteer.

NORTHWEST TERRITORIES

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

NEW LOCALITY: Bug Creek, 15 miles SW of Aklavik, was collected by Mike Leski. This is at the east foot of the Richardson Mountains, on the west side of the Mackenzie River delta. There are historical collections from this general area, but many years have elapsed since those.

Butterflies

PIERIDAE

Colias pelidne Richardson Mts.: Dempster Hwy 3 mi W of Midway Lake 01-Aug-11 MLL

LYCAENIDAE

Lycaena dorcas Richardson Mts.: Dempster Hwy 3 mi W of Midway Lake 01-Aug-11 MLL

Lycaena dorcas N. Richardson Mts.: Bug Creek, 15 mi SW Aklavik 04-Aug-11 05-Aug-11 MLL

Plebejus idas N. Richardson Mts.: Bug Creek, 15 mi SW Aklavik 04-Aug-11 MLL

Plebejus saepiolus N. Richardson Mts.: Bug Creek, 15 mi SW Aklavik 04-Aug-11 06-Aug-11 MLL

NYMPHALIDAE

Limnitis arthemis rubrofasciata N. Richardson Mts.: Bug Creek, 15 mi SW Aklavik 04-Aug-11 MLL

Nymphalis antiopa N. Richardson Mts.: Bug Creek, 15 mi SW Aklavik 05-Aug-11 MLL

Polygonia faunus arcticus Richardson Mts.: Dempster Hwy 3 mi W of Midway Lake 01-Aug-11 MLL

Polygonia faunus arcticus N. Richardson Mts.: Bug Creek, 15 mi SW Aklavik 04-Aug-11 06-Aug-11 MLL

~60% females

Polygonia gracilis Richardson Mts.: Dempster Hwy 3 mi W of Midway Lake 01-Aug-11 MLL

Polygonia gracilis N. Richardson Mts.: Bug Creek, 15 mi SW Aklavik 04-Aug-11 05-Aug-11 MLL

YUKON TERRITORY

Butterflies

HESPERIIDAE

Erynnis persius avinoffi Yukon River valley: Dawson City, Ninth Avenue Trail 23-Jun-11 C/M

Erynnis persius avinoffi N Klondike R.Valley: North Fork Rd, east off 8 km Dempster Hwy 24-Jun-11 C/M

Pyrgus centaureae freija N Klondike R.Valley: Dempster Hwy, approx. km 60 22-Jun-11 C/M

Hesperia comma borealis N Klondike R.Valley: North Fork Rd, east off 8 km Dempster Hwy 24-Jun-11 C/M

Hesperia comma borealis Yukon River valley: km 222 Yukon Hwy 2, Lake Laberge 25-Jun-11 C/M

Polites draco Yukon River valley: km 222 Yukon Hwy 2, Lake Laberge 25-Jun-11 C/M

PAPILIONIDAE

Papilio canadensis N Klondike R.Valley: Dempster Hwy, approx. km 60 22-Jun-11 C/M

Papilio canadensis Yukon River valley: Dawson City, Ninth Avenue Trail 23-Jun-11 C/M

Papilio canadensis N Klondike R.Valley: North Fork Rd, east off 8 km Dempster Hwy 24-Jun-11 C/M

Papilio machaon aliaska N Klondike R.Valley: Dempster Hwy, approx. km 60 22-Jun-11 C/M

Papilio machaon aliaska N Klondike R.Valley: North Fork Rd, east off 8 km Dempster Hwy 24-Jun-11 C/M

Parnassius smintheus yukonensis Yukon River valley: km 222 Yukon Hwy 2, Lake Laberge 25-Jun-11 C/M

PIERIDAE

Pontia occidentalis nelsoni N Klondike R.Valley: North Fork Rd, east off 8 km Dempster Hwy 24-Jun-11 C/M

Pontia sisymbrii beringianus Yukon River valley: km 222 Yukon Hwy 2, Lake Laberge 25-Jun-11 C/M

Pieris angelika Yukon River valley: Dawson City, Ninth Avenue Trail 23-Jun-11 C/M

<i>Pieris angelika</i>	N Klondike R.Valley: North Fork Rd, east off 8 km Dempster Hwy	24-Jun-11	C/M
<i>Euchloe ausonides ogilvia</i>	Yukon River valley: Dawson City, Ninth Avenue Trail	23-Jun-11	C/M
<i>Euchloe ausonides ogilvia</i>	N Klondike R.Valley: North Fork Rd, east off 8 km Dempster Hwy	24-Jun-11	C/M
<i>Colias canadensis</i>	N Klondike R.Valley: North Fork Rd, east off 8 km Dempster Hwy	24-Jun-11	C/M
<i>Colias canadensis</i>	Yukon River Valley: Yukon Hwy 2, 4 mi N of Carmacks	29-Jul-11	MLL
<i>Colias christina kluanensis</i>	Yukon River valley: km 222 Yukon Hwy 2, Lake Laberge	25-Jun-11	C/M
<i>Colias gigantea</i>	N Klondike R.Valley: North Fork Rd, east off 8 km Dempster Hwy	24-Jun-11	C/M
<i>Colias palaeno</i>	N Klondike R.Valley: Dempster Hwy @ Grizzly Creek	30-Jul-11	MLL
<i>Colias palaeno</i>	N Ogilvie Mts.: Dempster Hwy along Engineer Creek	31-Jul-11	09-Aug-11 MLL
<i>Colias palaeno chippewa</i>	N Klondike R.Valley: North Fork Rd, east off 8 km Dempster Hwy	24-Jun-11	C/M
<i>Colias pelidne</i>	S Ogilvie Mts.: Dempster Hwy near North Fork Pass	30-Jul-11	MLL
<i>Colias pelidne</i>	N Ogilvie Mts.: Dempster Hwy along Engineer Creek	31-Jul-11	MLL
<i>Colias pelidne</i>	N Klondike R.Valley: North Fork Rd, E off 8 km Dempster Hwy	11-Aug-11	MLL
<i>Colias philodice</i>	Yukon River Valley: Yukon Hwy 2, 4 mi N of Carmacks	29-Jul-11	MLL
<i>Colias philodice</i>	S Ogilvie Mts.: Dempster Hwy near North Fork Pass	30-Jul-11	MLL
<i>Colias philodice</i>	N Ogilvie Mts.: Dempster Hwy along Engineer Creek	31-Jul-11	MLL
<i>Colias philodice</i>	N Klondike R.Valley: North Fork Rd, E off 8 km Dempster Hwy	12-Aug-11	MLL
<i>Colias philodice vitabunda</i>	N Klondike R.Valley: Dempster Hwy, approx. km 60	22-Jun-11	C/M
<i>Colias philodice vitabunda</i>	Yukon River valley: Dawson City, Ninth Avenue Trail	23-Jun-11	C/M
<i>Colias philodice vitabunda</i>	N Klondike R.Valley: North Fork Rd, east off 8 km Dempster Hwy	24-Jun-11	C/M
<i>Colias philodice vitabunda</i>	Yukon River valley: km 222 Yukon Hwy 2, Lake Laberge	25-Jun-11	C/M
LYCAENIDAE			
<i>Lycaena dorcas</i>	N Klondike R.Valley: Dempster Hwy @ Grizzly Creek	30-Jul-11	MLL
<i>Lycaena dorcas</i>	N Ogilvie Mts.: Dempster Hwy along Engineer Creek	31-Jul-11	MLL
<i>Callophrys polios</i>	Yukon River valley: km 222 Yukon Hwy 2, Lake Laberge	25-Jun-11	C/M
<i>Cupido amyntula albrighti</i>	N Klondike R.Valley: North Fork Rd, east off 8 km Dempster Hwy	24-Jun-11	C/M
<i>Celastrina lucia</i>	N Klondike R.Valley: Dempster Hwy, approx. km 60	22-Jun-11	C/M
<i>Celastrina lucia</i>	Yukon River valley: Dawson City, Ninth Avenue Trail	23-Jun-11	C/M
<i>Glaucopteryx lygdamus couperi</i>	N Klondike R.Valley: North Fork Rd, east off 8 km Dempster Hwy	24-Jun-11	C/M
<i>Plebejus glandon megallo</i>	N Klondike R.Valley: Dempster Hwy, approx. km 60	22-Jun-11	C/M
<i>Plebejus glandon megallo</i>	Yukon River valley: Dawson City, Ninth Avenue Trail	23-Jun-11	C/M
<i>Plebejus glandon megallo</i>	Yukon River valley: km 222 Yukon Hwy 2, Lake Laberge	25-Jun-11	C/M
<i>Plebejus idas alaskensis</i>	N Klondike R.Valley: North Fork Rd, east off 8 km Dempster Hwy	24-Jun-11	C/M
<i>Plebejus idas alaskensis</i>	N Klondike R.Valley: Dempster Hwy @ Scoutcar Creek	30-Jul-11	MLL
<i>Plebejus idas alaskensis</i>	N Ogilvie Mts.: Dempster Hwy along Engineer Creek	31-Jul-11	MLL
<i>Plebejus saepiolus amica</i>	N Klondike R.Valley: Dempster Hwy, approx. km 60	22-Jun-11	C/M
<i>Plebejus saepiolus amica</i>	Yukon River valley: Dawson City, Ninth Avenue Trail	23-Jun-11	C/M
<i>Plebejus saepiolus amica</i>	Yukon River valley: km 222 Yukon Hwy 2, Lake Laberge	25-Jun-11	C/M
<i>Plebejus saepiolus amica</i>	Yukon River Valley: Yukon Hwy 2, 4 mi N of Carmacks	29-Jul-11	MLL
<i>Plebejus saepiolus amica</i>	N Klondike R.Valley: Dempster Hwy @ Scoutcar Creek	30-Jul-11	MLL
<i>Plebejus saepiolus amica</i>	N Klondike R.Valley: North Fork Rd, E off 8 km Dempster Hwy	12-Aug-11	MLL
NYMPHALIDAE			
<i>Erebia epipsodea remingtoni</i>	Yukon River valley: Dawson City, Ninth Avenue Trail	23-Jun-11	C/M
<i>Erebia epipsodea remingtoni</i>	N Klondike R.Valley: North Fork Rd, east off 8 km Dempster Hwy	24-Jun-11	C/M
<i>Erebia mancinus</i>	N Klondike R.Valley: North Fork Rd, east off 8 km Dempster Hwy	24-Jun-11	C/M
<i>Oeneis chryxus caryi</i>	N Klondike R.Valley: North Fork Rd, east off 8 km Dempster Hwy	24-Jun-11	C/M
<i>Oeneis jutta alaskensis</i>	Yukon River valley: Dawson City, Ninth Avenue Trail	23-Jun-11	C/M
<i>Oeneis jutta alaskensis</i>	N Klondike R.Valley: North Fork Rd, east off 8 km Dempster Hwy	24-Jun-11	C/M
<i>Oeneis philipi</i>	N Klondike R.Valley: North Fork Rd, east off 8 km Dempster Hwy	24-Jun-11	C/M
<i>Oeneis uhleri cairnesi</i>	Yukon River valley: km 222 Yukon Hwy 2, Lake Laberge	25-Jun-11	C/M
<i>Boloria astarte distincta</i>	Yukon River valley: km 222 Yukon Hwy 2, Lake Laberge	25-Jun-11	C/M
<i>Boloria chariclea</i>	N Klondike R.Valley: North Fork Rd, east off 8 km Dempster Hwy	24-Jun-11	C/M
<i>Boloria chariclea</i>	Yukon River Valley: Yukon Hwy 2, 5 mi W of Pelly Crossing	29-Jul-11	MLL
<i>Boloria chariclea</i>	N Klondike R.Valley: North Fork Rd, E off 8 km Dempster Hwy	11-Aug-11	MLL
<i>Boloria eunomia dawsoni</i>	N Klondike R.Valley: North Fork Rd, east off 8 km Dempster Hwy	24-Jun-11	C/M
<i>Boloria frigga saga</i>	N Klondike R.Valley: North Fork Rd, east off 8 km Dempster Hwy	24-Jun-11	C/M
<i>Limenitis arthemis rubrofasciata</i>	N Klondike R.Valley: North Fork Rd, east off 8 km Dempster Hwy	24-Jun-11	C/M
<i>Limenitis arthemis rubrofasciata</i>	Yukon River Valley: Yukon Hwy 2, 4 mi N of Carmacks	29-Jul-11	MLL
<i>Nymphalis antiopa</i>	N Klondike R.Valley: North Fork Rd, E off 8 km Dempster Hwy	11-Aug-11	MLL
<i>Nymphalis l-album</i>	N Klondike R.Valley: North Fork Rd, E off 8 km Dempster Hwy	11-Aug-11	MLL
<i>Polygonia faunus arcticus</i>	Yukon River Valley: Yukon Hwy 2 @ Tatchum River	29-Jul-11	MLL
<i>Polygonia faunus arcticus</i>	N Klondike R.Valley: North Fork Rd, E off 8 km Dempster Hwy	11-Aug-11	MLL
<i>Polygonia gracilis</i>	N Klondike R.Valley: North Fork Rd, E off 8 km Dempster Hwy	11-Aug-11	MLL
<i>Phyciodes pulchella tutchone</i>	N Klondike R.Valley: North Fork Rd, east off 8 km Dempster Hwy	24-Jun-11	C/M
<i>Euphydryas anicia helvia</i>	Yukon River valley: km 222 Yukon Hwy 2, Lake Laberge	25-Jun-11	C/M
<i>Euphydryas editha</i>	Yukon River Valley: Yukon Hwy 2 @ Tatchum River	29-Jul-11	MLL

Moths

SPHINGIDAE

Hemaris thysbe	Yukon River valley: Dawson City, Ninth Avenue Trail	23-Jun-11	C/M
Hyles gallii	N Klondike R.Valley: Dempster Hwy, approx. km 60	22-Jun-11	C/M
Hyles gallii	Yukon River valley: Dawson City, Ninth Avenue Trail	23-Jun-11	C/M

NOCTUIDAE

Alypia langtoni	Yukon River valley: Dawson City, Ninth Avenue Trail	23-Jun-11	C/M
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ALASKA

Weather: Late May was dry and warmer than usual across Interior Alaska. June was warm, with thunderstorm activity, but King Salmon was cooler than normal. July was rather cloudy in the Interior, and cooler than normal at Nome and King Salmon. August was cloudy in the Interior, and both Nome and King Salmon had above-normal precipitation. September was warmer than normal across most of the state.

As in 2010, many species of butterflies did very well in May and June--but mid-summer was very poor for collecting (not only in the Interior). Early fall had excellent weather--but most species were scarce by then.

RANGE EXTENSIONS: *Arctia opulenta* from the Alaska Peninsula (Becharof Lake and Puale Bay), *Grammia quenseli* from the Seward Peninsula (mile 21 Teller Road), and *Agrotis ruta* from King Salmon. An Anchorage specimen of the Hepialid *Sthenopis purpurascens* was found in the U.S. Forest Service collection in Fairbanks.

ADDITIONAL SPECIES: Near Nyc three additional species were taken: *Carterocephalus palaemon*, *Erebia fasciata*, and *Oeneis melissa*. Had the weather been better I think even more species would have been found.

NEW SITE RECORDS: The Arctiid *Acsala anomala* was obtained at mile 21 Teller Road. This is the third site for this species on the Seward Peninsula.

RECOVERY FROM CRASH: *Nymphalis l-album* (Compton Tortoiseshell) had crashed in 2009, down to between 1% and 2% of its previous late-summer levels. In 2010 it began to recover, increasing by a factor of 10 (still an order of magnitude below its peak). In 2011, in the Bonanza Creek Experimental Forest, it reached 150% of its previous peak levels in 2007 and 2008.

EXTENDED FLIGHT: More evidence for *Pontia occidentalis* being double-brooded (if not more) in Fairbanks in at least some summers. In 2011 it flew in the Chena Flood Control Project in late May, and then in early and late July, mid-to-late August, and finally from 3 to 21 September (fresh specimens throughout the summer).

Butterflies

HESPERIIDAE

<i>Carterocephalus palaemon</i>	SW AK, Bristol Bay: King Salmon vicinity	01-Jul-11	ALS
<i>Carterocephalus palaemon</i>	SW AK Kuskokwim Rv: 6 mi N Nyc, Ridge near Nugget Creek	22-Jul-11	ALS

PAPILIONIDAE

<i>Papilio machaon</i>	Seward Peninsula: 44 mile Teller Road	18-Jun-11	ALS
<i>Papilio machaon</i>	Seward Peninsula: mile 18 Teller Road	29-Jun-11	ALS
<i>Papilio machaon</i>	Seward Peninsula: mile 21 Teller Road	03-Jul-11	ALS
<i>Parnassius eversmanni</i>	Seward Peninsula: mile 21 Teller Road	21-Jun-11	ALS

PIERIDAE

<i>Pontia occidentalis</i>	Interior Alaska: Chena Flood Control Project	24-May-11	21-Sep-11	KWP
<i>Pontia occidentalis</i>	Seward Peninsula: mile 21 Teller Road	25-Jun-11		ALS
<i>Pieris angelika</i>	SW AK Kuskokwim Rv: 6 mi N Nyc, Ridge near Nugget Creek	02-Jun-11	01-Jul-11	ALS
<i>Pieris marginalis</i>	SW AK, Bristol: King Salmon vicinity	15-Jun-11	01-Jul-11	ALS
<i>Colias hecla</i>	Seward Peninsula: 37 mile Teller Road	03-Jul-11		ALS
<i>Colias nastes</i>	Seward Peninsula: 37 mile Teller Road	29-Jun-11	03-Jul-11	ALS
<i>Colias palaeno</i>	Seward Peninsula: 34 mile Teller Road	01-Jul-11		ALS
<i>Colias tyche thula</i>	Seward Peninsula: 44 mile Teller Road	18-Jun-11		ALS
<i>Colias tyche thula</i>	Seward Peninsula: mile 21 Teller Road	21-Jun-11		ALS
<i>Colias tyche thula</i>	Seward Peninsula: mile 18 Teller Road	29-Jun-11		ALS

LYCAENIDAE

<i>Plebejus glandon</i>	Seward Peninsula: mile 18 Teller Road	29-Jun-11		ALS
<i>Plebejus optilete</i>	Seward Peninsula: 26 mile Teller Road	25-Jun-11		ALS
<i>Plebejus optilete</i>	Seward Peninsula: 34 mile Teller Road	01-Jul-11		ALS
<i>Plebejus optilete</i>	Seward Peninsula: 37 mile Teller Road	03-Jul-11		ALS

NYMPHALIDAE

<i>Coenonympha tullia kodiak</i>	Seward Peninsula, AK: mile 12 Teller Road	03-Jul-11		ALS
<i>Erebia disa</i>	SW AK, Bristol: King Salmon vicinity	16-Jun-11	26-Jun-11	ALS
<i>Erebia disa</i>	Seward Peninsula: 44 mile Teller Road	18-Jun-11		ALS
<i>Erebia disa</i>	Seward Peninsula: mile 21 Teller Road	21-Jun-11	25-Jun-11	ALS
<i>Erebia disa</i>	Seward Peninsula: mile 18 Teller Road	29-Jun-11		ALS
<i>Erebia disa</i>	Seward Peninsula: 34 mile Teller Road	01-Jul-11		ALS

<i>Erebia fasciata</i>	SW AK KUSKOKWIM RV: 6 mi N Nyac, Ridge near Nugget Creek	22-Jul-11		ALS
<i>Erebia occulta</i>	Seward Peninsula: mile 21 Teller Road	25-Jun-11	03-Jul-11	ALS
<i>Erebia occulta</i>	Seward Peninsula: 37 mile Teller Road	29-Jun-11		ALS
<i>Erebia occulta</i>	Seward Peninsula: mile 18 Teller Road	29-Jun-11		ALS
<i>Erebia rossii</i>	Seward Peninsula: mile 21 Teller Road	21-Jun-11		ALS
<i>Erebia youngi</i>	Seward Peninsula: mile 21 Teller Road	25-Jun-11		ALS
<i>Oeneis bore</i>	Seward Peninsula: 44 mile Teller Road	18-Jun-11		ALS
<i>Oeneis bore</i>	Seward Peninsula: mile 21 Teller Road	25-Jun-11		ALS
<i>Oeneis melissa</i>	Seward Peninsula: 34 mile Teller Road	01-Jul-11		ALS
<i>Oeneis melissa</i>	SW AK KUSKOKWIM RV: 6 mi N Nyac, Ridge near Nugget Creek	22-Jul-11	27-Jul-11	ALS
<i>Oeneis polixenes</i>	SW AK, Bristol: King Salmon vicinity	28-May-11	01-Jul-11	ALS
<i>Oeneis polixenes</i>	Seward Peninsula: 37 mile Teller Road	03-Jul-11		ALS
<i>Boloria alaskensis</i>	Seward Peninsula: mile 21 Teller Road	21-Jun-11		ALS
<i>Boloria chariclea</i> melanic females	Interior Alaska: Bonanza Creek Experimental Forest	11-Jun-11		ALS
<i>Boloria chariclea</i>	Seward Peninsula: 34 mile Teller Road	01-Jul-11		ALS
<i>Boloria chariclea</i>	SW AK KUSKOKWIM RV: 6 mi N Nyac, Ridge near Nugget Creek	22-Jul-11		ALS
<i>Boloria freija</i>	SW AK, Bristol: King Salmon vicinity	16-Jun-11	01-Jul-11	ALS
<i>Boloria freija</i>	Seward Peninsula: 44 mile Teller Road	18-Jun-11		ALS
<i>Boloria freija</i>	Seward Peninsula: 34 mile Teller Road	01-Jul-11		ALS
<i>Boloria improba</i>	Seward Peninsula: 44 mile Teller Road	18-Jun-11		ALS
<i>Boloria improba</i>	Seward Peninsula: 34 mile Teller Road	01-Jul-11		ALS
<i>Boloria improba</i>	Seward Peninsula: mile 21 Teller Road	03-Jul-11		ALS
<i>Boloria polaris</i>	Seward Peninsula: 44 mile Teller Road	18-Jun-11		ALS
<i>Boloria polaris</i>	Seward Peninsula: mile 18 Teller Road	29-Jun-11		ALS
<i>Boloria polaris</i>	Seward Peninsula: 34 mile Teller Road	01-Jul-11		ALS
<i>Nymphalis l-album</i> very abundant!	Interior Alaska: Bonanza Creek Experimental Forest	09-May-11	14-Sep-11	KWP

Moths

NOCTUIDAE

<i>Coranarta luteola</i>	SW AK, Bristol Bay: King Salmon vicinity	28-May-11		ALS
<i>Agrotis ruta</i>	SW AK, BRISTOL BAY: King Salmon vicinity	13-Aug-11		ALS

EREBIDAE

<i>Acsala anomala</i>	Seward Peninsula: mile 18 Teller Road	27-May-11		ALS
<i>Acsala anomala</i>	Seward Peninsula: mile 21 Teller Road	25-Jun-11		ALS
<i>Grammia quenseli</i>	SEWARD PENINSULA: mile 21 Teller Road	25-Jun-11		ALS
<i>Pararctia subnebulosa</i>	SW AK, Bristol Bay: King Salmon vicinity	05-Jul-11		ALS
<i>Arctia opulenta</i>	ALASKA PENINSULA: W side of Puale Bay	14-Jul-11		ALS
<i>Arctia opulenta</i>	ALASKA PENINSULA: Bible Camp, Becharof Lake	18-Jul-11		ALS
<i>Arctia opulenta</i>	Bristol Bay: Round Island, Walrus Islands	31-Jul-11	09-Aug-11	ALS
<i>Orgyia antiqua</i>	SW AK, Bristol Bay: King Salmon vicinity	25-Aug-11	01-Sep-11	ALS

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

Coordinator: Jon H. Shepard

Contributors Cited:

JB3 : John Baumann	DN : Dean Nicholson	RMP : Robert M. Pyle
DNR : Dana N. Ross	JHS : Jon H. Shepard	RKS : Ray & Kit Stanford
RES : Ray E. Stanford	PT1 : Paul Thompson	DT : David Threatful

General Comments:

The season in the Pacific Northwest was extremely delayed due to a cold and wet spring and early summer. This did not change until after mid July when normal summer temperatures began. That delayed the flight season by up to 2 months with species like *Callophrys sheridani* and *C. affinis* occurring in late June in Washington, instead of April and May, respectively. In southern Idaho, from the Sawtooths and south, snow was heavier even, than last year. High elevation species emerged later than usual.

There were virtually no migratory species seen and none at their normal, northern most points of migration.

BRITISH COLUMBIA

Butterflies

HESPERIIDAE

<i>Hesperia comma manitoba</i> 6800 ft.	: Jade Lake Trail; Mt. Revelstoke NP	14-Sep-11	DT
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PIERIDAE

Neophasia menapia 6200 ft.	: Mt. Revelstoke Rd.; Mt. Revelstoke NP	14-Sep-11		DT
LYCAENIDAE				
Lycaena cuprea 6800 ft.	: Jade Lake Trail; Mt. Revelstoke NP	14-Sep-11		DT
Lycaena mariposa 6500 ft.	: Jade Lake Trail; Mt. Revelstoke NP	14-Sep-11		DT
Glaucopsyche lygdamus 6700 ft.	: Miller Lake, above; Mt. Revelstoke NP	14-Sep-11		DT
Plebejus glandon 6800 ft.	: Jade Lake Trail; Mt. Revelstoke NP	14-Sep-11		DT
NYMPHALIDAE				
Speyeria hydaspe 6500 ft.	: Jade Lake Trail; Mt. Revelstoke NP	14-Sep-11		DT
Speyeria mormonia 6800 ft.	: Jade Lake Trail; Mt. Revelstoke NP	14-Sep-11		DT
Boloria alberta ovipositing on Dryas octopetala; new locality	: Andy Good Creek	13-Aug-11		DN
Boloria epithore 6500 ft.	: Jade Lake Trail; Mt. Revelstoke NP	14-Sep-11		DT
Aglais milberti 6800 ft.	: Jade Lake Trail; Mt. Revelstoke NP	14-Sep-11		DT
Polygonia faunus 6200 ft.	: Miler Lake Trail; Mt. Revelstoke NP	14-Sep-11		DT
Polygonia gracilis late date; Alistair Fraser	zephyrus: Nelson, E	04-Nov-11		JHS
Euphydryas anicia 6800 ft.	: Jade Lake Trail; Mt. Revelstoke NP	14-Sep-11		DT
Moths				
OECOPHORIDAE				
Semioscopis mcdunnoughi Libby Avis collector; det. G. R. Pohl	: Port Alberni	23-Mar-11	06-Apr-11	JHS

IDAHO

Butterflies

PAPILIONIDAE				
Papilio eurymedon 6200-7500'	Custer: Stanley, 4.8mSSW	19-Jul-11		PT1
Papilio multicaudata	Blaine: Ketchum, 10mN	18-Jul-11		PT1
Papilio zelicaon 6200-7500'	Custer: Stanley, 4.8mSSW	19-Jul-11		PT1
Parnassius clodius altaurus 6200-7500'	Custer: Stanley, 4.8mSSW	19-Jul-11		PT1
PIERIDAE				
Pontia sisymbrii 7500-8700'	Custer: Stanley, 4.8mSSW	19-Jul-11		PT1
Pieris marginalis	Blaine: Ketchum, 10mN	18-Jul-11		PT1
Anthocharis sara	Teton: Victor, 5mWSW	17-Jul-11		PT1
Anthocharis sara 7500-8700'	Custer: Stanley, 4.8mSSW	19-Jul-11		PT1
LYCAENIDAE				
Lycaena heteronea	Blaine: Ketchum, 10mN	18-Jul-11		PT1
Lycaena nivalis browni 6200-7500'	Custer: Stanley, 4.8mSSW	19-Jul-11		PT1
Callophrys gryneus	BLAINE: Ketchum, 10mN	18-Jul-11		PT1
Callophrys spinetorum	Blaine: Ketchum, 10mN	18-Jul-11		PT1
Glaucopsyche piasus	Blaine: Ketchum, 10mN	18-Jul-11		PT1
Glaucopsyche piasus 6200-7500'	Custer: Stanley, 4.8mSSW	19-Jul-11		PT1
NYMPHALIDAE				
Coenonympha tullia 6200-7500'	Custer: Stanley, 4.8mSSW	19-Jul-11		PT1
Coenonympha tullia ampelos	Blaine: Ketchum, 10mN	18-Jul-11		PT1
Oeneis chryxus	Custer: Stanley, 4.8mSSW	19-Jul-11		PT1
Speyeria callippe 6200-7500'	Blaine: Ketchum, 10mN	18-Jul-11		PT1

Speyeria hydaspe 6200-7500'	Blaine: Ketchum, 10mN	18-Jul-11	PT1
Limnitis lorquini burrisonii	Blaine: Ketchum, 10mN	18-Jul-11	PT1
Limnitis weidemeyerii latifascia	Teton: Victor, 5mWSW	17-Jul-11	PT1
Aglais milberti 10370'	Custer: Thompsn Pk .15mSW	20-Jul-11	PT1

OREGON

Butterflies

HESPERIIDAE

Erynnis icelus One hyaline spot each FW (see Shapiro)	Jackson: Old Siskiyou Pass, 4500'	20-Jun-11	RKS
Erynnis tristis STATE record and NORTH.	JACKSON: Old Siskiyou Pass, 4500'	20-May-11	RKS

PIERIDAE

Pontia beckerii westernmost record.	Jackson: Old Siskiyou Pass, 4500', hilltop	20-May-11	RKS
Pieris rapae LATE date	Jackson: Jacksonville, 1800'	02-Nov-11	RKS

NYMPHALIDAE

Limnitis lorquini LATE date	Jackson: Star Gulch, Applegate Valley	02-Nov-11	RKS
Adelpha californica LATE date	Jackson: Star Gulch, Applegate Valley	02-Nov-11	RKS
Vanessa annabella LATE date	Jackson: RVM, Medford 1600'	02-Nov-11	RES
Phyciodes orseis easternmost record.	Jackson: Old Siskiyou Pass, 4500'	20-May-11	RKS

Moths

GEOMETRIDAE

Macaria adonis 2nd CR	Klamath: Sand Creek: Antelope Desert	27-Jun-11	20-Aug-11	DNR
Macaria marmorata	KLAMATH: Sand Creek: Antelope Desert	27-Jun-11	23-Jul-11	DNR
Digrammia californiaria 2nd CR	Klamath: Sand Creek: Antelope Desert	27-Jun-11	20-Aug-11	DNR
Digrammia neptaria	KLAMATH: Sand Creek: Antelope Desert	06-Jul-11	18-Aug-11	DNR
Hesperumia latipennis 2nd CR	Klamath: Sand Creek: Antelope Desert	04-Aug-11	19-Aug-11	DNR
Glena nigricaria 2nd CR	Klamath: Sand Creek: Antelope Desert	27-Jun-11	23-Jul-11	DNR
Anavitrinella pampinaria	KLAMATH: Sand Creek: Antelope Desert	06-Jul-11		DNR
Sericosema juturnaria	KLAMATH: Sand Creek: Antelope Desert	07-Aug-11	19-Aug-11	DNR
Drepanulatrix bifilata	KLAMATH: Sand Creek: Antelope Desert	23-Jul-11		DNR
Drepanulatrix unicalcararia 2nd CR	Klamath: Sand Creek: Antelope Desert	23-Jul-11		DNR
Gabriola dyari 2nd CR	Klamath: Sand Creek: Antelope Desert	19-Aug-11		DNR
Neoterpes trianguliferata	KLAMATH: Sand Creek: Antelope Desert	26-Jun-11	08-Jul-11	DNR
Scopula junctaria	KLAMATH: Sand Creek: Antelope Desert	07-Jul-11	23-Jul-11	DNR
Scopula luteolata	KLAMATH: Sand Creek: Antelope Desert	26-Jun-11	23-Jul-11	DNR
Dysstroma brunneata 2nd CR	Klamath: Sand Creek: Antelope Desert	07-Aug-11		DNR
Dysstroma walkerata 2nd CR	Klamath: Sand Creek: Antelope Desert	21-Jul-11	19-Aug-11	DNR
Hydriomena manzanita	KLAMATH: Sand Creek: Antelope Desert	26-Jun-11	27-Jun-11	DNR
Rheumaptera subhastata	Jackson: Greensprings	12-Jul-11		RES
Stamnoctenis pearsalli	KLAMATH: Sand Creek: Antelope Desert	06-Jul-11		DNR

LASIOCAMPIDAE

Phyllodesma americana 2nd CR	Klamath: Sand Creek: Antelope Desert	27-Jun-11	07-Jul-11	DNR
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NOTODONTIDAE

Pheosia rimosa	KLAMATH: Sand Creek: Antelope Desert	27-Jun-11		DNR
Gluphisia septentrionis	KLAMATH: Sand Creek: Antelope Desert	27-Jun-11	23-Jul-11	DNR

NOCTUIDAE

Mycterophora rubricans 2nd CR	Klamath: Klamath Marsh NWR	05-Aug-10	31-Aug-10	DNR
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Caenurgina caerulea	Jackson: Old Siskiyou Pass, 4500'	20-May-11		RKS
Zale duplicata	KLAMATH: Sand Creek: Antelope Desert	27-Jun-11		DNR
Syngrapha celsa	KLAMATH: Sand Creek: Antelope Desert	19-Aug-11		DNR
Panthea virginaria 2nd CR	Klamath: Sand Creek: Antelope Desert	27-Jun-11	07-Aug-11	DNR
Raphia frater 2nd CR	Klamath: Sand Creek: Antelope Desert	06-Jul-11		DNR
Acronicta perdita	KLAMATH: Sand Creek: Antelope Desert	27-Jun-11	06-Jul-11	DNR
Merolonche lupini	KLAMATH: Sand Creek: Antelope Desert	08-Jul-11		DNR
Cucullia intermedia	KLAMATH: Klamath Marsh NWR	08-Jul-10		DNR
Cucullia intermedia 2nd CR	Klamath: Sand Creek: Antelope Desert	06-Jul-11		DNR
Schinia argentifascia STATE RECORD; 4480'	HARNEY: Van Horn Cr., mouth	11-Sep-11		DNR
Schinia aurantiaca STATE RECORD	HARNEY: Fields-Denio Rd.; 5mENE Andrews	26-May-96		DNR
Caradrina camina	KLAMATH: Sand Creek: Antelope Desert	18-Aug-11	20-Aug-11	DNR
Hyppa contrasta	KLAMATH: Sand Creek: Antelope Desert	07-Aug-11		DNR
Aseptis fumosa 2nd CR	Klamath: Sand Creek: Antelope Desert	06-Aug-11		DNR
Apamea amputatrix 2nd CR	Klamath: Sand Creek: Antelope Desert	18-Aug-11		DNR
Apamea inordinata	KLAMATH: Sand Creek: Antelope Desert	27-Jun-11		DNR
Apamea occidens	KLAMATH: Sand Creek: Antelope Desert	23-Jul-11	19-Aug-11	DNR
Apamea scoparia 2nd CR	Klamath: Sand Creek: Antelope Desert	23-Jul-11	20-Aug-11	DNR
Stretchia plusiaeformis 2nd CR	Klamath: Sand Creek: Antelope Desert	27-Jun-11		DNR
Tholera americana 2nd CR	Klamath: Sand Creek: Antelope Desert	07-Aug-11	19-Aug-11	DNR
Nephelodes demaculata 2nd CR	Klamath: Sand Creek: Antelope Desert	18-Aug-11	20-Aug-11	DNR
Sideridis uscripta 2nd CR	Klamath: Sand Creek: Antelope Desert	26-Jun-11	19-Aug-11	DNR
Lacanobia radix 2nd CR	Klamath: Sand Creek: Antelope Desert	23-Jul-11		DNR
Papestra cristifera	KLAMATH: Sand Creek: Antelope Desert	26-Jun-11	06-Jul-11	DNR
Leucania farcta 2nd CR	Klamath: Klamath Marsh NWR	08-Jul-10	28-Sep-10	DNR
Leucania multilinea 2nd Oregon location	Klamath: Sand Creek: Antelope Desert	21-Jul-11	04-Aug-11	DNR
Lacinipolia pensilis 2nd CR	Klamath: Klamath Marsh NWR	08-Jul-10		DNR
Lacinipolia vicina	KLAMATH: Sand Creek: Antelope Desert	08-Jul-11		DNR
Euxoa aequalis	KLAMATH: Sand Creek: Antelope Desert	18-Aug-11	20-Aug-11	DNR
Euxoa biformata 2nd CR	Klamath: Sand Creek: Antelope Desert	04-Aug-11	20-Aug-11	DNR
Euxoa bochus 2nd CR	Klamath: Sand Creek: Antelope Desert	19-Aug-11		DNR
Euxoa costata	KLAMATH: Sand Creek: Antelope Desert	07-Aug-11		DNR
Euxoa idahoensis	KLAMATH: Sand Creek: Antelope Desert	19-Aug-11		DNR
Euxoa intrita 2nd CR	Klamath: Sand Creek: Antelope Desert	19-Aug-11	20-Aug-11	DNR
Euxoa laetificans 2nd CR	Klamath: Sand Creek: Antelope Desert	18-Aug-11		DNR
Euxoa latro	KLAMATH: Sand Creek: Antelope Desert	19-Aug-11	20-Aug-11	DNR
Euxoa misturata 2nd CR	Klamath: Sand Creek: Antelope Desert	18-Aug-11		DNR
Euxoa ochrogaster 2nd CR	Klamath: Sand Creek: Antelope Desert	19-Aug-11		DNR
Euxoa plagigera 2nd CR	Klamath: Sand Creek: Antelope Desert	04-Aug-11	19-Aug-11	DNR
Euxoa terrena	KLAMATH: Sand Creek: Antelope Desert	07-Aug-11	20-Aug-11	DNR
Xestia finatimis	KLAMATH: Sand Creek: Antelope Desert	19-Aug-11		DNR
Agnorisma bugrai 2nd CR	Klamath: Sand Creek: Antelope Desert	19-Aug-11	20-Aug-11	DNR
Setagrotis pallidicollis 2nd CR	Klamath: Sand Creek: Antelope Desert	07-Aug-11	20-Aug-11	DNR

Adelphagrotis stellaris	KLAMATH: Sand Creek: Antelope Desert	18-Aug-11		DNR
Abagrotis duanca	KLAMATH: Sand Creek: Antelope Desert	21-Jul-11		DNR
Abagrotis forbesi	KLAMATH: Sand Creek: Antelope Desert	21-Jul-11	19-Aug-11	DNR
Abagrotis nanalis	KLAMATH: Sand Creek: Antelope Desert	19-Aug-11	20-Aug-11	DNR
Abagrotis placida	KLAMATH: Sand Creek: Antelope Desert	18-Aug-11	20-Aug-11	DNR
Abagrotis trigona 2nd CR	Klamath: Sand Creek: Antelope Desert	19-Aug-11		DNR

WASHINGTON

Butterflies

HESPERIIDAE

Epargyreus clarus Martin Warren; western record	Pacific: Naselle R., rock cut	03-Jul-11		RMP
Pyrgus communis	Spokane: Turnbull NWR	30-May-11		JB3
Heliopetes ericetorum Tighe Stuart	Spokane: Cheney	01-Sep-11	30-Sep-11	JHS
Oarisma garita	Spokane: Turnbull NWR	02-Jul-11		JB3
Thymelicus lineola 2nd. CR; Bob Hardwick & David Droppers	Pend Oreille: Mill Creek Road	15-Jul-11		JB3
Hesperia colorado	Spokane: Hog Lake	24-Jul-11		JB3
Hesperia colorado	Spokane: Turnbull NWR	24-Jul-11		JB3
Hesperia juba	Spokane: Hog Lake	04-Sep-10		JB3
Hesperia juba	Spokane: Turnbull NWR	04-Sep-11		JB3
Poliutes mystic	Spokane: Turnbull NWR	24-Jul-11		JB3
Ochlodes sylvanoides	Spokane: Hog Lake	29-Aug-10		JB3
Ochlodes sylvanoides	Spokane: Turnbull NWR	29-Aug-10		JB3

PAPILIONIDAE

Papilio multicaudata	Spokane: Turnbull NWR	02-Jul-11		JB3
Papilio multicaudata	Spokane: Hog Lake	15-Aug-11		JB3
Papilio rutulus	Spokane: Hog Lake	17-Jul-11		JB3
Papilio rutulus	Spokane: Turnbull NWR	24-Jul-11		JB3
Papilio zelicaon	Spokane: Turnbull NWR	24-Jul-11		JB3

PIERIDAE

Neophasia menapia	Spokane: Turnbull NWR	01-Sep-11	30-Sep-11	JB3
Pontia beckerii	Spokane: Hog Lake	12-May-11		JB3
Pieris rapae	Spokane: Hog Lake	12-May-11		JB3
Pieris rapae	Spokane: Turnbull NWR	04-Sep-11		JB3
Euchloe ausonides	Spokane: Hog Lake	12-May-11		JB3
Anthocharis sara stella	Spokane: Turnbull NWR	13-May-11		JB3
Colias eurytheme	Spokane: Hog Lake	15-Aug-11		JB3
Colias interior Carol Mack	Pend Oreille: Indian Creek Road	15-Jul-11		JB3
Colias philodice	Spokane: Turnbull NWR	01-Aug-10		JB3

LYCAENIDAE

Lycaena editha 2nd. CR; Rick Moore; El. 3836 ft.; 48° 33.756 117° 29.923	Pend Oreille: Ruby Creek Pond	09-Aug-11		JHS
Lycaena helloides WABA	Spokane: Hog Lake	17-Jul-11		JB3
Lycaena helloides	Spokane: Turnbull NWR	24-Jul-11		JB3
Lycaena helloides Rick Moore; El. 6442 ft.; 48° 57.102 117° 9.070	Pend Oreille: Gypsy Lake North	07-Aug-11		JHS
Lycaena heteronea WABA	Spokane: Hog Lake	17-Jul-11		JB3
Lycaena heteronea	Spokane: Turnbull NWR	24-Jul-11		JB3
Lycaena rubidus David Droppers	SPOKANE: Hog Lake	17-Jul-11		JB3
Callophrys affinis	Spokane: Turnbull NWR	12-Jun-11		JB3
Callophrys eryphon	Spokane: Turnbull NWR	13-May-11		JB3
Callophrys sheridanii	Spokane: Turnbull NWR	13-May-11		JB3
Cupido comyntas	Spokane: Turnbull NWR	24-Jul-11		JB3
Celastrina echo	Spokane: Hog Lake	13-May-11		JB3
Celastrina echo	Spokane: Turnbull NWR	13-May-11		JB3
Euphilotes battoides	Spokane: Turnbull NWR	02-Jul-11		JB3
Euphilotes battoides	Spokane: Hog Lake	02-Jul-11		JB3
Euphilotes columbiae	Spokane: Hog Lake	24-Jul-11		JB3
Glaucopteryx lygdamus	Spokane: Turnbull NWR	13-May-11		JB3

Glaucopsyche lygdamus	Spokane: Hog Lake	13-May-11	JB3
Glaucopsyche piasus	Spokane: Turnbull NWR	13-Jun-10	JB3
Glaucopsyche piasus	Spokane: Hog Lake	13-Jun-10	JB3
Plebejus icarioides	Spokane: Turnbull NWR	13-Jun-09	JB3
Plebejus icarioides	Spokane: Hog Lake	10-Jul-11	JB3
Plebejus lupini	Spokane: Turnbull NWR	01-Aug-11	JB3
Plebejus lupini	Spokane: Hog Lake	01-Aug-11	JB3
Plebejus melissa	Spokane: Turnbull NWR	13-Aug-11	JB3
RIODINIDAE			
Apodemia mormo 2nd CR	Spokane: Hog Lake	28-Aug-11	JB3
NYMPHALIDAE			
Danaus plexippus	Spokane: Turnbull NWR	29-Aug-10	JB3
Coenonympha tullia	Spokane: Turnbull NWR	02-Jul-11	JB3
Coenonympha tullia	Spokane: Hog Lake	17-Jul-11	JB3
Cercyonis oetus WABA	Spokane: Hog Lake	17-Jul-11	JB3
Cercyonis oetus	Spokane: Turnbull NWR	24-Jul-11	JB3
Cercyonis pegala	Spokane: Hog Lake	17-Jul-11	JB3
Cercyonis pegala	Spokane: Turnbull NWR	24-Jul-11	JB3
Cercyonis sthenele WABA	SPOKANE: Hog Lake	17-Jul-11	JB3
Speyeria callippe 2nd CR	Spokane: Hog Lake	17-Jul-11	JB3
Speyeria callippe	Spokane: Turnbull NWR	24-Jul-11	JB3
Speyeria cybele leto	Spokane: Turnbull NWR	01-Aug-11	JB3
Speyeria zerene	Spokane: Hog Lake	17-Jul-11	JB3
Speyeria zerene	Spokane: Turnbull NWR	24-Jul-11	JB3
Vanessa cardui	Spokane: Turnbull NWR	13-Jun-10	JB3
Aglais milberti	Spokane: Turnbull NWR	02-Jul-11	JB3
Nymphalis antiopa	Spokane: Turnbull NWR	15-May-10	JB3
Nymphalis californica R. L. Crawford	Spokane: Turnbull NWR	22-Jun-92	JB3
Nymphalis californica R. L. Crawford	Spokane: Hog Lake	22-Jun-92	JB3
Phyciodes cocyta	Spokane: Turnbull NWR	24-Jul-11	JB3
Phyciodes cocyta	Spokane: Hog Lake	27-Jul-11	JB3
Phyciodes mylitta	Spokane: Hog Lake	15-Aug-11	JB3

Moths

EREBIDAE

Grammia doris	PEND OREILLE: Ione, 3mS; East Side Pend Oreille R. STATE; Susan & Matt Hobbs; 48.688° 117.388°	23-Jun-11	JHS
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Zone 3 Southwest/Hawaii Arizona, California, Nevada, and Hawaii

Coordinator: Ken Davenport

Contributors Cited:

VXA : Valeriu Albu	BB4 : Brian Banker	RAB : Robert A. Behrstock
JPB : James P. Brock	HB : Hank Brodtkin	MB1 : Matthew Brown
RB2 : Ray Bruun	LLC : Laurence L. Crabtree	KD : Ken Davenport
JAD : John A DeBenedictis	JD1 : Jim Dreier	JFE : John F. Emmel
AG : Alex Grkovich	KCH : Kenneth C. Hansen	FH : Fred Heath
FHK : Fred Heath & Mary Klinkel	DH1 : David Horner	TH1 : Tom Horton
PGJ : Paul G. Johnson II	GJ : Gary Jue	KK : Ken Kertell
MWK : Michael W. Klein	NL : Nick Lethaby	CL1 : Carl Lundblad
SOM : Sterling O. Mattoon	JGP : John G. Pasko	WDP : William D. Patterson
DP2 : David Powell	KMR : Kelly M. Richers	KR : Kilian Roever
PS3 : Pete Spino	RES : Ray E. Stanford	T/S : William H. Taft & Ned Schaper
PMT : Paul M. Tuskes	MV : Marcelline VandeWater	MW : Mark Walker
DW : Dave L. Wikle		

ARIZONA

2011 started out alright in terms of precipitation for the spring but the summer rains and monsoons were poor so the year was generally a poor one. Like California, the state has become well known to lepidopterists for butterflies and only one new COUNTY record was reported. Many new COUNTY records for moths were compiled by Kelly Richers. The state was hit by major forest fires in the Chiricahua, Huachuca and White Mountains and we await reports in 2012 to assess what damage to those faunas occurred and reports of recovery.

Butterflies

HESPERIIDAE

Zestusa dorus	Gila: Colonel Devlin Trail N of Payson	22-Apr-11		TH1
Thorybes drusus	GILA: Peppersauce Canyon, Santa Catalina Mts.	08-Aug-11		BB4
Kilian Roever reportedly has other Pinal County records.				
Staphylus ceos	Mohave: Hualapai Mts ravine & stream near Atherton Lane	26-Jul-11	27-Jul-11	KD
First time taken in numbers in this county, may be a resident				
Timochares rufifasciata	Cochise: Garden Canyon, Huachuca Mts.	27-Aug-11		FH
Photo by Tom Deecken, very rare stray to state				
Timochares rufifasciata	Pima: Arizona Sonoran Desert Museum nr. Tucson	30-Sep-11		FH
Photo by Howard Bryne				
Timochares rufifasciata	Santa Cruz: Patagonia Mts., Harshaw area	29-Oct-11		FH
Erynnis icelus	Coconino: Kaibab Plateau, Parrisawampitts Canyon	09-Jul-11		KR
Unusually LATE in the season				
Erynnis telemachus	Coconino: Kaibab Plateau, Big Springs R. S.	09-Jul-11		KR
Relatively LATE in the season				
Pyrgus xanthus	Gila: Colonel Devlin Trail N of Payson	29-Apr-11		DP2
Photos, accompanied by MV				
Heliopyrgus domicella	Maricopa: Sycamore Creek nr. Log Corral Cyn.	06-Mar-11		DP2
Accompanied by Ted Gilliland				
Heliopetes laviana	Santa Cruz: Patagonia Mts., Harshaw area	29-Oct-11		FH
Photo by Carolyn Viera				
Piruna aea	Santa Cruz: Patagonia Mts. Harshaw area at mud	04-Aug-11		MB1
Unusually common				
Amblyscirtes eos	Pima: Santa Rita Mts., Box Canyon	30-Nov-11		JPB
Overwintering larvae rolled up in leaves of Panicum obtusum				
Ancyloxypha arene	Pinal: Haunted Canyon	10-Sep-11		TH1
Documentation this species occurs in this county				
Adopaeoides prittwitzi	Santa Cruz: Santa Cruz River, San Rafael Valley	01-Jun-11		MB1
Polites draco	Coconino: North Rim of the Grand Canyon	03-Jul-11	07-Jul-11	DP2
Photo of species little known in state.				
Polites mystic dacotah	Coconino: East Clear Creek Trail	05-Jun-11		DP2
Photo, accompanied by Ted Gilliland.				
Atrytonopsis cestus	Santa Cruz: Pena Blanca Lake	17-Apr-11		DP2
Eighty individuals of a normally rare species observed while with Ted Gilliland				

PAPILIONIDAE

Papilio indra kaibabensis	Coconino: Cape Final Trail, North Rim of Grand Canyon	03-Aug-11		TH1
Very nice photo of a butterfly rarely seen.				

PIERIDAE

Neophasia terlooitii	Pima: Rincon Mts., 1/2 mi. below Manning Camp	22-Oct-11		CL1
Observed by Carl Lundblad, new for this mountain range.				
Ascia monuste	Cochise: Foothills of Dragoon Mts.	12-Aug-11	01-Sep-11	KD
Seen and photographed by Arlene Ripley				
Ascia monuste	Santa Cruz: Patagonia Butterfly Garden	19-Aug-11		MB1
This rare migrant had good movement into state this year				
Ascia monuste	Pima: Santa Rita Mts., Madera Canyon	30-Aug-11		GJ
Photo				
Ascia monuste	Cochise: Carr Canyon Rd., Hereford	31-Aug-11		HB
Photo				
Ascia monuste	Santa Cruz: Santa Cruz River at Tubac	10-Sep-11		CL1
Photo				
Ascia monuste	Pima: Tucson (eastern portion)	11-Sep-11		BB4
Ascia monuste	Santa Cruz: Patagonia Butterfly Garden	23-Sep-11	01-Nov-11	MV
Photo				
Ascia monuste	Santa Cruz: Patagonia	03-Nov-11		KK
Pyrisitia lisa	Santa Cruz: Sycamore Canyon	18-Oct-11		TH1
Rare stray, collected and photos in some numbers at this locality this year.				
Pyrisitia nise	Santa Cruz: Sycamore Canyon	28-Oct-11		DP2
Rare stray, photos. Accompanied by MV.				

LYCAENIDAE

Lycaena heteronea Photos.	Coconino: N Rim of Grand Cyn, Vista Encantada, Cape Royal Rd	03-Jul-11	07-Jul-11	DP2
Lycaena heteronea Photos.	Coconino: North Rim of the Grand Canyon	01-Aug-11	03-Aug-11	TH1
Satyrium sylvinus itys Photo	Gila: Tonto Creek	19-Jul-11		MV
Eroria quaderna EARLY	Cochise: Huachuca Mts., upper Garden Cyn. picnic area	24-Jan-11		RAB
Eroria quaderna	Gila: Colonel Devlin Trail N of Payson	29-Apr-11		DP2
Hypaurotis crysalus Good numbers and unusually LATE in season	Santa Cruz: Upper Madera Canyon, Santa Rita Mts.	23-Oct-11		GJ
Glaucopsyche piasus	Coconino: Kaibab Plateau	09-Jul-11		KR
RIODINIDAE				
Calephelis wrighti Three seen, sweetbush host in bloom	Maricopa: Drainage in Fountain Hills	25-Oct-11		MV
NYMPHALIDAE				
Anaea aidea EARLY for state, seen with Karen LeMay	Cochise: S of Hereford, E side Huachuca Mts.	22-Jan-11		RAB
Coenonympha tullia subfusca First time for an apparent second brood of this species in the state, LATE.	Apache: White Mts., Sunrise Lake 9000'	21-Sep-11		KR
Neominois ridingsii Localities for this species in this county not well known	Yavapai: Mingus Mtn., E slope	17-Jun-11		TH1
Limnitis archippus obsoleta Very unusual at this locality	Pima: Proctor area, lower Madera Canyon	23-Oct-11		GJ
Limnitis arthemis arizonensis No published records for National Park, occurs there at 3 locations.	Coconino: Bright Angel Creek 4700', Grand Cyn N. P.	11-Jul-11		KR
Mestra amymone Very rare stray in 2011	Santa Cruz: Patagonia Butterfly Garden	01-Nov-11		MV
Asterocampa celtis LATE	Pima: Tucson Botanical Garden	29-Nov-11		FH
Asterocampa clyton texana Very common in this county where this species is poorly known.	Pinal: Peppersauce Canyon, Santa Catalina Mts.	15-Aug-11		BB4
Asterocampa clyton texana LATE, found and photographed by Mary Klinkel.	Pima: Sabino Canyon, Santa Catalina Mts.	23-Nov-11		FHK
Polygonia interrogationis Four taken, possibly a breeding population...rare in this county.	Graham: Bonito Creek	26-May-11		KR
Microtia elva Two photographed or seen.	Pima: Box Canyon, Santa Rita Mts.	01-Oct-11		MV
Phyciodes batesii anasazi One of the states rarest butterflies.	Coconino: Bright Angel Creek 5100', Grand Canyon N. P.	11-Jul-11		KR
Phyciodes cocyta selenis Over thirty seen, EARLY...seen with Ted Gilliland	Coconino: Clear Creek Trail	05-Jun-11		DP2
Moths				
GRACILLARIIDAE				
Phyllonorycter antiochella mv lt	COCHISE: Ramsey Cyn, Huachuca Mts	17-Jul-11	21-Jul-11	VXA
GELECHIIDAE				
Chionodes obex mv lt	COCHISE: Ramsey Cyn, Huachuca Mts	17-Jul-11	21-Jul-11	VXA
Chionodes munifex mv lt	COCHISE: Ramsey Cyn, Huachuca Mts	17-Jul-11	21-Jul-11	VXA
Filatima arizonella mv lt	COCHISE: Ramsey Cyn, Huachuca Mts	17-Jul-11	21-Jul-11	VXA
Filatima natalis	SANTA CRUZ: Madera Cyn	20-Jul-11		VXA
Faculta inaequalis mv lt	COCHISE: Ramsey Cyn, Huachuca Mts	17-Jul-11	21-Jul-11	VXA
Dichomeris diva mv lt	COCHISE: Ramsey Cyn, Huachuca Mts	17-Jul-11	21-Jul-11	VXA
COSMOPTERIGIDAE				
Melanoclinis nigrilineella mv lt	COCHISE: Ramsey Cyn, Huachuca Mts	17-Jul-11	21-Jul-11	VXA
CARPOSINIDAE				
Bondia comonana mv lt	COCHISE: Ramsey Cyn, Huachuca Mts	17-Jul-11	21-Jul-11	VXA
GRAMBIDAE				
Blepharomastix pseudoranalisis	SANTA CRUZ: Madera Cyn	20-Jul-11		VXA
Blepharomastix ranalis datialis	SANTA CRUZ: Madera Cyn	20-Jul-11		VXA

<i>Crambus angustexon</i>	SANTA CRUZ: Madera Cyn	20-Jul-11		VXA
<i>Crambus leuconotus</i> mv lt	COCHISE: Ramsey Cyn, Huachuca Mts	17-Jul-11	21-Jul-11	VXA
<i>Neohelvitobots neohelvalis</i> mv lt	COCHISE: Ramsey Cyn, Huachuca Mts	17-Jul-11	21-Jul-11	VXA
<i>Xubida dentilineatella</i> mv lt	COCHISE: Ramsey Cyn, Huachuca Mts	17-Jul-11	21-Jul-11	VXA
PYRALIDAE				
<i>Pyralis cacamica</i> mv lt	COCHISE: Ramsey Cyn, Huachuca Mts	17-Jul-11	21-Jul-11	VXA
<i>Oneida luniferella</i> mv lt	COCHISE: Ramsey Cyn, Huachuca Mts	17-Jul-11	21-Jul-11	VXA
<i>Dioryctria gulosella</i> mv lt	COCHISE: Ramsey Cyn, Huachuca Mts	17-Jul-11	21-Jul-11	VXA
<i>Rumathia polingella</i> mv lt	COCHISE: Ramsey Cyn, Huachuca Mts	17-Jul-11	21-Jul-11	VXA
<i>Peoria opacella</i> mv lt	COCHISE: Ramsey Cyn, Huachuca Mts	17-Jul-11	21-Jul-11	VXA
SESIIDAE				
<i>Paranthrene fenestrata</i>	PIMA: Madera Cyn, Old Baldy Trail	05-Aug-11		T/S
<i>Osminia ruficornis</i>	PIMA: Madera Cyn base	27-Aug-11		T/S
ZYGAENIDAE				
<i>Harrisina avera</i> mv lt	COCHISE: Ramsey Cyn, Huachuca Mts	17-Jul-11	21-Jul-11	VXA
<i>Seryda constans</i> mv lt	COCHISE: Ramsey Cyn, Huachuca Mts	17-Jul-11	21-Jul-11	VXA
<i>Acoloitus rectarius</i> mv lt	COCHISE: Ramsey Cyn, Huachuca Mts	17-Jul-11	21-Jul-11	VXA
<i>Tetraclonia dyari</i> mv lt	COCHISE: Ramsey Cyn, Huachuca Mts	17-Jul-11	21-Jul-11	VXA
<i>Tetraclonia dyari</i>	SANTA CRUZ: Madera Cyn	20-Jul-11		VXA
MEGALOPYGIDAE				
<i>Megalopyge bissesae</i> mv lt	COCHISE: Ramsey Cyn, Huachuca Mts	17-Jul-11	21-Jul-11	VXA
COSSIDAE				
<i>Fania nana</i> mv lt	COCHISE: Ramsey Cyn, Huachuca Mts	17-Jul-11	21-Jul-11	VXA
GEOMETRIDAE				
<i>Macaria multilineata</i> at uv trap	YAVAPAI: 4 mi E Walker Rd, 4.1 mi S Rt 69, 5700'	23-Jul-11		KMR
<i>Digrammia fieldi</i> mv lt	COCHISE: Ramsey Cyn, Huachuca Mts	17-Jul-11	21-Jul-11	VXA
<i>Digrammia irrorata</i> mv lt	COCHISE: Ramsey Cyn, Huachuca Mts	17-Jul-11	21-Jul-11	VXA
<i>Digrammia pictipennata</i> at uv trap	YAVAPAI: Mingus Mtn, W side, Rt 89A, 6900'	22-Jul-11		KMR
<i>Digrammia yavapai</i> at uv trap	YAVAPAI: Mingus Mtn, W side, Rt 89A, 6900'	22-Jul-11		KMR
<i>Glena grisearia</i> at u.v. trap	YAVAPAI: Mingus Mtn, W side, Rt 89A, 6900'	22-Jul-11		KMR
<i>Glena interpunctata</i> at u.v. trap	YAVAPAI: Mingus Mtn, W side, Rt 89A, 6900'	22-Jul-11		KMR
<i>Glena macdunnougharia kirkwoodari</i> at u.v. trap	YAVAPAI: 4 mi E Walker Rd, 4.1 mi S Rt 69, 5700'	23-Jul-11		KMR
<i>Stenoporpia glaucomarginaria</i> at u.v. trap	YAVAPAI: Mingus Mtn, W side, Rt 89A, 6900'	22-Jul-11		KMR
<i>Glaucina denticularia</i> at u.v. trap	YAVAPAI: 4 mi E Walker Rd, 4.1 mi S Rt 69, 5700'	23-Jul-11		KMR
<i>Glaucina interruptaria</i> at uv trap	MOHAVE: Hualapai Mtn Rd, 5340'	21-Jul-11		KMR
<i>Anavitrinella addendaria</i> at u.v. trap	YAVAPAI: 4 mi E Walker Rd, 4.1 mi S Rt 69, 5700'	23-Jul-11		KMR
<i>Vinemina opacaria</i> at u.v. trap	YAVAPAI: 4 mi E Walker Rd, 4.1 mi S Rt 69, 5700'	23-Jul-11		KMR
<i>Apodrepanulatrix litaria</i>	SANTA CRUZ: Madera Cyn	20-Jul-11		VXA
<i>Ixala desperaria</i>	SANTA CRUZ: Madera Cyn	20-Jul-11		VXA
<i>Pterospora opuscularia</i>	SANTA CRUZ: Madera Cyn	20-Jul-11		VXA

Pero modesta at uv trap	YAVAPAI: Mingus Mtn, FR 104, 7600'	24-Jul-11		KMR
Nacophora perfidaria at uv trap	YAVAPAI: Mingus Mtn, W side, Rt 89A, 6900'	22-Jul-11		KMR
Caripeta hilumaria	SANTA CRUZ: Madera Cyn	20-Jul-11		VXA
Besma sesquilinearia at u.v. trap	YAVAPAI: Mingus Mtn, W side, Rt 89A, 6900'	22-Jul-11		KMR
Eusarca geniculata at u.v. trap	YAVAPAI: Mingus Mtn, W side, Rt 89A, 6900'	22-Jul-11		KMR
Antepione imitata at u.v. trap	YAVAPAI: Mingus Mtn, W side, Rt 89A, 6900'	22-Jul-11		KMR
Nemoria arizonaria at uv trap	YAVAPAI: Mingus Mtn, W side, Rt 89A, 6900'	22-Jul-11		KMR
Dichorda rectoria at uv trap	YAVAPAI: Mingus Mtn, W side, Rt 89A, 6900'	22-Jul-11		KMR
Idaea eremiata mv light	COCHISE: Ramsey Cyn, Huachuca Mts	17-Jul-11	21-Jul-11	VXA
Eulithis luteolata at uv trap	YAVAPAI: 4 mi E Walker Rd, 4.1 mi S Rt 69, 5700'	23-Jul-11		KMR
Hydriomena barnesata at uv tra[YAVAPAI: Mingus Mtn, FR 104, 7600'	24-Jul-11		KMR
Hydriomena morosata at uv tra[YAVAPAI: Mingus Mtn, FR 104, 7600'	22-Jul-11		KMR
Zenophleps lignicolorata	SANTA CRUZ: Madera Cyn	20-Jul-11		VXA
LASIOCAMPIDAE				
Tolyte nigricaria at uv trap	MOHAVE: Hualapai Mts, DN Ranch Rd, 5000'	21-Jul-11		KMR
SATURNIIDAE				
Sphingicampa raspa mv lt	COCHISE: Ramsey Cyn, Huachuca Mts	17-Jul-11	21-Jul-11	VXA
Hemileuca hualapai larvae on Leptochloa dubia	Santa Cruz: 4.5 mi S Patagonia	02-Sep-11		JPB
SPHINGIDAE				
Sphinx vashti	APACHE: Rd 5034, Carrizo Mts	11-May-11		WDP
Smerinthus cerisyi	APACHE: Greer, White Mountains, 8300'	23-Jun-11		WDP
Smerinthus cerisyi	YAVAPAI: Mingus Mtn, FR 104, 7600'	22-Jul-11		KMR
NOTODONTIDAE				
Oligocentria perangulata at uv trap	YAVAPAI: Mingus Mtn, FR 104, 7600'	24-Jul-11		KMR
Hyparpax venus at uv trap	MOHAVE: Hualapai Mts, DN Ranch Rd, 5000'	21-Jul-11		KMR
Symmerista sauvis at uv trap	YAVAPAI: Mingus Mtn, FR 104, 7600'	22-Jul-11		KMR
NOCTUIDAE				
Metalectra cinctus mv lt	COCHISE: Ramsey Cyn, Huachuca Mts	17-Jul-11	21-Jul-11	VXA
Hemeroplanis historialis at uv trap	YAVAPAI: Mingus Mtn, W side, Rt 89A, 6900'	22-Jul-11		KMR
Zale insuda at uv trap	YAVAPAI: 4 mi E Walker Rd, 4.1 mi S Rt 69, 5700'	23-Jul-11		KMR
Zale termina at uv trap	YAVAPAI: 4 mi E Walker Rd, 4.1 mi S Rt 69, 5700'	23-Jul-11		KMR
Catocala violenta at uv trap	YAVAPAI: Mingus Mtn, W side, Rt 89A, 6900'	22-Jul-11		KMR
Tarachidia candefacta at uv trap	YAVAPAI: Mingus Mtn, W side, Rt 89A, 6900'	22-Jul-11		KMR
Therasea huachuca at uv trap	YAVAPAI: Mingus Mtn, W side, Rt 89A, 6900'	22-Jul-11		KMR
Acronicta grisea mv lt	COCHISE: Ramsey Cyn, Huachuca Mts	17-Jul-11	21-Jul-11	VXA
Miracavira brillians at uv trap	YAVAPAI: Mingus Mtn, FR 104, 7600'	24-Jul-11		KMR
Oslaria pura uv light	YAVAPAI CO.: 6 mi E Bagdad, 2790'	20-Aug-07		DW
Redingtonia alba uv light	COCONINO: 8 mi E Gray Mtn, 4220'	06-Sep-10		DW

Condica temecula at uv trap	YAVAPAI: 4 mi E Walker Rd, 4.1 mi S Rt 69, 5700'	23-Jul-11	KMR
Bryolymnia semifascia at uv trap	YAVAPAI: Mingus Mtn, W side, Rt 89A, 6900'	22-Jul-11	KMR
Apamea atosuffusa at u.v. trap	YAVAPAI: Mingus Mtn, FR 104, 7600'	24-Jul-11	KMR
Lithophane ponderosa to MV/BL, Dave Wikle & Chris Grinte	MARIPOSA: 6 mi ENE Oakhurst, 4560'	13-Jun-10	KMR
Neleucania bicolorata at uv trap	YAVAPAI: Mingus Mtn, W side, Rt 89A, 6900'	22-Jul-11	KMR
Euxoa tessellata mv lt	COCHISE: Ramsey Cyn, Huachuca Mts	17-Jul-11	21-Jul-11 VXA
Spaelotis clandestina at u.v. trap	YAVAPAI: Mingus Mtn, W side, Rt 89A, 6900'	22-Jul-11	KMR
Xestia bolteri at u.v. trap	YAVAPAI: Mingus Mtn, FR 104, 7600'	22-Jul-11	KMR
Xestia conchis at u.v. trap	YAVAPAI: Mingus Mtn, FR 104, 7600'	24-Jul-11	KMR
Abagrotis alampeta at u.v. trap	YAVAPAI: Mingus Mtn, FR 104, 7600'	22-Jul-11	KMR
Abagrotis bimarginalis at u.v. trap	YAVAPAI: Mingus Mtn, FR 104, 7600'	24-Jul-11	KMR
Abagrotis mirabilis at u.v. trap	YAVAPAI: Mingus Mtn, FR 104, 7600'	22-Jul-11	KMR
EREBIDAE			
Bruceia hubbardi at uv trap	YAVAPAI: 4 mi E Walker Rd, 4.1 mi S Rt 69, 5700'	23-Jul-11	KMR
Bruceia pulverina at uv trap	YAVAPAI: 4 mi E Walker Rd, 4.1 mi S Rt 69, 5700'	23-Jul-11	KMR
Lophocampa pura at uv trap	YAVAPAI: 4 mi E Walker Rd, 4.1 mi S Rt 69, 5700'	23-Jul-11	KMR

CALIFORNIA

2011 was an unusually wet year for most of the state and a deep snowpack in the Sierra Nevada delayed the season. However, most desert areas of the state were very dry and there were very few records of migrants from Arizona and Mexico. There were few new butterfly COUNTY records, but there were records for *Colias harfordii* that substantiated old reported ranges or confirmed range extensions. Kelly Richers compiled the moth section and there are many new COUNTY records for moths.

Butterflies

HESPERIIDAE

Epargyreus clarus californicus Larvae found on Lotus aboriginus, new host. Alan Barron assisted.	Del Norte: Mill Creek Purchase, Redwood Nat. & St. Parks	12-Aug-11	JFE
Thorybes diversus One collected, another seen...this locality right along county boundary.	Mariposa/Madera: Seep on Miami Rd. just off Hwy. 41	21-Jun-11	KD
Heliopetes ericetorum Six observed, this is a very rare species in this county.	Shasta: Old Station	02-Oct-11	RB2
Hesperia colorado Two observed, previously known from Santa Barbara Canyon.	Santa Barbara: Road to Big Pine Mtn.	02-Sep-11	NL
Polites sabuleti tecumseh Southern Range extension for Sierra Nevada, taken commonly near Kern County line.	Tulare: Meadow at Pine Flat, Kern Plateau	02-Jun-11	KD
Ochlodes sylvanoides Common, not rare as reported in the literature.	Santa Barbara: Santa Rosa Island, Water Canyon	04-Jul-11	NL

PAPILIONIDAE

Papilio crespontes Very abundant.	San Diego: Rincon citrus groves	03-Oct-11	MW
Papilio indra Photo. Very few records for this species in this National Park.	Tulare: Big Baldy 8211', Kings Canyon National Park	23-Jul-11	PGJ
Papilio indra pergamus Photo.	Los Angeles: Sunset Peak near Mt. Baldy	01-May-11	DH1
Papilio indra phyllisae Unusually low elevation and in July! Not previously seen at this location.	Tulare: Sherman Pass Rd. E of Kern River 4900'	02-Jun-11	KD
Papilio indra phyllisae Four individuals seen, two by Paul Levine. JFE saw others here in 2007.	Tulare: Pine Flat, Kern Plateau	02-Jun-11	KD
Papilio indra phyllisae Collected by Darin Andrade, ID confirmed by KD and several others.	Tulare: Sherman Pass Rd., Alder Creek below road crossing	03-Jul-11	KD
Papilio polyxenes coloro Last instar larva photographed in eastern Sierra Nevada	Tulare: Kennedy Meadows	15-Jun-01	JPB
Parnassius clodius Reported as subspecies sol.	Tuolumne: HWY 108 at Cascade Creek Elv 6000'	02-Jul-11	PMT

PIERIDAE

Colias behrii	Tuolumne: Thompson Cyn. near Hawks Beak Peak	06-Sep-98	KD
Photo and record by Doug Taron.			
Colias harfordii	Kern: Ravines off Kelso Valley Rd 1.5 mi. SE Sageland	11-Apr-11	21-Sep-11 KD
Collected in numbers several dates in Mojave Desert habitat in southern Sierra Nevada.			
Colias harfordii	SAN BENITO: Pinnacles National Monument	27-Jul-11	PGJ
Confirms this species ranges that far north in Coast Ranges. Old records were considered dubious.			
Colias harfordii	Monterey: Nacimiento & Fergusson Rds. 5.2 mi. E of Hwy. 1	29-Jul-11	JGP
Jon Kegley collected a very rare albinic female			
Colias harfordii	FRESNO: Coalinga Hot Springs Park	31-Jul-11	PGJ
Confirms some apparent sightings of this species on the Parkfield Grade Rd. by KD in this County.			
Zerene eurydice	Kern: Mt. Abel 8200'	24-Aug-11	KD
Very few localities in this county and apparent second brood rarely seen in the region.			
Phoebis agarithe	Riverside: Palm Desert-Living Desert	26-Oct-11	KD
Photo and record by Greg Dean. Very few specific records for the state.			
Phoebis philea	San Diego: San Diego	31-Aug-11	PS3
No photo or specimen and no other reports of sightings recently.			

LYCAENIDAE

Atlides halesus	San Diego: Plum Canyon, Anza Borrego State Park	26-Jan-11	KD
EARLY, photo and record by Frank Model.			
Satyrium semiluna maculadistinctum	Mono: Sonora Pass, St. Mary's Pass trailhead 9750'	07-Sep-11	JD1
LATE for state.			
Callophrys gryneus loki	Riverside: Cactus Spring Trail	15-Apr-11	DH1
Common, photo.			
Callophrys gryneus nelsoni	Tulare: 4 mi. W of Sherman Pass	11-Jul-11	KD
First records since 2002 forest fire at this locality.			
Callophrys mossii	Modoc: Warner Mts, HWY 299 at Cedar Pass	14-Jun-11	SOM
Appears to be ssp schryveri, taken in small water draw.			
Callophrys perplexa	San Diego: Otay Mtn. at mid level along access road	09-Feb-11	AG
Accompanied by MW & Koji Shiraiwa			
Callophrys perplexa	Tulare: Sherman Pass Rd at Heliport 4200' E of Kern River	30-May-11	JPB
Unusually LATE individual.			
Callophrys perplexa	Del Norte: Mill Creek Purchase, Redwood Nat. & St. Parks	20-Jun-11	KCH
Found commonly in association with Lupinus aboriginus, Alan Barron assisted.			
Callophrys perplexa	MODOC: Sweagert Flat, 8 mi. NE Adin	25-Jun-11	LLC
Determined by JFE			
Callophrys sheridanii comstocki	Inyo: Narrows area below Westgard Pass, White Mts.	24-May-11	KD
Two fresh individuals, unusually late.			
Callophrys spinetorum	San Luis Obispo: Shell Creek	12-Mar-11	PGJ
Very rare in the Coast Ranges and this County.			
Callophrys thornei	San Diego: Near Otay River, Otay Mesa, 8 mi. NW Otay Mtn.	15-Jul-10	MWK
Planted Tecate Cypress Grove, LATE, observed by Travis Cooper & Darin Busby.			
Callophrys thornei	San Diego: Otay Mtn.	26-Jan-11	MWK
EARLY			
Cupido amyntula nesiotis	Santa Barbara: Santa Rosa Island	04-Jul-11	NL
LATE			
Cupido comyntas sissona	Fresno: Kings River below Pine Flat Dam	28-Mar-11	KD
Common but very localized			
Glaucopsyche lygdamus	Del Norte: Mill Creek Purchase, Redwood Nat. & St. Parks	20-Jun-11	KCH
Found in association with Lupinus onustus with JFE & A. Baron.			
Plebejus podarce	Inyo: .5 Mi NW Ruby Lake	04-Sep-11	PGJ
Extends flight period for ssp. Cilla			

RIODINIDAE

Calephelis wrighti	San Diego: Plum Canyon near Scissors Crossing	06-Feb-11	AG
Apodemia mormo cythera	Santa Barbara: Big Pine Mtn.	02-Sep-11	NL
Significant westward range extension in the Coast Ranges.			

NYMPHALIDAE

Cercyonis sthenele behrii	Kern: Ravines off Kelso Valley Rd, 1.5 mi. SE Sageland	14-Sep-11	21-Sep-11 KD
Unusually heavy flight in Mojave Desert habitat in southern Sierra Nevada.			
Cercyonis sthenele behrii	Kern: E side of Piute Mts. 4 mi. W Sageland	21-Sep-11	KD
Collected a fresh female			
Oeneis chryxus stanislaus	Alpine: St. Mary's Pass summit 10,400'	07-Sep-11	JD1
LATE for this subspecies.			
Speyeria coronis hennei	Kern: Mt. Abel 8200'	24-Aug-11	KD
No published records from here, rare anywhere in recent years			
Speyeria hesperis	Shasta: Badger Flat, Lassen Volcanic N. P.	07-Aug-11	RB2
New for this National Park, photos.			

Chlosyne acastus neumoegei Seen.	Inyo: White Mts., Sabine Valley Rd.	11-May-11	WDP
Chlosyne acastus neumoegei Collected two vouchers.	Inyo: White Mts. E of Big Pine below Toll House site	12-May-11	WDP
Chlosyne hoffmanni LATE	Alpine: Clark Fork Meadow 8700'	06-Sep-11	JD1
Chlosyne whitneyi Fresh, apparently just starting its flight.	Mono: West and NW sides of Saddlebag Lake 10,100'	18-Aug-11	KD
Phyciodes orseis	Siskiyou: Hilt	20-May-11	RES
Phyciodes orseis herlani This subspecies is near "herlani"	Modoc: Sweagert Flat, 8 mi. NE Adin	25-Jun-11	LLC
Phyciodes pulchella Local but common when found. Subspecies deltarufa?	Fresno: Kings River below Pine Flat Dam	23-Apr-11	KD
Euphydryas editha Previously unreported locality.	San Luis Obispo: On sand at Los Osos	12-Mar-94	01-Apr-94 JGP
Euphydryas editha edithana Photos.	Shasta: Forest Rd. 16 near Hwy. 44	09-Jul-11	RB2
Euphydryas editha nubigena Photo. LATE date for species in the state.	Alpine: Clark Fork Meadow 8700'	06-Sep-11	JD1
Moths			
HEPIALIDAE			
Hepialus californicus at uv trap	SAN LUIS OBISPO: 7.2 mi E Morro Bay, Rt41, 965'	16-Apr-11	KMR
TISCHERIIDAE			
Tischeria consanguinea	MADERA: O'Neals, 1500'	04-Jul-11	VXA
ADELIDAE			
Adela punctiferella diurnal on Gilia	VENTURA: Lockwood Valley Rd area, 5000'	21-May-11	VXA
TINEIDAE			
Elatobia carbonella	MADERA: O'Neals, 1500'	15-Jun-11	VXA
GRACILLARIIDAE			
Cameraria wizlizeniella	MADERA: O'Neals, 1500'	01-May-11	07-May-11 VXA
ELACHISTIDAE			
Agonopterix sabulella uv trap	SAN LUIS OBISPO: Carrizo Plains NM	02-May-11	VXA
Ethmia timberlakei at uv trap	KERN: Mt Pinos Hwy, 6600'	22-Oct-11	KMR
GELECHIIDAE			
Coleotechnites mackiei	MADERA: O'Neals, 1500'	17-Jun-11	VXA
Scrobipalpula chiquitella uv trap	SAN LUIS OBISPO: Carrizo Plains NM	02-May-11	VXA
Keiferia lycopersicella uv trap	SAN LUIS OBISPO: Carrizo Plains NM	02-May-11	VXA
Chionodes trichostola uv trap	SAN LUIS OBISPO: Carrizo Plains NM	02-May-11	VXA
Aroga eriogonella uv trap	SAN LUIS OBISPO: Carrizo Plains NM	02-May-11	VXA
COSMOPTERIGIDAE			
Stagmatophora enchrysa uv It	SAN LUIS OBISPO: Carrizo Plains NM	02-May-11	VXA
Anoncia sphacelina emerged that date	SAN BENITO: Pinnacles NM	06-Jun-11	PGJ
Periploca ceanothiella	MADERA: O'Neals, 1500'	04-Jul-11	VXA
PLUTELLIDAE			
Ypsolopha barberella uv trap	SAN LUIS OBISPO: Carrizo Plains NM	02-May-11	VXA
Ypsolopha schwarziella uv trap	SAN LUIS OBISPO: Carrizo Plains NM	02-May-11	VXA
CRAMBIDAE			
Chrismania pictipennis diurnal, on flowers	VENTURA: Lockwood Valley Rd area, 5000'	02-May-11	VXA
Evergestis subterminalis	SIERRA: Rd 52, 1 mi NW Hwy 49	17-Jul-11	WDP
Loxostege immerens	VENTURA: Lockwood Valley Rd area, 5000'	02-May-11	VXA
Pyrausta lethalis Reported by Paul & Sandy Russell	SANTA BARBARA: Santa Barbara, 3770 Foothill Rd, 700'	27-Apr-11	KMR
Saucrobotys futilalis inconcinna	SOLANO: Stebbins Cold Cyn. Res	14-Jul-11	JAD

PYRALIDAE

Honora mellinella	SANTA BARBARA: Santa Barbara, 3770 Foothill Rd, 700'	28-Feb-11	KMR
Reported by Paul & Sandy Russell			
Homoeosoma striatellum	SAN LUIS OBISPO: Carrizo Plains NM	02-May-11	VXA

PTEROPHORIDAE

Trichoptilus pygmaeus	MADERA: Fresno Dome, 7500'	24-Jul-11	VXA
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COSSIDAE

Givira marga	MADERA: O'Neals, 1500'	04-Jul-11	VXA
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TORTRICIDAE

Hedya ochroleucana	SAN BENITO: Pinnacles NM	20-Jun-11	PGJ
Petrova sabiniana	MADERA: O'Neals, 1500'	10-Jun-11	VXA
Eucosma juncticiliana	SAN BENITO: Pinnacles NM	20-Jun-11	PGJ
Eucosma langstoni	SAN BENITO: Pinnacles NM	20-Jun-11	PGJ
Epiblema sosana	SAN LUIS OBISPO: Carrizo Plains NM	02-May-11	VXA
uv trap			
Epinotia hopkinsana	SANTA BARBARA: Los Olivos, Figueroa Mt Rd, 1200'	16-Apr-11	VXA
uv trap			
Grapholita conversana	VENTURA: Lockwood Valley Rd area, 5000'	02-May-11	VXA
diurnal, flushed			
Anopina triangulana	MADERA: O'Neals, 1500'	17-Jun-11	VXA

GEOMETRIDAE

Digrammia neptaria	MARIPOSA: Wawona, Chowchilla Mts	09-Jul-11	VXA
Digrammia ubiquitata	SISKIYOU: 3 mi S McCloud	15-Jun-11	WDP
Semiothisa napensis	SANTA BARBARA: Santa Barbara, 3770 Foothill Rd, 700'	15-Apr-11	KMR
Reported by Paul & Sandy Russell			
Glauцина macdunnoughi	SAN LUIS OBISPO: Carrizo Plains NM	02-May-11	VXA
Anacamptodes clivinaria	MADERA: O'Neals, 1500'	20-Apr-11	VXA
Pero mizon	TEHAMA: Corning, Sacramento R 1 mi S Woodson Br	08-Oct-11	KMR
Reorted by Brad Martin			
Sabulodes edwardsata	SAN BENITO: Pinnacles NM	05-May-11	PGJ
Nemoria obliqua	MARIPOSA: Wawona, Chowchilla Mts	09-Jul-11	VXA
Hydriomena renunciata	SISKIYOU: 3 mi S McCloud	16-Jun-11	WDP
Hydriomena septemnerata	SANTA BARBARA: Los Olivos, Figueroa Mt Rd, 1200'	09-Feb-11	VXA
Hydriomena sierrae	SISKIYOU: 3 mi S McCloud	24-Jun-11	WDP
Perizoma oxygramma	SISKIYOU: 3 mi S McCloud	15-Jun-11	WDP
Stamnodes coenonymphata	MARIN: Inverness	11-Oct-11	WDP
Stamnodes marinata	SAN LUIS OBISPO: 7.2 mi E Morro Bay, Rt41, 965'	29-Dec-11	KMR
Epirrhoe alternata	SIERRA: SFSU Field Station, 1 mi E Bassets	15-Jul-11	WDP
Eupithecia graefii	SOLANO: Stebbins Cold Cyn. Res	25-Aug-11	JAD
Eupithecia lafontaineata	SISKIYOU: 3 mi S McCloud	21-Jun-11	WDP
Eupithecia multistrigata	FRESNO: Potter Pass, 9000'	30-Jul-11	VXA
Eupithecia nevadata	SISKIYOU: 3 mi S McCloud	14-Jun-11	WDP
Eupithecia sierrae	SIERRA: SFSU Field Station, 1 mi E Bassets	15-Jul-11	WDP
Eupithecia zelmira	SANTA BARBARA: Los Olivos, Figueroa Mt Rd, 1200'	09-Feb-11	VXA

LASIOCAMPIDAE

Phyllodesma coturnix	SANTA BARBARA: Los Olivos, Figueroa Mt Rd, 1200'	09-Feb-11	VXA
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SPHINGIDAE

Proserpinus clarkiae	SHASTA: Battle Cr, 12 mi SE McCloud	15-Jun-11	WDP
Euproserpinus phaeton	MONTEREY: Vineyard Cyn Rd	20-Mar-11	PGJ

NOCTUIDAE

Hemeroplanis secundalis	MADERA: O'Neals, 1500'	17-Jun-11	VXA
Scoliopteryx libatrix	MARIPOSA: Wawona, Chowchilla Mts	02-Jul-11	VXA
Zale termina	YOLO: Davis	08-Aug-11	JAD
Pseudoplusia includens	SACRAMENTO: Sacramento	27-Aug-11	WDP
Lithacodia albidula	SISKIYOU: 3 mi S McCloud	20-Jun-11	WDP
Raphia pallula	SAN LUIS OBISPO: 7.2 mi E Morro Bay, Rt41, 965'	16-Apr-11	KMR
Sympistis corusca	SANTA BARBARA: Santa Barbara, 3770 Foothill Rd, 700'	26-Apr-11	KMR
Reported by Paul & Sandy Russell			
Sympistis corusca	SISKIYOU: 3 mi S McCloud	19-Jun-11	WDP
Sympistis sandaraca	KERN: Mt Pinos Hwy, 6600'	22-Oct-11	KMR
Sympistis picina	MADERA: O'Neals, 1500'	12-Feb-11	VXA
Nocloa pallens	SAN LUIS OBISPO: Carrizo Plains NM	02-May-11	VXA
Heliathodes diminutivus	SAN BENITO: Pinnacles NM	22-May-11	PGJ
Heliolonche joaquinensis	VENTURA: nr Stauffer	08-May-11	PGJ
Enargia infumata	MONO: Upper Pine Grove CG, Rock Cr	08-Sep-11	WDP
Alastria chico	YOLO: Davis	02-Jul-11	JAD

<i>Properigea perolivalis</i>	MADERA: O'Neals, 1500'	26-May-11	VXA
<i>Oligia rampartensis</i>	MADERA: O'Neals, 1500'	12-Jun-11	VXA
<i>Oligia violacea</i>	MADERA: O'Neals, 1500'	17-Jun-11	VXA
<i>Lithophane atara</i>	INYO: Westgard Pass Rd, 10 mi NE Blg Pine	11-May-11	WDP
<i>Lithophane dilatocula</i>	KERN: Mt Pinos Hwy, 7500'	22-Oct-11	KMR
<i>Lithophane longior</i>	INYO: Westgard Pass Rd, 10 mi NE Blg Pine	11-May-11	WDP
<i>Ufeus satyricus sagittarius</i>	KERN: Mt Pinos Hwy, 7500'	22-Oct-11	KMR
<i>Orthosia mys</i>	SAN LUIS OBISPO: Montana de Oro SP, 310'	14-Jan-11	KMR
<i>Orthosia pacifica</i>	KERN: 0.5 mi W Caliente, 1450'	04-Mar-11	KMR
<i>Orthosia praeses</i>	KERN: Mt Pinos Hwy, 7500'	22-Oct-11	KMR
<i>Egira februalis</i>	SANTA BARBARA: Los Olivos, Figueroa Mt Rd, 1200'	09-Feb-11	VXA
<i>Admetovis oxymorus</i>	MADERA: O'Neals, 1500'	10-May-11	VXA
<i>Trichordestra liquida meodana</i>	SISKIYOU: 3 mi S McCloud	19-Jun-11	WDP
<i>Euxoa murdocki</i>	KERN: Mt Pinos Hwy, 7500'	22-Oct-11	KMR
<i>Noctua pronuba</i>	TEHAMA: Corning, Sacramento R 1 mi S Woodson Br	08-Oct-11	KMR
Reorted by Brad Martin			
<i>Abagrotis discoidalis</i>	SAN LUIS OBISPO: Carrizo Plains NM	02-May-11	VXA
<i>Abagrotis orbis</i>	SIERRA: Rd 52, 1 mi NW Hwy 49	17-Jul-11	WDP
EREBIDAE			
<i>Kodiosoma fulva</i>	VENTURA: Lockwood Valley Rd area, 5000'	21-May-11	VXA
NOLIDAE			
<i>Meganola fuscula</i>	MADERA: O'Neals, 1500'	05-Apr-11	VXA
COCHYLIDAE			
<i>Hysterosia carmelana</i> flushed	SANTA BARBARA: Los Olivos, Figueroa Mt Rd, 1200'	09-Feb-11	VXA

NEVADA

Mark Walker and others reported finding good flights of *Callophrys sheridanii comstocki* and *Callophrys fotis* in the desert ranges near Las Vegas in the spring...an area well known for those species. The only other detailed and substantiated report for butterflies received was from Ken Kertell and since those are from less well known areas, many of those records are reported here.

Butterflies

HESPERIIDAE

Pyrgus scriptura apertorum Clark: Spring Mts, N side Cottonwood Pass 3 mi S SR 160 01-Apr-11 KK

LYCAENIDAE

Satyrium behrii White Pine: Snake Range, Great Basin N. P. 04-Aug-11 KK

Photos

Satyrium californicum obscurafacies White Pine: Snake Range, Great Basin N. P. 04-Aug-11 KK

Photos.

Satyrium sylvinus putnami White Pine: Snake Range, Strawberry Creek 05-Aug-11 KK

Satyrium titus immaculosus White Pine: Snake Range, Great Basin N. P. 04-Aug-11 KK

Photos

Euphilotes spaldingi White Pine: Snake Range, Baker Crk., Great Basin N. P. 04-Aug-11 KK

Photos.

Plebejus lupini goodpasturei White Pine: Schell Creek Range, East Creek 09-Jul-11 KK

Plebejus saepiolus maculosus White Pine: Snake Range, Snake Crk., Great Basin N. P. 10-Jul-11 KK

Photos.

Plebejus shasta pallidissima White Pine: Snake Range, Stella Lake, Great Basin N. P. 03-Aug-11 KK

Few flying, high elevation butterflies delayed, photos.

NYMPHALIDAE

Cercyonis pegala pluvialis White Pine: White River Valley, SR 318, 2 mi. N Nye Co. line 01-Aug-11 KK

Speyeria callippe harmonia White Pine: Schell Creek Range, East Creek 05-Jul-11 KK

Speyeria egleis reidi White Pine: Schell Creek Range, East Creek 05-Jul-11 KK

Speyeria egleis reidi White Pine: Snake Range, Baker Crk., Great Basin N. P. 06-Jul-11 KK

Photos.

Speyeria zerene platina White Pine: Schell Creek Range, East Creek 02-Aug-11 KK

Speyeria zerene platina White Pine: Snake Range nr. Stella Lake, Great Basin N. P. 03-Aug-11 KK

Photos.

Moths

EREBIDAE

Euchaetes elegans

NYE: Specie Spring, 4440'

12-May-11

KMR

uv light, reported by Dave Wikle & Chris Grinter

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

Coordinator: Charles E. Harp

Contributors Cited:

VXA : Valeriu Albu

BKB : Barbara K. Bartell

DEB : Donald E. Bowman

B/B : Steve Bransky & Ed Ballard

SJC : Steven J. Cary

JPC : Janet Chu

MSF : Michael S. Fisher

MG2 : Matthew Garhart

SG1 : Stephan Goldstein

CEH : Charles E. Harp

H/H : Chuck Harp & Chris Harp

H-H : Chuck Harp & Cindy Harp

SAJ : Samuel A. Johnson

SJK : Steven J. Kohler

GOK : George O. Krizek

RAM : Robert A. Martin

JJM : Jason J. Martineau

GLM : Gene & Lynn Monroe

PAO : Paul A. Opler

PT1 : Paul Thompson

EHW : Ernest Williams

General Comments:

There were 31 contributors to the 2011 Summary, coming from 22 listed contributors and an additional 14 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 920 new county moth records. It was a season that was marked by drought conditions in much of the southern parts of the Zone and a season that was pushed later in the northern parts of the Zone. Heavy snowfall in the southern Rockies provided needed water in mountain reservoirs and created conditions that led to a later and protracted season.

COLORADO

Mike Fisher reported a very dry winter with little substantial snow in eastern Colorado that led to severe drought in the southeastern counties. This was followed by a cool Spring and some snow and rain along the Front Range. Heavy mountain snows in early spring above 10,000 feet caused the season to be very late and a poor flight season for many butterflies. The snowmelt that continued through early summer provided good conditions for moth collecting at elevations from 8,000 to 12,000 feet. Surveys for Noctuid moths were made on many of Colorado's higher mountain passes, providing several new records from the region.

Eighteen contributors provided records from the 2011 season, including additional photographic and vouchered specimen data from 2 observers. Barbara Bartell continued her detailed survey of sampling moths from her home in Gilpin County.

Two new county records for butterflies were reported and 622 new county records for moths were given. Among the records was a report of *Tyta luctuosa*, a small Noctuid moth introduced as a biological control for field bindweed.

Butterflies

HESPERIIDAE

<i>Hesperopsis alpheus</i>	Custer: 14 mi. W of Wetmore FR 386	04-Jul-10	B/B
<i>Erynnis martialis</i>	Las Animas: Pergatoire Rd N of Stonewall FR34	05-Jul-10	B/B
<i>Erynnis telemachus</i>	Custer: 14 mi. W of Wetmore FR 386	04-Jul-10	B/B
<i>Pyrgus centaureae</i>	Gunnison: W of Buena Vista 1.4 mi w Cottonwood Pass SR 306 along alpine trails, 1pm, 11800' elev., Collegiate Peaks Wilderness, 38°50.62'N;-106°24.93'W	22-Jul-11	CEH
<i>Piruna pirus</i>	Custer: 14 mi. W of Wetmore FR 386	04-Jul-10	B/B
<i>Polites draco</i>	Las Animas: Pergatoire Rd N of Stonewall FR34	05-Jul-10	B/B
<i>Atrytone arogos</i>	Boulder: nr. Boulder, North Point, Heil Valley Open Space, observation for Boulder County Open Space surveys	29-Jul-11	JPC
<i>Paratrytone snowi</i>	Custer: 14 mi. W of Wetmore FR 386	04-Jul-10	B/B
<i>Atrytonopsis hianna</i>	Boulder: Boulder Geer Watershed Heil Valley Open Space Over several years of conducting surveys on Boulder County, 2011 was the best year for this species with 11 sighted	27-May-11	JPC
<i>Atrytonopsis hianna</i>	Boulder: nr. Boulder, North Point, Heil Valley Open Space, observation for Boulder County Open Space surveys	31-May-11	JPC
<i>Atrytonopsis hianna</i>	Boulder: Boulder, Rabbit Mountain Open Space, observation for Boulder County Open Space surveys	31-May-11	JPC

PAPILIONIDAE

<i>Battus philenor</i>	Huerfano: Cuchara Pass Ranch, nr. Cuchara Pass, vic. SR 12, taken at 10000' elev., T31S R69W, sec 24,	03-Jul-09	SG1
<i>Papilio machaon bairdii</i>	Custer: 14 mi. W of Wetmore FR 386	04-Jul-10	B/B
<i>Papilio zelicaon</i>	Chaffee: Cottonwood Pass	23-Jul-11	MG2
<i>Parnassius smintheus</i>	Larimer: Rocky Mtn NP Alpine Visitor Ctr 11,796' elv observation	27-Aug-10	GOK
<i>Parnassius smintheus sayii</i>	Las Animas: Donald Park, taken at 11100' elev., T31S R68W, sec 19,	05-Jul-11	SG1

<i>Parnassius smintheus sayii</i>	Summit: 1 mi due NE. of Boreas Pass, 11900' elev.,	03-Oct-11	PT1
PIERIDAE			
<i>Colias alexandra</i> albino female taken	Hinsdale: SR 149 at Ramboulet Creek, at 10400' elev.,	28-Jul-11	MSF
<i>Colias meadii</i> observation	Larimer: Rocky Mtn NP Alpine Visitor Ctr 11,796' elv	27-Aug-10	GOK
<i>Colias philodice eriphyle</i>	Custer: 14 mi. W of Wetmore FR 386	04-Jul-10	B/B
<i>Colias philodice eriphyle</i> first generation	Park: South Park, Beaver Creek N. of Fairplay,	12-Jun-11	24-Jun-11 MSF
<i>Colias philodice eriphyle</i> second generation	Park: South Park, Beaver Creek N. of Fairplay,	12-Aug-11	MSF
LYCAENIDAE			
<i>Lycaena helloides</i> on rabbitbrush blooms	Boulder: 6 mi. NW of Lyons, at 6500' elev.,	24-Oct-11	GLM
<i>Satyrium behrii</i>	Custer: 14 mi. W of Wetmore FR 386	04-Jul-10	B/B
<i>Callophrys mossii schryveri</i> observation for Boulder County Open Space surveys	Boulder: nr Boulder Plumely Canyon Heil Valley Open Space	17-Apr-11	JPC
<i>Callophrys polios</i> Vouchered by Michael Young	El Paso: 1 mi S of Hwy105 along Roller Coaster Rd 7400' elv	09-May-11	CEH
<i>Celastrina humulus</i> observation for Boulder County Open Space surveys	Boulder: nr Boulder Plumely Canyon Heil Valley Open Space	16-Jun-11	JPC
<i>Plebejus lupini lutzi</i> Vouchered by Michael Young	Archuleta: 1 mi. S of Hwy. 160 on Fossett Gulch Rd 8500' elv	24-Sep-11	CEH
<i>Plebejus saepiolus whitmeri</i>	Summit: 0.25 mi NNE. of Boreas Pass, 11500' elev.,	03-Oct-11	PT1
RIODINIDAE			
<i>Apodemia nais</i>	Custer: 14 mi. W of Wetmore FR 386	04-Jul-10	B/B
NYMPHALIDAE			
<i>Danaus gilippus</i> observation	LARIMER: Rocky Mtn NP Alpine Visitor Ctr 11,796' elv	27-Aug-10	GOK
<i>Danaus gilippus</i>	Larimer: Loveland,	25-Jul-11	PAO
<i>Cercyonis pegala olympus</i>	Huerfano: S. Fork Baker Creek Rd & rt 12 S. of Cuchara	10-Jul-10	B/B
<i>Erebia callias</i>	Gunnison: Cottonwood Pass	23-Jul-11	MG2
<i>Erebia epipsodea</i>	Gunnison: Cottonwood Pass	23-Jul-11	MG2
<i>Erebia epipsodea brucei</i>	Las Animas: Pergatoire Rd N of Stonewall FR34	05-Jul-10	B/B
<i>Erebia magdalena</i> taken at 12300' elev., T31S R70W, sec 36,	Huerfano: eastern flank of Trinchera Peak, along FR 436,	05-Jul-09	SG1
<i>Erebia pawlowskii ethela</i> Vouchered by Michael Young	Boulder: above Blue Lake,	07-Aug-11	CEH
<i>Neominois ridingsii stretchii</i>	Montrose: Hwy 50, 1 mile West of Cimarron	10-Jul-11	MG2
<i>Oeneis bore taygete</i> Quite common at mountain summit	Chaffee: Cottonwood Pass	23-Jul-11	MG2
<i>Oeneis chryxus</i>	Custer: 14 mi. W of Wetmore FR 386	04-Jul-10	B/B
<i>Oeneis chryxus</i>	Las Animas: Pergatoire Rd N of Stonewall FR34	05-Jul-10	B/B
<i>Oeneis chryxus</i>	Huerfano: S. Fork Baker Creek Rd & Rt 12 S. of Cuchara	10-Jul-10	B/B
<i>Oeneis chryxus</i> along alpine trails, 1pm, 11800' elev., Collegiate Peaks Wilderness, 38°50.62'N;-106°24.93'W	Gunnison: W of Buena Vista 1.4 mi w Cottonwood Pass SR 306	22-Jul-11	CEH
<i>Oeneis chryxus</i>	Chaffee: Cottonwood Pass	23-Jul-11	MG2
<i>Oeneis chryxus altacordillera</i> Same locality as <i>Oeneis chryxus</i> taken in 2010,	Park: South Park, Beaver Creek N. of Fairplay,	24-Jun-11	MSF
<i>Oeneis melissa</i>	Chaffee: Cottonwood Pass	23-Jul-11	MG2
<i>Speyeria aphrodite ethne</i>	Custer: 14 mi. W of Wetmore FR 386	04-Jul-10	B/B
<i>Speyeria aphrodite ethne</i>	Las Animas: Pergatoire Rd N of Stonewall FR34	05-Jul-10	B/B
<i>Speyeria coronis halcyone</i>	Custer: 14 mi. W of Wetmore FR 386	04-Jul-10	B/B
<i>Speyeria edwardsii</i>	Las Animas: Pergatoire Rd N of Stonewall FR34	05-Jul-10	B/B
<i>Speyeria edwardsii</i>	Huerfano: S. Fork Baker Creek Rd & rt 12 S. of Cuchara	10-Jul-10	B/B
<i>Vanessa annabella</i>	Boulder: 6 mi. NW of Lyons, at 6500' elev.,	24-Oct-11	GLM
<i>Nymphalis californica</i>	Custer: 14 mi. W of Wetmore FR 386	04-Jul-10	B/B
<i>Polygonia gracilis zephyrus</i>	Custer: 14 mi. W of Wetmore FR 386	04-Jul-10	B/B
<i>Polygonia gracilis zephyrus</i>	Las Animas: Pergatoire Rd N of Stonewall FR34	05-Jul-10	B/B
<i>Polygonia satyrus</i>	Las Animas: Pergatoire Rd N of Stonewall FR34	05-Jul-10	B/B
<i>Junonia coenia</i> taken at 11100' elev., T31S R68W, sec 19,	Las Animas: Donald Park,	05-Jul-10	SG1
<i>Chlosyne fulvia</i> taken by Amy Chu	BOULDER: Louisville SE Buffer Open Space W of McCaslin Blvd	21-Jul-11	JPC

Moths

HEPIALIDAE

Gazoryctra pulcher Eagle: 1 mi. N. of Eagle, Eby Creek Road, 09-Sep-11 CEH
taken at uv light trap, sage/rabbitbrush/juniper, 6745' elev., 39°40.09'N;-106°49.92'W

OECOPHORIDAE

Agonopteryx alstroemariana LINCOLN: Brett Gray Ranch, 22-Jul-11 SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W

ELACHISTIDAE

Depressariodes gracilis YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River 04-Aug-10 SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W

Ethmia monticola fuscipedula LINCOLN: Brett Gray Ranch, 22-Jul-11 SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W

CRAMBIDAE

Chrysoteuchia topiaria LINCOLN: Brett Gray Ranch, 22-Jul-11 SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W

Desmia funeralis LINCOLN: Brett Gray Ranch, 22-Jul-11 SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W

Diastictis fracturalis YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River 04-Aug-10 SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W

Diathrausta harlequinialis LINCOLN: Brett Gray Ranch, 22-Jul-11 SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W

Donacaula melinella LINCOLN: Brett Gray Ranch, 22-Jul-11 SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W

Hahncappsia coloradensis YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River 04-Aug-10 SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W

Hahncappsia pergivalis YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River 04-Aug-10 SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W

Hahncappsia pergivalis LINCOLN: Brett Gray Ranch, 22-Jul-11 SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W

Loxostege ceralis YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River 04-Aug-10 SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W

Nephrogramma reniculalis LINCOLN: Brett Gray Ranch, 22-Jul-11 SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W

Nomophila nearctica YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River 04-Aug-10 SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W

Ostrinia penitalis YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River 04-Aug-10 SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W

Pyrausta laticlavata YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River 04-Aug-10 SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W

Pyrausta lethalis YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River 04-Aug-10 SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W

Pyrausta subsequalis YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River 04-Aug-10 SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W

Pyrausta subsequalis LINCOLN: Brett Gray Ranch, 22-Jul-11 SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W

Stegia salutaris LINCOLN: Brett Gray Ranch, 22-Jul-11 SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W

Thaumatopsis crenulatella YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River 04-Aug-10 SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W

Thaumatopsis crenulatella LINCOLN: Brett Gray Ranch, 22-Jul-11 SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W

Thaumatopsis pexella LINCOLN: Brett Gray Ranch, 22-Jul-11 SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W

Urola nivalis YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River 04-Aug-10 SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W

Vaxi auratella LINCOLN: Brett Gray Ranch, 22-Jul-11 SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W

PYRALIDAE

Hypsopygia olinalis YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River 04-Aug-10 SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W

Hypsopygia olinalis LINCOLN: Brett Gray Ranch, 22-Jul-11 SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W

Sciota fernaldi YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River 04-Aug-10 SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W

Sciota fernaldi LINCOLN: Brett Gray Ranch, 22-Jul-11 SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W

Macalla zelleri	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W				
Myelopsis minutularia	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				
Honora subsciurella	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W				
SESIIDAE				
Albuna pyramidalis	GUNNISON: W of Buena Vista 1.4 mi w Cottonwood Pass SR 306	22-Jul-11		CEH
along alpine trails, 1pm, 11800' elev., Collegiate Peaks Wilderness, 38°50.62'N;-106°24.93'W				
COSSIDAE				
Acosuss undosus	GUNNISON: Gunnison, Hwy. 50 at CR 13,	22-Jul-11		CEH
pine/juniper/sage, taken at gas station lights, 7700' elev., Gunnison NF, 38°32.72'N;-106°55.92'W				
TORTRICIDAE				
Eucosma bobana	Alamosa: Mosca, Hwy. 17	25-Jun-11		VXA
resting at day under MV light,				
Eucosma hyponomeutana	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W				
Eucosma pulveratana	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W				
Pelochrista scintillana	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				
Epinotia albangulana	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W				
Hystriophora vestaliana	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W				
Hystriophora vestaliana	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				
EPIPLEMIDAE				
Callizzia amorata	CUSTER: 5 mi. N of Lake Isabel, San Isabel NF,	24-Jun-11		CEH
BAMONA website juried photo, contributor unknown				
GEOMETRIDAE				
Protitame virginalis	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				
Macaria amboflava	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W				
Macaria amboflava	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				
Digrammia californiaria	CUSTER: 8.5 mi. E of Westcliffe, roadside along Hwy. 96,	21-Jul-10	22-Jul-10	CEH
taken at uv trap, 9062' elev., dry pine forest border,				
Digrammia californiaria	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W				
Digrammia californiaria	JEFFERSON: Deer Creek Canyon, SW of Littleton, w. of Hogback	05-May-11	06-May-11	CEH
riparian area along Deer Creek Canyon, 5930' elev., poplars/willow/gambel's oak, 39°33.07'N, -105°08.36'W				
Digrammia californiaria	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				
Digrammia cinereola	FREMONT: 4 mi. S. of Coaldale, CR #6, San Isabel NF,	11-Aug-10		CEH
pinyon-oak forest along Hayden Crk., 7487' elev., uv trap				
Digrammia cinereola	JEFFERSON: Deer Creek Canyon, SW of Littleton, w. of Hogback	27-May-11	28-May-11	CEH
riparian area along Deer Creek Canyon, 5930' elev., poplars/willow/gambel's oak, 39°33.07'N, -105°08.36'W				
Digrammia colorata	EAGLE: 2.5 mi. N. of Eagle, Eby Creek Road,	19-Jun-10		CEH
taken off roadside, uv trap, pinyon/juniper/sage, 7083' elev., 39°41.34'N;-106°49.99'W				
Digrammia curvata	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				
Digrammia delectata	EAGLE: 2.5 mi. N. of Eagle, Eby Creek Road,	19-Jun-10		CEH
taken off roadside, uv trap, pinyon/juniper/sage, 7083' elev., 39°41.34'N;-106°49.99'W				
Digrammia excurvata	JEFFERSON: Deer Creek Canyon, SW of Littleton, w. of Hogback	05-May-11	06-May-11	CEH
riparian area along Deer Creek Canyon, 5930' elev., poplars/willow/gambel's oak, 39°33.07'N, -105°08.36'W				
Digrammia muscariata	EAGLE: 2.5 mi. N. of Eagle, Eby Creek Road,	19-Jun-10		CEH
taken off roadside, uv trap, pinyon/juniper/sage, 7083' elev., 39°41.34'N;-106°49.99'W				
Digrammia muscariata	FREMONT: 4 mi. S. of Coaldale, CR #6, San Isabel NF,	11-Aug-10		CEH
pinyon-oak forest along Hayden Crk., 7487' elev., uv trap				
Digrammia neptaria	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W				
Digrammia neptaria	JEFFERSON: Deer Creek Canyon, SW of Littleton, w. of Hogback	27-May-11	28-May-11	CEH
riparian area along Deer Creek Canyon, 5930' elev., poplars/willow/gambel's oak, 39°33.07'N, -105°08.36'W				
Digrammia neptaria	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				

Digrammia nubiculata	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W				
Digrammia nubiculata	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				
Digrammia ocellinata	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				
Digrammia subminiata	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W				
Digrammia subminiata	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				
Semiothisa denticulata	EAGLE: 2.5 mi. N. of Eagle, Eby Creek Road,	19-Jun-10		CEH
taken off roadside, uv trap, pinyon/juniper/sage, 7083' elev., 39°41.34'N;-106°49.99'W				
Hesperumia sulphuraria	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				
Stenoporpia anellula	EAGLE: 2.5 mi. N. of Eagle, Eby Creek Road,	19-Jun-10		CEH
taken off roadside, uv trap, pinyon/juniper/sage, 7083' elev., 39°41.34'N;-106°49.99'W				
Stenoporpia dissonaria	HUERFANO: Walsenburg, w. of Hwy160 CO St Vet Hospital	30-May-10		CEH
taken at uv/mv lights, pinyon/oak/juniper assoc., 6454' elev., 37°36.03'N;-104°49.92'W				
Stenoporpia macdunnoughi	FREMONT: .5 mi SE of Swissvale S Hwy50 off FR 5974 mkr228	27-Aug-10		CEH
taken at uv light trap, 9pm- 12am, pinyon/juniper/oak assoc., 38°28.446'N;-105°53.178'W				
Stenoporpia vernata	JEFFERSON: Tintytown S Turkey Crk Rd across from train park	25-Jun-10		CEH
taken at mv/uv trap, 6870' elev., 9-11:30pm				
Glauцина infumataria	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W				
Anavitrinelia pampinaria	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W				
Anavitrinelia pampinaria	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				
Biston betularia cognataria	Jefferson: Pine Junction, off Hwy. #285 on Mt. Evans road	29-May-11		CEH
at post office mv lights, 8455' elev., 39°27'59"N;105°23'41"W				
Biston betularia cognataria	Jefferson: Conifer, along Hwy. 285 at mv street lights	02-Jun-11		CEH
taken at store lights, 8310' elev., 39°31'10"N;105°18'22"W				
Drepanulatrix bifilata	JEFFERSON: Deer Creek Canyon, SW of Littleton, w. of Hogback	05-May-11	06-May-11	CEH
riparian area along Deer Creek Canyon, 5930' elev., poplars/willow/gambel's oak, 39°33.07'N, -105°08.36'W				
Euchlaena tigrinaria	GUNNISON: FR 712, 8 miles E. Crawford	25-Jun-11		MG2
Pero behrensaria	Park : 1 mi. N. of Kenosha Pass, Hwy285 mkr204 Pike NF	06-Jul-11	18-Jul-10	CEH
taken at uv trap, 9959' elev., wet open meadow, 39°25.15'N;-105°45.88'W				
Pero behrensaria	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				
Nacophora mexicanaria	Park : Crow Hill, along Hwy. 285, gas station lights	04-Jun-11		CEH
taken at uv & mv lights, 8374' elev., 39°23.178'N;-105°28.28'W				
Nacophora mexicanaria	Jefferson: Pine Junction, off Hwy. #285 on Mt. Evans road	07-Jul-11		CEH
at post office mv lights, 8455' elev., 39°27'59"N;105°23'41"W				
Nacophora perfidaria	ALAMOSA: Mosca, Hwy. 17	25-Jun-11		VXA
resting at day under MV light,				
Ennomos magnaria	EAGLE: 5 mi. E of Eagle, Hwy #6 roadside at mkr. #155	26-Sep-11		CEH
pine/rabbitbrush/sage assoc., taken at uv/mv trap, 6785' elev., 39°41.33'N;-106°44.88'W				
Metanema inatomaria	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W				
Metanema inatomaria	Jefferson: Deer Creek Canyon, SW of Littleton, w. of Hogback	05-May-11	06-May-11	CEH
riparian area along Deer Creek Canyon, 5930' elev., poplars/willow/gambel's oak, 39°33.07'N, -105°08.36'W				
Metanema inatomaria	Park : 1 mi. N. of Kenosha Pass, Hwy285 mkr204 Pike NF	06-Jul-11	18-Jul-10	CEH
taken at uv trap, 9959' elev., wet open meadow, 39°25.15'N;-105°45.88'W				
Metanema inatomaria	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				
Neoterpes trianguliferata	Park: 1.5 mi. S of Grant, Hwy. #285 mkr. 210,	03-Jul-11		CEH
taken at uv trap, 9300' elev., aspen/pine habitat, 39°27.59'N;-105°41.847'W				
Caripeta aequaliaria	Park : downtown Bailey, Hwy. #285/ Post Office lights	15-Jun-11		H/H
taken at uv & mv lights, 7950' elev., 39°24.38'N;-105°28.67'W				
Caripeta aequaliaria	Jefferson: Pine Junction, off Hwy. #285 on Mt. Evans road	07-Jul-11		CEH
at post office mv lights, 8455' elev., 39°27'59"N;105°23'41"W				
Caripeta hilumaria	CUSTER: 1 mi. N. of Lake Isabel, Hwy. 165 beside mkr. 18,	09-Jul-11		CEH
San Isabel NF, Wet Mtns., taken at mv, 8732' elev., pine/fir assoc., 39°59.463'N;-105°03.32'W				
Destutia excelsa	JEFFERSON: Deer Creek Canyon, SW of Littleton, w. of Hogback	05-May-11	06-May-11	CEH
riparian area along Deer Creek Canyon, 5930' elev., poplars/willow/gambel's oak, 39°33.07'N, -105°08.36'W				
Euaspilates spinataria	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				

<i>Synaxis cervinaria</i>	FREMONT: Cotopaxi, along Hwy 50, Arkansas River Canyon	30-May-10		CEH
taken at store mv lights, 6364' elev., 3:30am, 38°22.24'N;-105°41.33'W+N80				
<i>Synaxis formosa</i>	RIO BLANCO: 24 mi N of Rifle 1.8 mi W of Hwy13 along CR #5	25-Sep-11		CEH
juniper/sage/oak assoc., at mv/uv trap at roadside switchback, 7500' elev., 39°49.67'N;-107°58.62'W				
<i>Synaxis formosa</i>	Garfield: 10 mi N. of Rifle, Hwy #13 roadside at mkr. #10	26-Sep-11		CEH
rabbitbrush/Atripex/sage assoc., 6500' elev., 39°38.48'N;-107°52.02'W				
<i>Synaxis formosa</i>	EAGLE: 5 mi. E of Eagle, Hwy #6 roadside at mkr. #155	26-Sep-11		CEH
pine/rabbitbrush/sage assoc., taken at uv/mv trap, 6785' elev., 39°41.33'N;-106°44.88'W				
<i>Prochoerodes forficaria</i>	EAGLE: 2.5 mi. N. of Eagle, Eby Creek Road,	19-Jun-10		CEH
riparian roadside, uv/mv trap, Populus/juniper/sage, 7070' elev., 39°41.34'N;-106°49.97'W				
<i>Prochoerodes forficaria</i>	PARK : downtown Bailey, Hwy. #285/ Post Office lights	15-Jun-11		H/H
taken at uv & mv lights, 7950' elev., 39°24.38'N;-105°28.67'W				
<i>Chlorosea roseitacta</i>	CUSTER: 1 mi. N. of Lake Isabel, Hwy. 165 beside mkr. 18,	09-Jul-11		CEH
San Isabel NF, Wet Mtns., taken at mv, 8732' elev., pine/fir assoc., 39°59.463'N;-105°03.32'W				
<i>Chlorochlamys chloroleucaria</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W				
<i>Haematopis grataria</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W				
<i>Scopula limboundata</i>	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				
<i>Archirhoe neomexicana</i>	FREMONT: 5.5 mi. N.E. of Penrose, Hwy. #115, mkr. 20.5	07-Oct-10	08-Oct-10	CEH
pinyon/junipers along roadside w/rabbitbrush, 5820' elev.				
<i>Stamnodes formosata</i>	Park : downtown Bailey, Hwy. #285/ Post Office lights	02-Jun-11		CEH
taken at uv & mv lights, 7950' elev., 39°24.38'N;-105°28.67'W				
<i>Eupithecia nevadata</i>	JEFFERSON: Deer Creek Canyon, SW of Littleton, w. of Hogback	05-May-11	06-May-11	CEH
riparian area along Deer Creek Canyon, 5930' elev., poplars/willow/gambel's oak, 39°33.07'N, -105°08.36'W				
LYCAENIDAE				
<i>Lycaena dorcas castro</i>	Chaffee: McNasser Gulch, 11700' elev.,	02-Oct-11		PT1
PYRALIDAE				
<i>Pima occidentalis</i>	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				
THYATIRIDAE				
<i>Habrosyne gloriosa</i>	CUSTER: 14 mi. W of Wetmore FR 386	04-Jul-10		B/B
<i>Habrosyne gloriosa</i>	Custer: 2 mi. N. of Lake Isabel, Hwy. 165 beside mkr. 17,	09-Jul-11		CEH
San Isabel NF, Wet Mtns., taken at uv trap, 8732' elev., aspen/pine/Gentian assoc., 39°59.837'N;-105°03.65'W				
<i>Habrosyne scripta</i>	CUSTER: 2 mi. N. of Lake Isabel, Hwy. 165 beside mkr. 17,	09-Jul-11		CEH
San Isabel NF, Wet Mtns., taken at uv trap, 8732' elev., aspen/pine/Gentian assoc., 39°59.837'N;-105°03.65'W				
<i>Ceranemota tearlei</i>	EAGLE: 1 mi. N. of Eagle, Eby Creek Road,	09-Sep-11		CEH
taken off roadside, uv trap, sage/rabbitbrush/juniper, 6745' elev., 39°40.09'N;-106°49.92'W				
<i>Ceranemota tearlei</i>	Eagle: 2.5 mi. N. of Eagle, Eby Creek Road,	09-Sep-11		CEH
taken off roadside, uv trap, pinyon/juniper/sage, 7083' elev., 39°41.34'N;-106°49.99'W				
LASIOCAMPIDAE				
<i>Phyllodesma americana</i>	JEFFERSON: Pine Junction, off Hwy. #285 on Mt. Evans road	29-May-11	02-Jun-11	CEH
at post office mv lights, 8455' elev., 39°27'59'N;105°23'41'W				
<i>Phyllodesma americana</i>	Park : downtown Bailey, Hwy. #285/ Post Office lights	30-May-11	02-Jun-11	CEH
taken at uv & mv lights, 7950' elev., 39°24.38'N;-105°28.67'W				
<i>Phyllodesma americana</i>	CHAFFEE: W of Buena Vista 1.4 mi w Cottonwood Pass SR 306	22-Jul-11		CEH
wet meadow/spruce, taken at mv/uv trap, 8-11pm, 11500' elev., Collegiate Peaks Wilderness, 38°48.43'N;-106°23.26'W				
<i>Malacosoma disstria</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W				
<i>Malacosoma disstria</i>	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				
SATURNIIDAE				
<i>Coloradia luski</i>	Park : downtown Bailey, Hwy. #285/ Post Office lights	28-Jun-11		CEH
taken at uv & mv lights, 7950' elev., 39°24.38'N;-105°28.67'W				
<i>Coloradia luski</i>	Jefferson: Aspen Park, along Hwy. #285	07-Jul-11		CEH
open coniferous forest, taken at store uv lights, 8054' elev., 39°23.57'N; -105°17.55'W				
<i>Coloradia pandora</i>	Las Animas : Starkville, east off I-25, exit #11	30-Aug-11		CEH
at gas station uv lights, Pinyon/juniper/oak assoc., 6345' elev., 11pm., 37°07.549'N;-104°31.18'W				
<i>Coloradia pandora</i>	Las Animas: 5 mi. N. of Raton Pass Gallinas exit I-25, mkr 5	30-Aug-11		CEH
taken at mv/uv traps, along gravel frontage road, Robinia/oak/pinyon assoc., 6600' elev., 37°03.49'N;-104°31.38'W				
<i>Coloradia pandora</i>	Huerfano: .5 mi W of Pryor- Rouse Rd nr RR tracks roadside	30-Aug-11		CEH
taken at uv trap, w/rabbitbrush and juniper in sandy soils, 6368' elev., 37°30.889'N;-104°42.23'W				
<i>Coloradia pandora</i>	Huerfano: Walsenburg, w. of Hwy160 CO St Vet Hospital	31-Aug-11		CEH
taken at uv/mv lights, pinyon/oak/juniper assoc., 6454' elev., 37°36.03'N;-104°49.92'W				
<i>Coloradia pandora</i>	Pueblo: Rye, along Hwy. #165	31-Aug-11		CEH
taken at gas station lights, 6750' elev., 37°55.42'N;-104°55.22'W				

Agapema homogena	FREMONT: Coaldale, Hwy. 50	23-Jun-11	CEH
BAMONA website juried photo, contributor unknown			
Antheraea polyphemus	MONTROSE: Montrose,	09-Jul-11	CEH
BAMONA website juried photo, contributor unknown			
Antheraea polyphemus	Douglas: Castlerock, 3652 Rawhide Circle,	11-Jul-11	CEH
BAMONA website juried photo, contributor unknown			
Antheraea polyphemus	Larimer: Ft. Collins, 7001 CR 84,	13-Jul-11	CEH
BAMONA website juried photo, contributor unknown			
Hyalophora columbia gloveri	Pueblo: Pueblo, 2175 Siloam Rd.,	04-Apr-11	CEH
BAMONA website juried photo, contributor unknown			
Hyalophora columbia gloveri	Douglas: Castlerock, 12380 Jasper Pointe Way,	18-Apr-11	CEH
BAMONA website juried photo, contributor unknown			
Hyalophora columbia gloveri	Jefferson: Golden, 1412 Jesse Lane,	29-May-11	CEH
BAMONA website juried photo, contributor unknown			
Hyalophora columbia gloveri	Gunnison: Gunnison, 43980 Hwy. 50,	11-Jun-11	CEH
BAMONA website juried photo, contributor unknown			
Hyalophora columbia gloveri	Gilpin: Blackhawk,	04-Jul-11	CEH
BAMONA website juried photo, contributor unknown			
Hyalophora columbia gloveri	El Paso: 1 mi S of Hwy105 along Roller Coaster Rd 7400' elv	20-Aug-11	CEH
Vouchered by Michael Young, 6th instar larva found on Bearberry			
SPHINGIDAE			
Manduca quinquemaculatus	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10	SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W			
Manduca quinquemaculatus	LINCOLN: Brett Gray Ranch,	22-Jul-11	SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W			
Manduca sexta	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10	SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W			
Ceratomia undulosa	Douglas: Downtown Parker, Parker Rd. nr Main Street,	02-Jul-11	CEH
taken at street lights by Brett Lawrence,			
Ceratomia undulosa	FREMONT: Downtown Canon City,	09-Jul-11	CEH
taken at street lights,			
Ceratomia undulosa	LINCOLN: Brett Gray Ranch,	22-Jul-11	SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W			
Sphinx asellus	ALAMOSA: Mosca, Hwy. 17	25-Jun-11	VXA
resting at day under MV light,			
Sphinx asellus	PARK : downtown Bailey, Hwy. #285/ Post Office lights	28-Jun-11	CEH
taken at uv & mv lights, 7950' elev., 39°24.38'N;-105°28.67'W			
Sphinx dollii	Alamosa: Mosca, Hwy. 17	25-Jun-11	VXA
resting at day under MV light,			
Sphinx gordius	PARK : downtown Bailey, Hwy. #285/ Post Office lights	15-Jun-11	H/H
taken at uv & mv lights, 7950' elev., 39°24.38'N;-105°28.67'W			
Sphinx vashti	Custer: 14 mi. W of Wetmore FR 386	04-Jul-10	B/B
Sphinx vashti	Jefferson: Conifer, along Hwy. 285 at mv street lights	02-Jun-11	CEH
taken at store lights, 8310' elev, 39°31'10"N;105°18'22"W			
Smerinthus cerisyi	Gunnison: FR 712, 8 mi E. of Crawford	25-Jun-11	MG2
Smerinthus jamaicensis	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10	SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W			
Paonias excaecata	Gunnison: FR 712, 8 mi E. of Crawford	25-Jun-11	MG2
Paonias myops	CUSTER: 2 mi. N. of Lake Isabel, Hwy. 165 beside mkr. 17,	09-Jul-11	CEH
San Isabel NF, Wet Mtns., taken at uv trap, 8732' elev., aspen/pine/Gentian assoc., 39°59.837'N;-105°03.65'W			
Pachysphinx modesta	Park : downtown Bailey, Hwy. #285/ Post Office lights	11-Jun-11	09-Jul-11 CEH
taken at uv & mv lights, 7950' elev., 39°24.38'N;-105°28.67'W			
Pachysphinx occidentalis	Pueblo: Avondale, 216 Hwy. 50	25-Jun-11	CEH
BAMONA website juried photo, contributor unknown			
Hyles euphorbiae	LARIMER: Ft. Collins, Environmental Learning Center,	01-Jun-11	PAO
Vouchered for Gillette collection via reared larvae by Whitney Cranshaw and Boris Kondratieff			
Hyles gallii	PARK : Crow Hill, along Hwy. 285, gas station lights	04-Jun-11	CEH
taken at uv & mv lights, 8374' elev., 39°23.178'N;-105°28.28'W			
Hyles gallii	Park : Kenosha Pass, Hwy. 285 at mkr. #203, Pike NF,	02-Jul-11	CEH
taken at uv trap, 9995' elev., apen/pine/fir assoc., 39°24.54'N;-105°45.36'W			
Hyles lineata	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10	SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W			
Hyles lineata	LINCOLN: Brett Gray Ranch,	22-Jul-11	SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W			
NOTODONTIDAE			
Clostera albosigma	PARK : Kenosha Pass, Hwy. 285 at mkr. #203, Pike NF,	02-Jul-11	CEH
taken at uv trap, 9995' elev., apen/pine/fir assoc., 39°24.54'N;-105°45.36'W			

<i>Clostera apicalis</i>	Jefferson: Deer Creek Canyon, SW of Littleton, w. of Hogback	05-May-11	06-May-11	CEH
riparian area along Deer Creek Canyon, 5930' elev., poplars/willow/gambel's oak, 39°33.07'N, -105°08.36'W				
<i>Clostera brucei</i>	PARK : downtown Bailey, Hwy. #285/ Post Office lights	15-Jun-11		H/H
taken at uv & mv lights, 7950' elev., 39°24.38'N;-105°28.67'W				
<i>Clostera brucei</i>	Park: Fairplay along Hwy 285 N of jct of Hwy. 9	29-Jun-11		CEH
at gas station mv lights, 9950' elev., 39°13'02"N;105°59'34"W				
<i>Clostera paraphora</i>	PARK : Kenosha Pass, Hwy. 285 at mkr. #203, Pike NF,	02-Jul-11		CEH
taken at uv trap, 9995' elev., apen/pine/fir assoc., 39°24.54'N;-105°45.36'W				
<i>Odontotia elegans</i>	PARK : downtown Bailey, Hwy. #285/ Post Office lights	15-Jun-11		H/H
taken at uv & mv lights, 7950' elev., 39°24.38'N;-105°28.67'W				
<i>Odontotia elegans</i>	CUSTER: 2 mi. N. of Lake Isabel, Hwy. 165 beside mkr. 17,	09-Jul-11		CEH
San Isabel NF, Wet Mtns., taken at uv trap, 8732' elev., aspen/pine/Gentian assoc., 39°59.837'N;-105°03.65'W				
<i>Gluphisia septentrionis</i>	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				
<i>Furcula cinerea</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W				
<i>Furcula cinerea</i>	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				
<i>Datana perspicua</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W				
<i>Datana perspicua</i>	GUNNISON: FR 712, 8 mi E. of Crawford	25-Jun-11		MG2
<i>Nadata gibbosa</i>	CHAFFEE: 2 mi S of Poncha Springs Ftg Rd Hwy 285 mkr124	21-Jul-11	22-Jul-11	CEH
oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF, 38°28.60'N;-106°05.26'W				
<i>Heterocampa lunata</i>	JEFFERSON: Aspen Park, along Hwy. #285	07-Jul-11		CEH
open coniferous forest, taken at store uv lights, 8054' elev., 39°23.57'N; -105°17.55'W				
<i>Heterocampa lunata</i>	CHAFFEE: 2 mi S of Poncha Springs Ftg Rd Hwy 285 mkr124	21-Jul-11	22-Jul-11	CEH
oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF, 38°28.60'N;-106°05.26'W				
<i>Oligocentria pallida</i>	JEFFERSON: Pine Junction, off Hwy. #285 on Mt. Evans road	07-Jul-11		CEH
at post office mv lights, 8455' elev., 39°27'59"N;105°23'41"W				
<i>Oligocentria pallida</i>	CUSTER: 1 mi. N. of Lake Isabel, Hwy. 165 beside mkr. 18,	09-Jul-11		CEH
San Isabel NF, Wet Mtns., taken at mv, 8732' elev., pine/fir assoc., 39°59.463'N;-105°03.32'W				
<i>Dasytophia anguina</i>	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				

NOCTUIDAE

<i>Idia aemula</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W				
<i>Idia aemula</i>	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				
<i>Idia americalis</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W				
<i>Idia americalis</i>	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				
<i>Idia lubricalis</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W				
<i>Idia lubricalis</i>	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				
<i>Bleptina caradrinalis</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W				
<i>Bleptina caradrinalis</i>	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				
<i>Hypena humuli</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W				
<i>Hypena humuli</i>	JEFFERSON: Deer Creek Canyon, SW of Littleton, w. of Hogback	05-May-11	06-May-11	CEH
riparian area along Deer Creek Canyon, 5930' elev., poplars/willow/gambel's oak, 39°33.07'N, -105°08.36'W				
<i>Lasionycta coloradensis</i>	CLEAR CREEK : Georgetown, 1 mi w. off I-70 at marker #228,	27-Jun-11		CEH
taken by Miranda Harp in riparian area w. of Clear Cr., 8524' elev., at lights, 39°43.065'N;105°41.55'W				
<i>Lasionycta coloradensis</i>	CHAFFEE: W of Buena Vista 4mi E below Cottonwood Pass	22-Jul-11		CEH
along alpine trail at uv trap, 8-11pm, 11900' elev., Collegiate Peaks Wilderness, 38°49.46'W;-106°25.21'W				
<i>Ascalapha odorata</i>	Larimer: Ft. Collins,	28-Jun-11		CEH
BAMONA website juried photo, contributor unknown				
<i>Ascalapha odorata</i>	El Paso: Yoder,	08-Jul-11		CEH
BAMONA website juried photo, contributor unknown				
<i>Scoliopteryx libatrix</i>	PARK : downtown Bailey, Hwy. #285/ Post Office lights	20-Sep-11		CEH
taken at uv & mv lights, 7950' elev., 39°24.38'N;-105°28.67'W				
<i>Lygephila victoria</i>	Fremont: Cotopaxi, along Hwy 50, Arkansas River Canyon	10-Jul-11		CEH
taken at store mv lights, 6364' elev., 38°22.24'N;-105°41.33'W				
<i>Lygephila victoria</i>	Chaffee: 2 mi S of Poncha Springs Ftg Rd Hwy 285 mkr124	21-Jul-11	22-Jul-11	CEH
oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF, 38°28.60'N;-106°05.26'W				

Melipotis jucunda	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W				
Drasteria hastingsii	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				
Drasteria inepta	Alamosa: Mosca, Hwy. 17	25-Jun-11		VXA
at mv light,				
Drasteria sabulosa	Jefferson: Deer Creek Canyon, SW of Littleton, w. of Hogback	05-May-11	06-May-11	CEH
riparian area along Deer Creek Canyon, 5930' elev., poplars/willow/gambel's oak, 39°33.07'N, -105°08.36'W				
Drasteria sabulosa	PARK : downtown Bailey, Hwy. #285/ Post Office lights	15-Jun-11		H/H
taken at uv & mv lights, 7950' elev., 39°24.38'N;-105°28.67'W				
Caenurgina erechtea	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W				
Caenurgina erechtea	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				
Argyrostroma anilis	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				
Zale colorado	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				
Catocala aholibah	Jefferson: SW of Littleton, West Deer Crk. Cyn. Rd,	24-Aug-11	25-Aug-11	CEH
taken at uv trap nr. Heracium maximum, creekside along Deer Ck., 6500' elev., 39°32.43'N;-105°19.62'W				
Catocala aholibah	HUERFANO: .5 mi W of Pryor- Rouse Rd nr RR tracks roadside	30-Aug-11		CEH
taken at uv trap, w/rabbitbrush and juniper in sandy soils, 6368' elev., 37°30.889'N;-104°42.23'W				
Catocala aholibah	LAS ANIMAS: 5 mi. N. of Raton Pass Gallinas exit I-25, mkr 5	30-Aug-11		CEH
taken at mv/uv traps, along gravel frontage road, Robinia/oak/pinyon assoc., 6600' elev., 37°03.49'N;-104°31.38'W				
Catocala aholibah	RIO BLANCO: 24 mi N of Rifle 1.8 mi W of Hwy13 along CR #5	25-Sep-11		CEH
juniper/sage/oak assoc., at mv/uv trap at roadside switchback, 7500' elev., 39°49.67'N;-107°58.62'W				
Catocala amatrix	DELTA: Hotchkiss,	10-Aug-10	11-Aug-10	DEB
taken at uv lights				
Catocala cara	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 39°45.644'N;-102°27.771'W (State Record)				
Catocala grotiana	Park : 1 mi. N. of Kenosha Pass, Hwy285 mkr204 Pike NF	15-Aug-11		CEH
taken at uv trap, 9959' elev., wet open meadow, 39°25.15'N;-105°45.88'W				
Catocala grotiana	Park: Fairplay along Hwy 285 N of jct of Hwy. 9	21-Sep-11		CEH
at gas station mv lights, 9950' elev., 39°13'02"N;105°59'34"W				
Catocala hermia	HUERFANO: .5 mi W of Pryor- Rouse Rd nr RR tracks roadside	30-Aug-11		CEH
taken at uv trap, w/rabbitbrush and juniper in sandy soils, 6368' elev., 37°30.889'N;-104°42.23'W				
Catocala hermia	LAS ANIMAS: 5 mi. N. of Raton Pass Gallinas exit I-25, mkr 5	30-Aug-11		CEH
taken at mv/uv traps, along gravel frontage road, Robinia/oak/pinyon assoc., 6600' elev., 37°03.49'N;-104°31.38'W				
Catocala hermia	Chaffee: 8 mi E Buena Vista FR315 off Hwy285 Shields Gulch	20-Sep-11		CEH
pinyon/juniper/sage habitat, San Isabel NF, 8671' elev. at mv trap, 38°50.39'N;-106°01.68'W				
Catocala junctura	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W				
Catocala junctura	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				
Catocala relicta	Chaffee: Buena Vista, Elementary School lights,	18-Aug-11		CEH
taken by Justin Willis, 7850' elev., 38°50.39'N;-106°07.85'W				
Catocala relicta	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	20-Aug-11		BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N;-105°27.372'W				
Catocala relicta	HUERFANO: 21 mi. W. of Aguilar,	26-Aug-11		DEB
taken at lights,				
Catocala relicta	MESA: Powderhorn Ski Resort	27-Aug-11		MG2
Catocala semirelicta	EAGLE: 2.5 mi. N. of Eagle, Eby Creek Road,	09-Sep-11		CEH
taken off roadside, uv trap, pinyon/juniper/sage, 7083' elev., 39°41.34'N;-106°49.99'W				
Catocala semirelicta	Eagle: Gypsum, between Hwy. 6 and I-70, exit #140	09-Sep-11		CEH
taken at store lights, 6312' elev., 39°38.90'N;-106°57.15'W				
Catocala ultronia	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				
Catocala verrilliana	Fremont: Cotopaxi, along Hwy 50, Arkansas River Canyon	10-Jul-11		CEH
taken at store mv lights, 6364' elev., 38°22.24'N;-105°41.33'W				
Catocala verrilliana	Jefferson: SW of Littleton, West Deer Crk. Cyn. Rd,	24-Aug-11	25-Aug-11	CEH
taken at uv trap nr. Heracium maximum, creekside along Deer Ck., 6500' elev., 39°32.43'N;-105°19.62'W				
Pseudeva purpurigera	JEFFERSON: SW of Littleton, West Deer Crk. Cyn. Rd,	23-Aug-11	25-Aug-11	CEH
taken at uv trap nr. Heracium maximum, creekside along Deer Ck., 6500' elev., 39°32.43'N;-105°19.62'W				
Pseudohemihyalaea labecula	Custer: 14 mi. W of Wetmore FR 386	04-Jul-10		B/B
Autographa ampla	CUSTER: 1 mi. N. of Lake Isabel, Hwy. 165 beside mkr. 18,	09-Jul-11		CEH
San Isabel NF, Wet Mtns., taken at mv, 8732' elev., pine/fir assoc., 39°59.463'N;-105°03.32'W				
Autographa ampla	CHAFFEE: W of Buena Vista 4mi E below Cottonwood Pass	22-Jul-11		CEH
along alpine trail at uv trap, 8-11pm, 11900' elev., Collegiate Peaks Wilderness, 38°49.46'W;-106°25.21'W				

Autographa californica juniper/sage/oak assoc., at mv/uv trap at roadside switchback, 7500' elev., 39°49.67'N;-107°58.62'W	RIO BLANCO: 24 mi N of Rifle 1.8 mi W of Hwy13 along CR #5	25-Sep-11	CEH
Autographa californica 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	26-Sep-11	CEH
Autographa pseudogamma base of scree field at uv trap, 9-11:30pm, 11900' elev., Collegiate Peaks Wilderness, 38°50.73'N;-106°24.71'W	GUNNISON: W. of Buena Vista .8 mi W of Cottonwood Pass	06-Aug-11	CEH
Anagrapha falcifera taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10	SAJ
Syngnapha angulidens taken at uv & mv lights, 7950' elev., 39°24.38'N;-105°28.67'W	Park : downtown Bailey, Hwy. #285/ Post Office lights	28-Jun-11	CEH
Syngnapha angulidens San Isabel NF, Wet Mtns., taken at mv, 8732' elev., pine/fir assoc., 39°59.463'N;-105°03.32'W	CUSTER: 1 mi. N. of Lake Isabel, Hwy. 165 beside mkr. 18,	09-Jul-11	CEH
Syngnapha angulidens along alpine trails at uv trap, 8-11pm, 11800' elev., Collegiate Peaks Wilderness, 38°50.62'N;-106°24.93'W	GUNNISON: W of Buena Vista 1.4 mi w Cottonwood Pass SR 306	06-Aug-11	CEH
Syngnapha ignea wet meadow/spruce, taken at mv/uv trap, 8-11pm, 11500' elev., Collegiate Peaks Wilderness, 38°48.43'N;-106°23.26'W	CHAFFEE: W of Buena Vista 1.4 mi w Cottonwood Pass SR 306	22-Jul-11	CEH
Syngnapha ignea pine/sage border at uv trap, 8pm- 12am, 10200' elev., San Isabel NF, 38°20.09'N;-106°13.26'W	LAKE: N.E. of Leadville, Hwy. #91 at mkr. 7,	26-Jul-11	CEH
Syngnapha sackenii along alpine trails at uv trap, 8-11pm, 11800' elev., Collegiate Peaks Wilderness, 38°50.62'N;-106°24.93'W	GUNNISON: W of Buena Vista 1.4 mi w Cottonwood Pass SR 306	22-Jul-11	CEH
Syngnapha sackenii along alpine trail at uv trap, 8-11pm, 11900' elev., Collegiate Peaks Wilderness, 38°49.46'W;-106°25.21'W	Chaffee: W of Buena Vista 1.4 mi w Cottonwood Pass SR 306	22-Jul-11	06-Aug-11 CEH
Syngnapha sackenii wet meadow/spruce, taken at mv/uv trap, 8-11pm, 11500' elev., Collegiate Peaks Wilderness, 38°48.43'N;-106°23.26'W	CHAFFEE: W of Buena Vista 1.4 mi w Cottonwood Pass SR 306	22-Jul-11	CEH
Syngnapha sackenii pine/sage border at uv trap, 8pm- 12am, 10200' elev., San Isabel NF, 38°20.60'N;-106°13.375'W	Lake: N.E. of Leadville, Hwy. #91nr mkr. 8, at FSR #134	26-Jul-11	CEH
Syngnapha sackenii pine/sage border at uv trap, 8pm- 12am, 10200' elev., San Isabel NF, 38°20.09'N;-106°13.26'W	LAKE: N.E. of Leadville, Hwy. #91 at mkr. 7,	26-Jul-11	CEH
Syngnapha sackenii base of scree field at uv trap, 9-11:30pm, 11900' elev., Collegiate Peaks Wilderness, 38°50.73'N;-106°24.71'W	Gunnison: W of Buena Vista 1.4 mi w Cottonwood Pass SR 306	06-Aug-11	CEH
Syngnapha viridisigma taken at mv/uv trap, 10060' elev., dry apen/pine assoc., 39°24.35'N;-105°44.62'W	Park : Kenosha Pass E of Hwy285 along FR 126 Pike NF	15-Aug-11	CEH
Plusia putnami San Isabel NF, Wet Mtns., taken at mv, 8732' elev., pine/fir assoc., 39°59.463'N;-105°03.32'W	Custer: 1 mi. N. of Lake Isabel, Hwy. 165 beside mkr. 18,	09-Jul-11	CEH
Plusia putnami San Isabel NF, Wet Mtns., taken at uv trap, 8732' elev., aspen/pine/Gentian assoc., 39°59.837'N;-105°03.65'W	Custer: 2 mi. N. of Lake Isabel, Hwy. 165 beside mkr. 17,	09-Jul-11	CEH
Deltote bellicula taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W	LINCOLN: Brett Gray Ranch,	22-Jul-11	SAJ
Tarachidia binocula taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10	SAJ
Tarachidia binocula taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W	LINCOLN: Brett Gray Ranch,	22-Jul-11	SAJ
Tarachidia candefacta taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10	SAJ
Tarachidia candefacta taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W	LINCOLN: Brett Gray Ranch,	22-Jul-11	SAJ
Tarachidia erastrionides taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W	LINCOLN: Brett Gray Ranch,	22-Jul-11	SAJ
Tarachidia semiflava taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10	SAJ
Tarachidia semiflava taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W	LINCOLN: Brett Gray Ranch,	22-Jul-11	SAJ
Tarachidia tortricina taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10	SAJ
Tarachidia tortricina taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W	LINCOLN: Brett Gray Ranch,	22-Jul-11	SAJ
Tarachidia virginalis taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10	SAJ
Tarachidia virginalis taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W	LINCOLN: Brett Gray Ranch,	22-Jul-11	SAJ
Therasea augustipennis taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10	SAJ
Therasea augustipennis taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W	LINCOLN: Brett Gray Ranch,	22-Jul-11	SAJ
Ponometia sutrix taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W	LINCOLN: Brett Gray Ranch,	22-Jul-11	SAJ
Acontia aprica taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W	LINCOLN: Brett Gray Ranch,	22-Jul-11	SAJ

<i>Acontia flavipennis</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W				
<i>Acontia flavipennis</i>	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				
<i>Panthea acronyctoides</i>	Park : downtown Bailey, Hwy. #285/ Post Office lights	02-Jun-11	07-Jul-11	CEH
taken at uv & mv lights, 7950' elev., 39°24.38'N;-105°28.67'W				
<i>Panthea acronyctoides</i>	PARK : 1 mi. N. of Kenosha Pass, Hwy285 mkr204 Pike NF	02-Jul-11		CEH
taken at uv trap, 9959' elev., wet open meadow, 39°25.15'N;-105°45.88'W				
<i>Panthea gigantea</i>	Jefferson: Pine Junction, off Hwy. #285 on Mt. Evans road	29-May-11		CEH
at post office mv lights, 8455' elev., 39°27'59"N;105°23'41"W				
<i>Panthea gigantea</i>	Park : downtown Bailey, Hwy. #285/ Post Office lights	16-Jun-11	28-Jun-11	CEH
taken at uv & mv lights, 7950' elev., 39°24.38'N;-105°28.67'W				
<i>Panthea greyi</i>	CUSTER: 1 mi. N. of Lake Isabel, Hwy. 165 beside mkr. 18,	09-Jul-11		CEH
San Isabel NF, Wet Mtns., taken at mv, 8732' elev., pine/fir assoc., 39°59.463'N;-105°03.32'W				
<i>Raphia frater</i>	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				
<i>Acronicta cyanescens</i>	Park : downtown Bailey, Hwy. #285/ Post Office lights	02-Jun-11		CEH
taken at uv & mv lights, 7950' elev., 39°24.38'N;-105°28.67'W				
<i>Acronicta cyanescens</i>	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	23-Jun-11	29-Jun-11	BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N;-105°27.372'W				
<i>Acronicta cyanescens</i>	Park : Kenosha Pass, Hwy. 285 at mkr. #203, Pike NF,	02-Jul-11		CEH
taken at uv trap, 9995' elev., aspen/pine/fir assoc., 39°24.54'N;-105°45.36'W				
<i>Acronicta grisea</i>	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	15-Jun-11	07-Jul-11	BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N;-105°27.372'W				
<i>Acronicta grisea</i>	PARK: 1.5 mi. S of Grant, Hwy. #285 mkr. 210,	03-Jul-11		CEH
taken at uv trap, 9300' elev., aspen/pine habitat, 39°27.59'N;-105°41.847'W				
<i>Acronicta grisea</i>	JEFFERSON: Aspen Park, along Hwy. #285	07-Jul-11		CEH
open coniferous forest, taken at store uv lights, 8054' elev., 39°23.57'N; -105°17.55'W				
<i>Acronicta grisea</i>	CUSTER: 1 mi. N. of Lake Isabel, Hwy. 165 beside mkr. 18,	09-Jul-11		CEH
San Isabel NF, Wet Mtns., taken at mv, 8732' elev., pine/fir assoc., 39°59.463'N;-105°03.32'W				
<i>Acronicta impleta</i>	JEFFERSON: Deer Creek Canyon, SW of Littleton, w. of Hogback	27-May-11	28-May-11	CEH
riparian area along Deer Creek Canyon, 5930' elev., poplars/willow/gambel's oak, 39°33.07'N, -105°08.36'W				
<i>Acronicta lepusculina</i>	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	24-Jun-11	15-Jul-11	BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N;-105°27.372'W				
<i>Acronicta vulpina</i>	CUSTER: 1 mi. N. of Lake Isabel, Hwy. 165 beside mkr. 18,	09-Jul-11		CEH
San Isabel NF, Wet Mtns., taken at mv, 8732' elev., pine/fir assoc., 39°59.463'N;-105°03.32'W				
<i>Merolonche lupini</i>	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	22-Jun-11		BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N;-105°27.372'W				
<i>Simyra insularis</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W				
<i>Euscirrhopterus gloveri</i>	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				
<i>Cucullia dorsalis</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W				
<i>Pleromelloida cinerea</i>	EAGLE: 1 mi. N. of Eagle, Eby Creek Road,	09-Sep-11		CEH
taken off roadside, uv trap, sage/rabbitbrush/juniper, 6745' elev., 39°40.09'N;-106°49.92'W				
<i>Pleromelloida cinerea</i>	GARFIELD: 15.3 mi N. of Rifle, Hwy #13 roadside nr. mkr. #15	25-Sep-11		CEH
rabbitbrush/oak/sage assoc., 6200' elev., 39°35.80'N;-107°52.48'W				
<i>Pleromelloida cinerea</i>	RIO BLANCO: 24 mi N of Rifle 1.8 mi W of Hwy13 along CR #5	25-Sep-11		CEH
juniper/sage/oak assoc., at mv/uv trap at roadside switchback, 7500' elev., 39°49.67'N;-107°58.62'W				
<i>Pleromelloida cinerea</i>	Eagle: 3 mi. W of Wolcott, s. off Hwy #6 nr. mkr. #158	26-Sep-11		CEH
rabbitbrush/sage/juniper assoc., taken at uv trap, 6900' elev., 39°42.56'N;-106°42.68'W				
<i>Pleromelloida cinerea</i>	Eagle: 3.5 mi W of Wolcott Bearden Rd at Hell's Pocket Rd	26-Sep-11		CEH
rabbitbrush/sage/juniper assoc., taken at uv trap, 6959' elev., 39°42.29'N;-106°43.73'W				
<i>Homohadena fifia</i>	Chaffee: 2 mi S of Poncha Springs Ftg Rd Hwy 285 mkr124	21-Jul-11	22-Jul-11	CEH
oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF, 38°28.60'N;-106°05.26'W				
<i>Sympistis amethystes</i>	RIO BLANCO: 24 mi N of Rifle 1.8 mi W of Hwy13 along CR #5	25-Sep-11		CEH
juniper/sage/oak assoc., at mv/uv trap at roadside switchback, 7500' elev., 39°49.67'N;-107°58.62'W				
<i>Sympistis augustus</i>	Baca: Springfield, s. of town, Hwy. #287 at store lights	13-Oct-11		CEH
Comanche Nat. Grassld., 4409'elev., 9:30 p.m., 37°23.10'N;-102°36.92'W				
<i>Sympistis chandleri</i>	LAS ANIMAS: 5 mi. N. of Raton Pass Gallinas exit I-25, mkr 5	30-Aug-11		CEH
taken at mv/uv traps, along gravel frontage road, Robinia/oak/pinyon assoc., 6600' elev., 37°03.49'N;-104°31.38'W				
<i>Sympistis chandleri</i>	HUERFANO: .5 mi W of Pryor- Rouse Rd nr RR tracks roadside	30-Aug-11		CEH
taken at uv trap, w/rabbitbrush and juniper in sandy soils, 6368' elev., 37°30.889'N;-104°42.23'W				
<i>Sympistis chandleri</i>	Eagle: 2.5 mi. N. of Eagle, Eby Creek Road,	09-Sep-11		CEH
taken off roadside, uv trap, pinyon/juniper/sage, 7083' elev., 39°41.34'N;-106°49.99'W				
<i>Sympistis cibalis</i>	EAGLE: 2.5 mi. N. of Eagle, Eby Creek Road,	09-Sep-11		CEH
taken off roadside, uv trap, pinyon/juniper/sage, 7083' elev., 39°41.34'N;-106°49.99'W, State Record				

Sympistis dayi	LAKE: 12 mi w of Leadville FR105 1.5 mi E Hagerman Pass	26-Jul-11		CEH
	spruce/fir in wet meadow, taken at uv trap, 8pm- 12am, 11200' elev., San Isabel NF, 39°15.93'N;-106°27.38'W			
Sympistis dayi	Lake: NE of Leadville Hwy91 nr mkr 8 at FSR134	26-Jul-11		CEH
	pine/sage border at uv trap, 8pm- 12am, 10200' elev., San Isabel NF, 38°20.60'N;-106°13.375'W			
Sympistis dayi	Gunnison: W of Buena Vista 1.4 mi w Cottonwood Pass SR 306	06-Aug-11		CEH
	base of scree field at uv trap, 9-11:30pm, 11900' elev., Collegiate Peaks Wilderness, 38°50.73'N;-106°24.71'W			
Sympistis dayi	Gunnison: W of Buena Vista 1.4 mi w Cottonwood Pass SR 306	19-Aug-11	20-Aug-11	H-H
	edge of cul-de-sac, uv/mv trap, 11900' elev., Collegiate Peaks Wilderness, 38°50.86'N;-106°24.78'W			
Sympistis figurata	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	29-Jun-11		BKB
	ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N;-105°27.372'W			
Sympistis glennyi	GUNNISON: W of Buena Vista 1.4 mi w Cottonwood Pass SR 306	06-Aug-11		CEH
	base of scree field at uv trap, 9-11:30pm, 11900' elev., Collegiate Peaks Wilderness, 38°50.73'N;-106°24.71'W			
Sympistis glennyi	PARK : 1 mi. N. of Kenosha Pass, Hwy285 mkr204 Pike NF	15-Aug-11		CEH
	taken at uv trap, 9959' elev., wet open meadow, 39°25.15'N;-105°45.88'W			
Sympistis glennyi	EAGLE: 5 mi. E of Eagle, Hwy #6 roadside at mkr. #155	26-Sep-11		CEH
	pine/rabbitbrush/sage assoc., taken at uv/mv trap, 6785' elev., 39°41.33'N;-106°44.88'W			
Sympistis hayesi	Chaffee: 8 mi E Buena Vista FR315 off Hwy285 Shields Gulch	20-Sep-11		CEH
	pinyon/juniper/sage habitat, San Isabel NF, 8671' elev. at mv trap, 38°50.39'N;-106°01.68'W			
Sympistis hayesi	EAGLE: 5 mi. E of Eagle, Hwy #6 roadside at mkr. #155	26-Sep-11		CEH
	pine/rabbitbrush/sage assoc., taken at uv/mv trap, 6785' elev., 39°41.33'N;-106°44.88'W			
Sympistis homogena	JEFFERSON: SW of Littleton, West Deer Crk. Cyn. Rd,	24-Aug-11	25-Aug-11	CEH
	taken at uv trap nr. Heracium maximum, creekside along Deer Ck., 6500' elev., 39°32.43'N;105°19.62'W			
Sympistis insanina	Chaffee: 8 mi E Buena Vista FR315 off Hwy285 Shields Gulch	20-Sep-11		CEH
	pinyon/juniper/sage habitat, San Isabel NF, 8671' elev. at mv trap, 38°50.39'N;-106°01.68'W			
Sympistis meadiana	JEFFERSON: SW of Littleton, West Deer Crk. Cyn. Rd,	24-Aug-11	25-Aug-11	CEH
	taken at uv trap nr. Heracium maximum, creekside along Deer Ck., 6500' elev., 39°32.43'N;105°19.62'W			
Sympistis occata	OTERO: along Hwy. #50 ene. of La Junta, Hadley Rest Area	13-Oct-11		CEH
	Comanche Nat. Grassld., 4620' elev., 9:30 p.m., 38°01.95'N;-103°22.96'W			
Sympistis poliochroa	CHAFFEE: 8 mi E Buena Vista FR315 off Hwy285 Shields Gulch	20-Sep-11		CEH
	pinyon/juniper/sage habitat, San Isabel NF, 8671' elev. at mv trap, 38°50.39'N;-106°01.68'W			
Sympistis terminalis	Chaffee: 8 mi E Buena Vista FR315 off Hwy285 Shields Gulch	20-Sep-11		CEH
	pinyon/juniper/sage habitat, San Isabel NF, 8671' elev. at mv trap, 38°50.39'N;-106°01.68'W			
Amphipyra glabella	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
	taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W			
Amphipyra glabella	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
	taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W			
Amphipyra tragopoginis	CHAFFEE: 2 mi S of Poncha Springs Ftg Rd Hwy 285 mkr124	06-Aug-10	07-Aug-10	CEH
	oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,			
Plagiomimicus expallidus	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
	taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W			
Plagiomimicus spumosum	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
	taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W			
Plagiomimicus tepperi	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
	taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W			
Plagiomimicus triplagiatus	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
	taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W			
Basilodes chrysopsis	HUERFANO: Walsenburg, w. of Hwy160 CO St Vet Hospital	31-Aug-11		CEH
	taken at uv/mv lights, pinyon/oak/juniper assoc., 6454' elev.			
Stiria rugifrons	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
	taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W			
Grotella citronella	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
	taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W			
Grotella dis	Huerfano: Walsenburg, w. of Hwy160 CO St Vet Hospital	31-Aug-11		CEH
	taken at uv/mv lights, pinyon/oak/juniper assoc., 6454' elev., 37°36.03'N;-104°49.92'W			
Grotella septempunctata	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
	taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W			
Helotropha reniformis	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	11-Sep-11		BKB
	ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N;-105°27.372'W			
Eutricopsis nexilis	GUNNISON: W of Buena Vista 1.4 mi w Cottonwood Pass SR 306	22-Jul-11		CEH
	along alpine trails, 1pm, 11800' elev., Collegiate Peaks Wilderness, 38°50.62'N;-106°24.93'W			
Pyrrhia exprimens	PARK: w. of Pine Jct off Hwy285 nr. Mt Evans Rd	07-Jul-11		CEH
	at store lights, 6637' elev., 39°27'59"N;-105°23'41"W			
Pyrrhia exprimens	CUSTER: 2 mi. N. of Lake Isabel, Hwy. 165 beside mkr. 17,	09-Jul-11		CEH
	San Isabel NF, Wet Mtns., taken at uv trap, 8732' elev., aspen/pine/Gentian assoc., 39°59.837'N;-105°03.65'W			
Heliothis oregonicus	GUNNISON: W of Buena Vista 1.4 mi w Cottonwood Pass SR 306	22-Jul-11		CEH
	along alpine trails, 1pm, 11800' elev., Collegiate Peaks Wilderness, 38°50.62'N;-106°24.93'W			
Heliothis phloxiphagus	PARK: Fairplay along Hwy 285 N of jct of Hwy. 9	12-Jun-11	29-Jun-11	CEH
	at gas station mv lights, 9950' elev., 39°13'02"N;105°59'34"W			

<i>Heliothis subflexa</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10	SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W			
<i>Heliocheilus paradoxus</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10	SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W			
<i>Schinia acutilinea</i>	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	18-Aug-11	BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N;-105°27.372'W			
<i>Schinia albafascia</i>	LAS ANIMAS: 5 mi. N. of Raton Pass Gallinas exit I-25, mkr 5	30-Aug-11	CEH
taken at mv/uv traps, along gravel frontage road, Robinia/oak/pinyon assoc., 6600' elev., 37°03.49'N;-104°31.38'W			
<i>Schinia albafascia</i>	HUERFANO: .5 mi W of Pryor- Rouse Rd nr RR tracks roadside	30-Aug-11	CEH
taken at uv trap, w/rabbitbrush and juniper in sandy soils, 6368' elev., 37°30.889'N;-104°42.23'W			
<i>Schinia arcigera</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10	SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W			
<i>Schinia chryselloides</i>	LINCOLN: Brett Gray Ranch,	22-Jul-11	SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W			
<i>Schinia cumatilis</i>	Jefferson: SW of Littleton, West Deer Crk. Cyn. Rd,	24-Aug-11	25-Aug-11
taken at uv trap nr. <i>Heracium maximum</i> , creekside along Deer Ck., 6500' elev., 39°32.43'N;105°19.62'W			CEH
<i>Schinia grandimedia</i>	Huerfano: .5 mi W of Pryor- Rouse Rd nr RR tracks roadside	30-Aug-11	CEH
taken at uv trap, w/rabbitbrush and juniper in sandy soils, 6368' elev., 37°30.889'N;-104°42.23'W			
<i>Schinia hultsia</i>	JEFFERSON: SW of Littleton, West Deer Crk. Cyn. Rd,	23-Aug-11	25-Aug-11
taken at uv trap nr. <i>Heracium maximum</i> , creekside along Deer Ck., 6500' elev., 39°32.43'N;105°19.62'W			CEH
<i>Schinia jaguarina</i>	LINCOLN: Brett Gray Ranch,	22-Jul-11	SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W			
<i>Schinia oleagina</i>	JEFFERSON: SW of Littleton, West Deer Crk. Cyn. Rd,	24-Aug-11	25-Aug-11
taken at uv trap nr. <i>Heracium maximum</i> , creekside along Deer Ck., 6500' elev., 39°32.43'N;105°19.62'W			CEH
<i>Schinia oleagina</i>	HUERFANO: Walsenburg, w. of Hwy160 CO St Vet Hospital	31-Aug-11	CEH
taken at uv/mv lights, pinyon/oak/juniper assoc., 6454' elev., 37°36.03'N;-104°49.92'W			
<i>Schinia regina</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10	SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W			
<i>Schinia sexplagiata</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10	SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W			
<i>Schinia simplex</i>	LINCOLN: Brett Gray Ranch,	22-Jul-11	SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W			
<i>Schinia unimacula</i>	HUERFANO: .5 mi W of Pryor- Rouse Rd nr RR tracks roadside	30-Aug-11	CEH
taken at uv trap, w/rabbitbrush and juniper in sandy soils, 6368' elev., 37°30.889'N;-104°42.23'W			
<i>Schinia volupia</i>	HUERFANO: Walsenburg, w. of Hwy160 CO St Vet Hospital	31-Aug-11	CEH
taken at uv/mv lights, pinyon/oak/juniper assoc., 6454' elev., 37°36.03'N;-104°49.92'W			
<i>Schinia walsinghami</i>	HUERFANO: Walsenburg, w. of Hwy160 CO St Vet Hospital	31-Aug-11	CEH
taken at uv/mv lights, pinyon/oak/juniper assoc., 6454' elev., 37°36.03'N;-104°49.92'W			
<i>Perigea xanthioides</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10	SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W, State Record			
<i>Condica albolabes</i>	CHAFFEE: 2 mi S of Poncha Springs Ftg Rd Hwy 285 mkr124	21-Jul-11	22-Jul-11
oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF, 38°28.60'N;-106°05.26'W			CEH
<i>Condica videns</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10	SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W			
<i>Condica videns</i>	LINCOLN: Brett Gray Ranch,	22-Jul-11	SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W			
<i>Ogdoconta cinereola</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10	SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W			
<i>Ogdoconta cinereola</i>	LINCOLN: Brett Gray Ranch,	22-Jul-11	SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W			
<i>Crambodes talidiformis</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10	SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W			
<i>Crambodes talidiformis</i>	LINCOLN: Brett Gray Ranch,	22-Jul-11	SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W			
<i>Spodoptera exigua</i>	BACA: Springfield, s. of town, Hwy. #287 at store lights	13-Oct-11	CEH
Comanche Nat. Grassld., 4409'elev., 9:30 p.m., 37°23.10'N;-102°36.92'W			
<i>Spodoptera ornithogalli</i>	Baca: Springfield, s. of town, Hwy. #287 at store lights	13-Oct-11	CEH
Comanche Nat. Grassld., 4409'elev., 9:30 p.m., 37°23.10'N;-102°36.92'W			
<i>Galgula partita</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10	SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W			
<i>Caradrina meralis</i>	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	19-Aug-11	BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N;-105°27.372'W			
<i>Caradrina montana</i>	LINCOLN: Brett Gray Ranch,	22-Jul-11	SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W			
<i>Proxenus miranda</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10	SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W			
<i>Proxenus miranda</i>	LINCOLN: Brett Gray Ranch,	22-Jul-11	SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W			

Cosmia calami	GUNNISON: W of Buena Vista 1.1 mi NW of Cottonwood Pass	19-Aug-11	20-Aug-11	H-H
edge of cul-de-sac, uv/mv trap, 11900' elev., Collegiate Peaks Wilderness, 38°50.86'N;-106°24.78'W				
Cosmia elisae	PARK : Kenosha Pass E of Hwy285 along FR 126 Pike NF	15-Aug-11		CEH
taken at mv/uv trap, 10060' elev., dry apen/pine assoc., 39°24.35'N;105°44.62'W				
Hyppa brunneicrista	Park: Fairplay along Hwy 285 N of jct of Hwy. 9	29-Jun-11		CEH
at gas station mv lights, 9950' elev., 39°13'02"N;105°59'34"W				
Hyppa brunneicrista	CUSTER: 2 mi. N. of Lake Isabel, Hwy. 165 beside mkr. 17,	09-Jul-11		CEH
San Isabel NF, Wet Mtns., taken at uv trap, 8732' elev., aspen/pine/Gentian assoc., 39°59.837'N;-105°03.65'W				
Apamea alia	Park : Kenosha Pass, Hwy. 285 at mkr. #203, Pike NF,	02-Jul-11		CEH
taken at uv trap, 9995' elev., apen/pine/fir assoc., 39°24.54'N;-105°45.36'W				
Apamea alia	CUSTER: 1 mi. N. of Lake Isabel, Hwy. 165 beside mkr. 18,	09-Jul-11		CEH
San Isabel NF, Wet Mtns., taken at mv, 8732' elev., pine/fir assoc., 39°59.463'N;-105°03.32'W				
Apamea alia	Lake: N.E. of Leadville, Hwy. #91nr mkr. 8, at FSR #134	26-Jul-11		CEH
pine/sage border at uv trap, 8pm- 12am, 10200' elev., San Isabel NF, 38°20.60'N;-106°13.375'W				
Apamea amputatrix	CUSTER: 1 mi. N. of Lake Isabel, Hwy. 165 beside mkr. 18,	09-Jul-11		CEH
San Isabel NF, Wet Mtns., taken at mv, 8732' elev., pine/fir assoc., 39°59.463'N;-105°03.32'W				
Apamea amputatrix	Chaffee: W of Buena Vista 1.4 mi w Cottonwood Pass SR 306	22-Jul-11		CEH
along alpine trail at uv trap, 8-11pm, 11900' elev., Collegiate Peaks Wilderness, 38°49.46'W;-106°25.21'W				
Apamea amputatrix	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				
Apamea amputatrix	GUNNISON: W of Buena Vista 1.4 mi w Cottonwood Pass SR 306	06-Aug-11		CEH
along alpine trails at uv trap, 8-11pm, 11800' elev., Collegiate Peaks Wilderness, 38°50.62'N;-106°24.93'W				
Apamea auranticolor	Park : Kenosha Pass, Hwy. 285 at mkr. #203, Pike NF,	02-Jul-11	15-Aug-11	CEH
taken at uv trap, 9995' elev., apen/pine/fir assoc., 39°24.54'N;-105°45.36'W				
Apamea auranticolor	Lake: N.E. of Leadville, Hwy. #91nr mkr. 8, at FSR #134	26-Jul-11		CEH
pine/sage border at uv trap, 8pm- 12am, 10200' elev., San Isabel NF, 38°20.60'N;-106°13.375'W				
Apamea auranticolor	LAKE: 12 mi w of Leadville FR105 1.5 mi E Hagerman Pass	26-Jul-11		CEH
spruce/fir in wet meadow, taken at uv trap, 8pm- 12am, 11200' elev., San Isabel NF, 39°15.93'N;-106°27.38'W				
Apamea auranticolor	GUNNISON: W of Buena Vista 1.4 mi w Cottonwood Pass SR 306	06-Aug-11		CEH
along alpine trails at uv trap, 8-11pm, 11800' elev., Collegiate Peaks Wilderness, 38°50.62'N;-106°24.93'W				
Apamea burgessi	BACA: Springfield, s. of town, Hwy. #287 at store lights	13-Oct-11		CEH
Comanche Nat. Grassld., 4409'elev., 9:30 p.m., 37°23.10'N;-102°36.92'W				
Apamea cinefacta	GUNNISON: Gunnison, Hwy. 50 at CR 13,	22-Jul-11		CEH
pine/juniper/sage, taken at gas station lights, 7700' elev., Gunnison NF, 38°32.72'N;-106°55.92'W				
Apamea conradi	GUNNISON: W of Buena Vista 1.4 mi w Cottonwood Pass SR 306	06-Aug-11		CEH
along alpine trails at uv trap, 8-11pm, 11800' elev., Collegiate Peaks Wilderness, 38°50.62'N;-106°24.93'W				
Apamea devastator	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W				
Apamea devastator	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				
Apamea geminimacula	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	30-Aug-11		BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N;-105°27.372'W				
Apamea helva	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W				
Apamea lignicolora	Park : Kenosha Pass, Hwy. 285 at mkr. #203, Pike NF,	02-Jul-11		CEH
taken at uv trap, 9995' elev., apen/pine/fir assoc., 39°24.54'N;-105°45.36'W				
Apamea lignicolora	GUNNISON: Gunnison, Hwy. 50 at CR 13,	22-Jul-11		CEH
pine/juniper/sage, taken at gas station lights, 7700' elev., Gunnison NF, 38°32.72'N;-106°55.92'W				
Apamea lignicolora	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				
Apamea niveivenosa	Saguache: Sargents, Hwy. 50 at CR 31,	22-Jul-11		CEH
pine/spruce, taken at gas station lights, 8400' elev., Gunnison NF, 38°24.38'N;-106°24.99'W				
Apamea niveivenosa	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				
Apamea niveivenosa	GUNNISON: Gunnison, Hwy. 50 at CR 13,	22-Jul-11		CEH
pine/juniper/sage, taken at gas station lights, 7700' elev., Gunnison NF, 38°32.72'N;-106°55.92'W				
Apamea occidens	CHAFFEE: W of Buena Vista 1.4 mi w Cottonwood Pass SR 306	22-Jul-11		CEH
wet meadow/spruce, taken at mv/uv trap, 8-11pm, 11500' elev., Collegiate Peaks Wilderness, 38°48.43'N;-106°23.26'W				
Apamea occidens	GUNNISON: W of Buena Vista 1.4 mi w Cottonwood Pass SR 306	06-Aug-11		CEH
base of scree field at uv trap, 9-11:30pm, 11900' elev., Collegiate Peaks Wilderness, 38°50.73'N;-106°24.71'W				
Apamea scoparia	CUSTER: 2 mi. N. of Lake Isabel, Hwy. 165 beside mkr. 17,	09-Jul-11		CEH
San Isabel NF, Wet Mtns., taken at uv trap, 8732' elev., aspen/pine/Gentian assoc., 39°59.837'N;-105°03.65'W				
Apamea scoparia	Chaffee: Monarch Pass, Monarch Crest Lodge, Hwy. 50	21-Jul-11	22-Jul-11	CEH
spruce/fir, taken at building lights, 11312' elev., San Isabel NF, 38°29.800'N;-106°19.53'W				
Apamea scoparia	GUNNISON: Gunnison, Hwy. 50 at CR 13,	22-Jul-11		CEH
pine/juniper/sage, taken at gas station lights, 7700' elev., Gunnison NF, 38°32.72'N;-106°55.92'W				
Apamea sordens	PARK : downtown Bailey, Hwy. #285/ Post Office lights	15-Jun-11		H/H
taken at uv & mv lights, 7950' elev., 39°24.38'N;-105°28.67'W				

<i>Apamea sordens</i>	Park : Kenosha Pass, Hwy. 285 at mkr. #203, Pike NF, taken at uv trap, 9995' elev., apen/pine/fir assoc., 39°24.54'N;-105°45.36'W	02-Jul-11		CEH
<i>Apamea sordens</i>	CUSTER: 2 mi. N. of Lake Isabel, Hwy. 165 beside mkr. 17, San Isabel NF, Wet Mtns., taken at uv trap, 8732' elev., aspen/pine/Gentian assoc., 39°59.837'N;-105°03.65'W	09-Jul-11		CEH
<i>Apamea spaldingi</i>	Saguache: Sargents, Hwy. 50 at CR 31, pine/spruce, taken at gas station lights, 8400' elev., Gunnison NF, 38°24.38'N;-106°24.99'W	22-Jul-11		CEH
<i>Apamea unita</i>	Park: Fairplay along Hwy 285 N of jct of Hwy. 9 at gas station mv lights, 9950' elev., 39°13'02"N;105°59'34"W	29-Jun-11		CEH
<i>Apamea unita</i>	GARFIELD: 15.3 mi N. of Rifle, Hwy #13 roadside nr. mkr. #15 rabbitbrush/oak/sage assoc., 6200' elev., 39°35.80'N;-107°52.48'W	25-Sep-11		CEH
<i>Apamea unita</i>	RIO BLANCO: 24 mi N of Rifle 1.8 mi W of Hwy13 along CR #5 juniper/sage/oak assoc., at mv/uv trap at roadside switchback, 7500' elev., 39°49.67'N;-107°58.62'W	25-Sep-11		CEH
<i>Apamea xyloides</i>	PARK : Kenosha Pass, Hwy. 285 at mkr. #203, Pike NF, taken at uv trap, 9995' elev., apen/pine/fir assoc., 39°24.54'N;-105°45.36'W	06-Jul-11		CEH
<i>Apamea zeta</i>	GUNNISON: W of Buena Vista 1.4 mi w Cottonwood Pass SR 306 along alpine trails at uv trap, 8-11pm, 11800' elev., Collegiate Peaks Wilderness, 38°50.62'N;-106°24.93'W	22-Jul-11		CEH
<i>Apamea zeta</i>	CHAFFEE: W of Buena Vista 1.4 mi w Cottonwood Pass SR 306 along alpine trail at uv trap, 8-11pm, 11900' elev., Collegiate Peaks Wilderness, 38°49.46'W;-106°24.21'W	22-Jul-11		CEH
<i>Resapamea passer</i>	FREMONT: Cotopaxi, along Hwy 50, Arkansas River Canyon taken at store mv lights, 6364' elev., 38°22.24'N;-105°41.33'W	10-Jul-11		CEH
<i>Resapamea stipata</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W	04-Aug-10		SAJ
<i>Resapamea stipata</i>	LINCOLN: Brett Gray Ranch, taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W	22-Jul-11		SAJ
<i>Oligia fractilinea</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W	04-Aug-10		SAJ
<i>Oligia fractilinea</i>	PARK : Kenosha Pass, Hwy. 285 at mkr. #203, Pike NF, taken at uv trap, 9995' elev., apen/pine/fir assoc., 39°24.54'N;-105°45.36'W	06-Jul-11	18-Jul-10	CEH
<i>Oligia fractilinea</i>	CUSTER: 2 mi. N. of Lake Isabel, Hwy. 165 beside mkr. 17, San Isabel NF, Wet Mtns., taken at uv trap, 8732' elev., aspen/pine/Gentian assoc., 39°59.837'N;-105°03.65'W	09-Jul-11		CEH
<i>Neoligia tonsa</i>	LAKE: N.E. of Leadville, Hwy. #91nr mkr. 8, at FSR #134 pine/sage border at uv trap, 8pm- 12am, 10200' elev., San Isabel NF, 38°20.60'N;-106°13.375'W	26-Jul-11		CEH
<i>Selicanis cinereola</i>	EAGLE: 5 mi. E of Eagle, Hwy #6 roadside at mkr. #155 pine/rabbitbrush/sage assoc., taken at uv/mv trap, 6785' elev., 39°41.33'N;-106°44.88'W	26-Sep-11		CEH
<i>Selicanis cinereola</i>	BACA: Springfield, s. of town, Hwy. #287 at store lights Comanche Nat. Grassld., 4409' elev., 9:30 p.m., 37°23.10'N;-102°36.92'W	13-Oct-11		CEH
<i>Archanara alameda</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River taken at uv light trap, 39°45.644'N;-102°27.771'W (State Record)	04-Aug-10		SAJ
<i>Archanara oblonga</i>	EAGLE: 5 mi. E of Eagle, Hwy #6 roadside at mkr. #155 pine/rabbitbrush/sage assoc., taken at uv/mv trap, 6785' elev., 39°41.33'N;-106°44.88'W	26-Sep-11		CEH
<i>Amphipoea americana</i>	CUSTER: 2 mi. N. of Lake Isabel, Hwy. 165 beside mkr. 17, San Isabel NF, Wet Mtns., taken at uv trap, 8732' elev., aspen/pine/Gentian assoc., 39°59.837'N;-105°03.65'W	09-Jul-11		CEH
<i>Amphipoea americana</i>	LINCOLN: Brett Gray Ranch, taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W	22-Jul-11		SAJ
<i>Amphipoea americana</i>	JEFFERSON: SW of Littleton, West Deer Crk. Cyn. Rd, taken at uv trap nr. Heracium maximum, creekside along Deer Ck., 39°32.43'N;105°19.62'W	23-Aug-11	25-Aug-11	CEH
<i>Papaipema verona</i>	Jefferson: SW of Littleton, West Deer Crk. Cyn. Rd, taken at uv trap nr. Heracium maximum, creekside along Deer Ck., 39°32.43'N;105°19.62'W	23-Aug-11	25-Aug-11	CEH
<i>Hydraecia obliqua</i>	Jefferson: SW of Littleton, West Deer Crk. Cyn. Rd, taken at uv trap nr. Heracium maximum, creekside along Deer Ck., 39°32.43'N;105°19.62'W	23-Aug-11	24-Aug-11	CEH
<i>Hydraecia obliqua</i>	CHAFFEE: 8 mi E Buena Vista FR315 off Hwy285 Shields Gulch pinyon/juniper/sage habitat, San Isabel NF, 8671' elev. at mv trap, 38°50.39'N;-106°01.68'W	20-Sep-11		CEH
<i>Hydraecia obliqua</i>	RIO BLANCO: 24 mi N of Rifle 1.8 mi W of Hwy13 along CR #5 juniper/sage/oak assoc., at mv/uv trap at roadside switchback, 7500' elev., 39°49.67'N;-107°58.62'W	25-Sep-11		CEH
<i>Hydraecia obliqua</i>	Eagle: 5 mi. E of Eagle, Hwy #6 roadside at mkr. #155 pine/rabbitbrush/sage assoc., taken at uv/mv trap, 6785' elev., 39°41.33'N;-106°44.88'W	26-Sep-11		CEH
<i>Hydraecia obliqua</i>	EAGLE: 3 mi. W of Wolcott, s. off Hwy #6 nr. mkr. #158 rabbitbrush/sage/juniper assoc., taken at uv trap, 6900' elev., 39°42.56'N;-106°42.68'W	26-Sep-11		CEH
<i>Hydraecia obliqua</i>	Eagle: 3.5 mi W of Wolcott Bearden Rd at Hell's Pocket Rd rabbitbrush/sage/juniper assoc., taken at uv trap, 6959' elev., 39°42.29'N;-106°43.73'W	26-Sep-11		CEH
<i>Bellura densa</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W	04-Aug-10		SAJ
<i>Xylena cineritia</i>	Jefferson: Deer Creek Canyon, SW of Littleton, w. of Hogback riparian area along Deer Creek Canyon, 5930' elev., poplars/willow/gambel's oak, 39°33.07'N, -105°08.36'W	05-May-11	06-May-11	CEH
<i>Xylena curvimacula</i>	Jefferson: Deer Creek Canyon, SW of Littleton, w. of Hogback riparian area along Deer Creek Canyon, 5930' elev., poplars/willow/gambel's oak, 39°33.07'N, -105°08.36'W	05-May-11	06-May-11	CEH
<i>Xylena curvimacula</i>	Jefferson: SW of Littleton, West Deer Crk. Cyn. Rd, taken at bait trap, creekside along Deer Ck., 6500' elev., 39°32.43'N;-105°19.62'W	01-Oct-11	02-Oct-11	CEH

Xylena nupera	EAGLE: 5 mi. E of Eagle, Hwy #6 roadside at mkr. #155	26-Sep-11	CEH
pine/rabbitbrush/sage assoc., taken at uv/mv trap, 6785' elev., 39°41.33'N;-106°44.88'W			
Xylena thoracica	PARK: Fairplay along Hwy 285 N of jct of Hwy. 9	21-Sep-11	CEH
at gas station mv lights, 9950' elev., 39°13'02"N;105°59'34"W			
Homoglaea carbonaria	RIO BLANCO: 24 mi N of Rifle 1.8 mi W of Hwy13 along CR #5	25-Sep-11	CEH
juniper/sage/oak assoc., at mv/uv trap at roadside switchback, 7500' elev., 39°49.67'N;-107°58.62'W			
Litholomia napaea	JEFFERSON: Deer Creek Canyon, SW of Littleton, w. of Hogback	05-May-11	06-May-11
riparian area along Deer Creek Canyon, 5930' elev., poplars/willow/gambel's oak, 39°33.07'N, -105°08.36'W			
Litholomia napaea	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	29-May-11	BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N;-105°27.372'W			
Litholomia napaea	PARK : downtown Bailey, Hwy. #285/ Post Office lights	29-May-11	CEH
taken at uv & mv lights, 7950' elev., 39°24.38'N;-105°28.67'W			
Litholomia napaea	RIO BLANCO: 24 mi N of Rifle 1.8 mi W of Hwy13 along CR #5	25-Sep-11	CEH
juniper/sage/oak assoc., at mv/uv trap at roadside switchback, 7500' elev., 39°49.67'N;-107°58.62'W			
Litholomia napaea	EAGLE: 5 mi. E of Eagle, Hwy #6 roadside at mkr. #155	26-Sep-11	CEH
pine/rabbitbrush/sage assoc., taken at uv/mv trap, 6785' elev., 39°41.33'N;-106°44.88'W			
Lithophane amanda	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	07-May-11	BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N;-105°27.372'W			
Lithophane georgii	JEFFERSON: Deer Creek Canyon, SW of Littleton, w. of Hogback	05-May-11	06-May-11
riparian area along Deer Creek Canyon, 5930' elev., poplars/willow/gambel's oak, 39°33.07'N, -105°08.36'W			
Lithophane georgii	PARK : downtown Bailey, Hwy. #285/ Post Office lights	02-Jun-11	CEH
taken at uv & mv lights, 7950' elev., 39°24.38'N;-105°28.67'W			
Lithophane georgii	RIO BLANCO: 24 mi N of Rifle 1.8 mi W of Hwy13 along CR #5	25-Sep-11	CEH
juniper/sage/oak assoc., at mv/uv trap at roadside switchback, 7500' elev., 39°49.67'N;-107°58.62'W			
Lithophane georgii	Eagle: 5 mi. E of Eagle, Hwy #6 roadside at mkr. #155	26-Sep-11	CEH
pine/rabbitbrush/sage assoc., taken at uv/mv trap, 6785' elev., 39°41.33'N;-106°44.88'W			
Lithophane georgii	GARFIELD: 10 mi N. of Rifle, Hwy #13 roadside at mkr. #10	26-Sep-11	CEH
rabbitbrush/Atripex/sage assoc., 6500' elev., 39°38.48'N;-107°52.02'W			
Lithophane georgii	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	26-Sep-11	BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N;-105°27.372'W			
Lithophane georgii	EAGLE: 3.5 mi W of Wolcott Bearden Rd at Hell's Pocket Rd	26-Sep-11	CEH
rabbitbrush/sage/juniper assoc., taken at uv trap, 6959' elev., 39°42.29'N;-106°43.73'W			
Lithophane innominata	JEFFERSON: Deer Creek Canyon, SW of Littleton, w. of Hogback	05-May-11	06-May-11
riparian area along Deer Creek Canyon, 5930' elev., poplars/willow/gambel's oak, 39°33.07'N, -105°08.36'W			
Lithophane innominata	Jefferson: SW of Littleton, West Deer Crk. Cyn. Rd,	01-Oct-11	02-Oct-11
taken at bait trap, creekside along Deer Ck., 6500' elev., 39°32.43'N;-105°19.62'W			
Lithophane itata	RIO BLANCO: 24 mi N of Rifle 1.8 mi W of Hwy13 along CR #5	25-Sep-11	CEH
juniper/sage/oak assoc., at mv/uv trap at roadside switchback, 7500' elev., 39°49.67'N;-107°58.62'W			
Lithophane itata	Eagle: 5 mi. E of Eagle, Hwy #6 roadside at mkr. #155	26-Sep-11	CEH
pine/rabbitbrush/sage assoc., taken at uv/mv trap, 6785' elev., 39°41.33'N;-106°44.88'W			
Lithophane itata	EAGLE: 3.5 mi W of Wolcott Bearden Rd at Hell's Pocket Rd	26-Sep-11	CEH
rabbitbrush/sage/juniper assoc., taken at uv trap, 6959' elev., 39°42.29'N;-106°43.73'W			
Lithophane laticinerea	HUERFANO: Walsenburg, w. of Hwy160 CO St Vet Hospital	27-Apr-09	CEH
Colorado State Veteran's Hospital mv. lights, 6454' elev. 1 am			
Lithophane torrida	RIO BLANCO: 24 mi N of Rifle 1.8 mi W of Hwy13 along CR #5	25-Sep-11	CEH
juniper/sage/oak assoc., at mv/uv trap at roadside switchback, 7500' elev., 39°49.67'N;-107°58.62'W			
Epiglaea decliva	EAGLE: 2.5 mi. N. of Eagle, Eby Creek Road,	09-Sep-11	CEH
taken off roadside, uv trap, pinyon/juniper/sage, 7083' elev., 39°41.34'N;-106°49.99'W			
Eucirroedia pampina	GARFIELD: 15.3 mi N. of Rifle, Hwy #13 roadside nr. mkr. #15	25-Sep-11	CEH
rabbitbrush/oak/sage assoc., 6200' elev., 39°35.80'N;-107°52.48'W			
Eucirroedia pampina	RIO BLANCO: 24 mi N of Rifle 1.8 mi W of Hwy13 along CR #5	25-Sep-11	CEH
juniper/sage/oak assoc., at mv/uv trap at roadside switchback, 7500' elev., 39°49.67'N;-107°58.62'W			
Mesogona olivata	EAGLE: 2.5 mi. N. of Eagle, Eby Creek Road,	09-Sep-11	CEH
taken off roadside, uv trap, pinyon/juniper/sage, 7083' elev., 39°41.34'N;-106°49.99'W			
Mesogona olivata	RIO BLANCO: 24 mi N of Rifle 1.8 mi W of Hwy13 along CR #5	25-Sep-11	CEH
juniper/sage/oak assoc., at mv/uv trap at roadside switchback, 7500' elev., 39°49.67'N;-107°58.62'W			
Agrochola decipiens	RIO BLANCO: 24 mi N of Rifle 1.8 mi W of Hwy13 along CR #5	25-Sep-11	CEH
juniper/sage/oak assoc., at mv/uv trap at roadside switchback, 7500' elev., 39°49.67'N;-107°58.62'W			
Agrochola verberata	GARFIELD: 15.3 mi N. of Rifle, Hwy #13 roadside nr. mkr. #15	25-Sep-11	CEH
rabbitbrush/oak/sage assoc., 6200' elev., 39°35.80'N;-107°52.48'W			
Agrochola verberata	RIO BLANCO: 24 mi N of Rifle 1.8 mi W of Hwy13 along CR #5	25-Sep-11	CEH
juniper/sage/oak assoc., at mv/uv trap at roadside switchback, 7500' elev., 39°49.67'N;-107°58.62'W			
Agrochola verberata	EAGLE: 5 mi. E of Eagle, Hwy #6 roadside at mkr. #155	26-Sep-11	CEH
pine/rabbitbrush/sage assoc., taken at uv/mv trap, 6785' elev., 39°41.33'N;-106°44.88'W			
Hillia iris	CUSTER: 2 mi. N. of Lake Isabel, Hwy. 165 beside mkr. 17,	09-Jul-11	CEH
San Isabel NF, Wet Mtns., taken at uv trap, 8732' elev., aspen/pine/Gentian assoc., 39°59.837'N;-105°03.65'W			
Parastichtis suspecta	FREMONT: Cotopaxi, along Hwy 50, Arkansas River Canyon	10-Jul-11	CEH
taken at store mv lights, 6364' elev., 38°22.24'N;-105°41.33'W			

Epidemas cinera	EAGLE: 5 mi. E of Eagle, Hwy #6 roadside at mkr. #155	26-Sep-11		CEH
pine/rabbitbrush/sage assoc., taken at uv/mv trap, 6785' elev., 39°41.33'N;-106°44.88'W				
Andropolia contacta	PARK: Fairplay along Hwy 285 N of jct of Hwy. 9	21-Sep-11		CEH
at gas station mv lights, 9950' elev., 39°13'02"N;105°59'34"W				
Fishia discors	GARFIELD: 15.3 mi N. of Rifle, Hwy #13 roadside nr. mkr. #15	25-Sep-11		CEH
rabbitbrush/oak/sage assoc., 6200' elev., 39°35.80'N;-107°52.48'W				
Fishia discors	RIO BLANCO: 24 mi N of Rifle 1.8 mi W of Hwy13 along CR #5	25-Sep-11		CEH
juniper/sage/oak assoc., at mv/uv trap at roadside switchback, 7500' elev., 39°49.67'N;-107°58.62'W				
Fishia discors	Eagle: 5 mi. E of Eagle, Hwy #6 roadside at mkr. #155	26-Sep-11		CEH
pine/rabbitbrush/sage assoc., taken at uv/mv trap, 6785' elev., 39°41.33'N;-106°44.88'W				
Fishia discors	EAGLE: 3 mi. W of Wolcott, s. off Hwy #6 nr. mkr. #158	26-Sep-11		CEH
rabbitbrush/sage/juniper assoc., taken at uv trap, 6900' elev., 39°42.56'N;-106°42.68'W				
Fishia yosemitae	Chaffee: 8 mi E Buena Vista FR315 off Hwy285 Shields Gulch	20-Sep-11		CEH
pinyon/juniper/sage habitat, San Isabel NF, 8671' elev. at mv trap, 38°50.39'N;-106°01.68'W				
Fishia yosemitae	GARFIELD: 15.3 mi N. of Rifle, Hwy #13 roadside nr. mkr. #15	25-Sep-11		CEH
rabbitbrush/oak/sage assoc., 6200' elev., 39°35.80'N;-107°52.48'W				
Fishia yosemitae	RIO BLANCO: 24 mi N of Rifle 1.8 mi W of Hwy13 along CR #5	25-Sep-11		CEH
juniper/sage/oak assoc., at mv/uv trap at roadside switchback, 7500' elev., 39°49.67'N;-107°58.62'W				
Fishia yosemitae	EAGLE: 5 mi. E of Eagle, Hwy #6 roadside at mkr. #155	26-Sep-11		CEH
pine/rabbitbrush/sage assoc., taken at uv/mv trap, 6785' elev., 39°41.33'N;-106°44.88'W				
Platypolia anceps	JEFFERSON: SW of Littleton, West Deer Crk. Cyn. Rd,	01-Oct-11	02-Oct-11	CEH
taken at bait trap, creekside along Deer Ck., 6500' elev., 39°32.43'N;-105°19.62'W				
Stretchia muricina	PARK : downtown Bailey, Hwy. #285/ Post Office lights	02-Jun-11	04-Jun-11	CEH
taken at uv & mv lights, 7950' elev., 39°24.38'N;-105°28.67'W				
Egira crucialis	Jefferson: Deer Creek Canyon, SW of Littleton, w. of Hogback	05-May-11	06-May-11	CEH
riparian area along Deer Creek Canyon, 5930' elev., poplars/willow/gambel's oak, 39°33.07'N, -105°08.36'W				
Egira perlubens	Jefferson: Deer Creek Canyon, SW of Littleton, w. of Hogback	05-May-11	06-May-11	CEH
riparian area along Deer Creek Canyon, 5930' elev., poplars/willow/gambel's oak, 39°33.07'N, -105°08.36'W				
Tholera americana	EAGLE: Gypsum, between Hwy. 6 and I-70, exit #140	09-Sep-11		CEH
taken at store lights, 6312' elev., 39°38.90'N;-106°57.15'W				
Nephelodes carminata	GUNNISON: Gunnison, Hwy. 50 at CR 13,	22-Jul-11		CEH
pine/juniper/sage, taken at gas station lights, 7700' elev., Gunnison NF, 38°32.72'N;-106°55.92'W				
Nephelodes carminata	RIO BLANCO: Meeker, Hwy 13 e. end of town	26-Sep-11		CEH
big sage/ juniper assoc., at gas station lights, 6175' elev., 40°02.24'N;-107°54.39'W				
Nephelodes minians	GUNNISON: W of Buena Vista 1.1 mi NW of Cottonwood Pass	19-Aug-11	20-Aug-11	H-H
edge of cul-de-sac, uv/mv trap, 11900' elev., Collegiate Peaks Wilderness, 38°50.86'N;-106°24.78'W				
Anarta crotchii	JEFFERSON: Pine Junction, off Hwy. #285 on Mt. Evans road	29-May-11		CEH
at post office mv lights, 8455' elev., 39°27'59"N;105°23'41"W				
Anarta crotchii	PARK : downtown Bailey, Hwy. #285/ Post Office lights	04-Jun-11		CEH
taken at uv & mv lights, 7950' elev., 39°24.38'N;-105°28.67'W				
Anarta crotchii	Park: Fairplay along Hwy 285 N of jct of Hwy. 9	12-Jun-11		CEH
at gas station mv lights, 9950' elev., 39°13'02"N;105°59'34"W				
Anarta farnhami	Park: Fairplay along Hwy 285 N of jct of Hwy. 9	29-Jun-11		CEH
at gas station mv lights, 9950' elev., 39°13'02"N;105°59'34"W				
Anarta farnhami	Park : 1 mi. N. of Kenosha Pass, Hwy285 mkr204 Pike NF	02-Jul-11		CEH
taken at uv trap, 9959' elev., wet open meadow, 39°25.15'N;-105°45.88'W				
Anarta farnhami	JEFFERSON: Pine Junction, off Hwy. #285 on Mt. Evans road	07-Jul-11		CEH
at post office mv lights, 8455' elev., 39°27'59"N;105°23'41"W				
Anarta farnhami	CUSTER: 2 mi. N. of Lake Isabel, Hwy. 165 beside mkr. 17,	09-Jul-11		CEH
San Isabel NF, Wet Mtns., taken at uv trap, 8732' elev., aspen/pine/Gentian assoc., 39°59.837'N;-105°03.65'W				
Anarta farnhami	CHAFFEE: Monarch Pass, Monarch Crest Lodge, Hwy. 50	21-Jul-11	22-Jul-11	CEH
spruce/fir, taken at building lights, 11312' elev., San Isabel NF, 38°29.800'N;-106°19.53'W				
Anarta farnhami	Lake: N.E. of Leadville, Hwy. #91nr mkr. 8, at FSR #134	26-Jul-11		CEH
pine/sage border at uv trap, 8pm- 12am, 10200' elev., San Isabel NF, 38°20.60'N;-106°13.375'W				
Anarta farnhami	Gunnison: W of Buena Vista, 1.4 mi W of Cottonwood Pass	06-Aug-11		CEH
along alpine trails at uv trap, 8-11pm, 11800' elev., Collegiate Peaks Wilderness, 38°50.62'N;-106°24.93'W				
Anarta farnhami	GUNNISON: W. of Buena Vista .8 mi W of Cottonwood Pass	06-Aug-11		CEH
base of scree field at uv trap, 9-11:30pm, 11900' elev., Collegiate Peaks Wilderness, 38°50.73'N;-106°24.71'W				
Anarta oregonica	PARK: Fairplay along Hwy 285 N of jct of Hwy. 9	29-Jun-11		CEH
at gas station mv lights, 9950' elev., 39°13'02"N;105°59'34"W				
Anarta oregonica	Park : Kenosha Pass, Hwy. 285 at mkr. #203, Pike NF,	02-Jul-11		CEH
taken at uv trap, 9995' elev., apen/pine/fir assoc., 39°24.54'N;-105°45.36'W				
Anarta oregonica	CHAFFEE: W of Buena Vista 4mi E below Cottonwood Pass	22-Jul-11		CEH
along alpine trail at uv trap, 8-11pm, 11900' elev., Collegiate Peaks Wilderness, 38°49.46'W;-106°25.21'W				
Anarta oregonica	Lake: N.E. of Leadville, Hwy. #91nr mkr. 8, at FSR #134	26-Jul-11		CEH
pine/sage border at uv trap, 8pm- 12am, 10200' elev., San Isabel NF, 38°20.60'N;-106°13.375'W				
Anarta oregonica	GUNNISON: W of Buena Vista, 1.4 mi W of Cottonwood Pass	06-Aug-11		CEH
along alpine trails at uv trap, 8-11pm, 11800' elev., Collegiate Peaks Wilderness, 38°50.62'N;-106°24.93'W				

Anarta trifolii	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W				
Anarta trifolii	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				
Trudestra hadeniformis	Park : Kenosha Pass, Hwy. 285 at mkr. #203, Pike NF,	02-Jul-11	06-Jul-11	CEH
taken at uv trap, 9995' elev., aspen/pine/fir assoc., 39°24.54'N;-105°45.36'W				
Trudestra hadeniformis	Saguache: Sargents, Hwy. 50 at CR 31,	22-Jul-11		CEH
pine/spruce, taken at gas station lights, 8400' elev., Gunnison NF, 38°24.38'N;-106°24.99'W				
Trudestra hadeniformis	Lake: N.E. of Leadville, Hwy. #91nr mkr. 8, at FSR #134	26-Jul-11		CEH
pine/sage border at uv trap, 8pm- 12am, 10200' elev., San Isabel NF, 38°20.60'N;-106°13.375'W				
Sideridis maryx	Park : downtown Bailey, Hwy. #285/ Post Office lights	15-Jun-11	22-Jun-11	CEH
taken at uv & mv lights, 7950' elev., 39°24.38'N;-105°28.67'W				
Sideridis rosea	PARK : downtown Bailey, Hwy. #285/ Post Office lights	15-Jun-11	22-Jun-11	CEH
taken at uv & mv lights, 7950' elev., 39°24.38'N;-105°28.67'W				
Sideridis rosea	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	29-Jun-11		BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N;-105°27.372'W				
Sideridis uscripta	Park: Fairplay along Hwy 285 N of jct of Hwy. 9	29-Jun-11		CEH
at gas station mv lights, 9950' elev., 39°13'02"N;105°59'34"W				
Sideridis uscripta	PARK : Kenosha Pass, Hwy. 285 at mkr. #203, Pike NF,	02-Jul-11		CEH
taken at uv trap, 9995' elev., aspen/pine/fir assoc., 39°24.54'N;-105°45.36'W				
Admetovis oxymorus	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	13-Jun-11		BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N;-105°27.372'W				
Admetovis oxymorus	CHAFFEE: W of Buena Vista 4mi E below Cottonwood Pass	22-Jul-11		CEH
along alpine trail at uv trap, 8-11pm, 11900' elev., Collegiate Peaks Wilderness, 38°49.46'W;-106°25.21'W				
Admetovis oxymorus	Chaffee: W of Buena Vista 2.1 mi E below Cottonwood Pass	22-Jul-11		CEH
wet meadow/spruce, taken at mv/uv trap, 8-11pm, 11500' elev., Collegiate Peaks Wilderness, 38°48.43'N;-106°23.26'W				
Mamestra configurata	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				
Polia delecta	CHAFFEE: 2 mi S of Poncha Springs Ftg Rd Hwy 285 mkr124	21-Jul-11	22-Jul-11	CEH
oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF, 38°28.60'N;-106°05.26'W				
Polia rogenhoferi	GUNNISON: W of Buena Vista, 1.4 mi W of Cottonwood Pass	22-Jul-11		CEH
along alpine trails at uv trap, 8-11pm, 11800' elev., Collegiate Peaks Wilderness, 38°50.62'N;-106°24.93'W				
Polia rogenhoferi	CHAFFEE: W of Buena Vista 4mi E below Cottonwood Pass	06-Aug-11		CEH
along alpine trail at uv trap, 8-11pm, 11900' elev., Collegiate Peaks Wilderness, 38°49.46'W;-106°24.21'W				
Melanchra picta	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				
Melanchra pulverulenta	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	02-Jul-11		BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N;-105°27.372'W				
Lacanobia nevadae	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	28-Jun-11	20-Jul-11	BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N;-105°27.372'W				
Lacanobia subjuncta	PARK : downtown Bailey, Hwy. #285/ Post Office lights	07-Jul-11		CEH
taken at uv & mv lights, 7950' elev., 39°24.38'N;-105°28.67'W				
Lacanobia subjuncta	CHAFFEE: 2 mi S of Poncha Springs Ftg Rd Hwy 285 mkr124	21-Jul-11	22-Jul-11	CEH
oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF, 38°28.60'N;-106°05.26'W				
Lacanobia subjuncta	Chaffee: W of Buena Vista 4mi E below Cottonwood Pass	22-Jul-11		CEH
along alpine trail at uv trap, 8-11pm, 11900' elev., Collegiate Peaks Wilderness, 38°49.46'W;-106°25.21'W				
Trichordestra legitima	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W				
Trichordestra legitima	PARK: 1.5 mi. S of Grant, Hwy. #285 mkr. 210,	03-Jul-11		CEH
taken at uv trap, 9300' elev., aspen/pine habitat, 39°27.59'N;-105°41.847'W				
Trichordestra tacoma	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W				
Papestra quadrata	PARK : Kenosha Pass, Hwy. 285 at mkr. #203, Pike NF,	02-Jul-11		CEH
taken at uv trap, 9995' elev., aspen/pine/fir assoc., 39°24.54'N;-105°45.36'W				
Papestra quadrata	CHAFFEE: Monarch Pass, Monarch Crest Lodge, Hwy. 50	21-Jul-11	22-Jul-11	CEH
spruce/fir, taken at building lights, 11312' elev., San Isabel NF, 38°29.800'N;-106°19.53'W				
Papestra quadrata	GUNNISON: W of Buena Vista, 1.4 mi W of Cottonwood Pass	22-Jul-11		CEH
along alpine trails at uv trap, 8-11pm, 11800' elev., Collegiate Peaks Wilderness, 38°50.62'N;-106°24.93'W				
Hadena ectrapela	CHAFFEE: Monarch Pass, Monarch Crest Lodge, Hwy. 50	21-Jul-11	22-Jul-11	CEH
spruce/fir, taken at building lights, 11312' elev., San Isabel NF, 38°29.800'N;-106°19.53'W				
Hadena ectrapela	Chaffee: W of Buena Vista 4mi E below Cottonwood Pass	22-Jul-11		CEH
along alpine trail at uv trap, 8-11pm, 11900' elev., Collegiate Peaks Wilderness, 38°49.46'W;-106°25.21'W				
Hadena variolata	PARK : 1 mi. N. of Kenosha Pass, Hwy285 mkr204 Pike NF	02-Jul-11		CEH
taken at uv trap, 9959' elev., wet open meadow, 39°25.15'N;-105°45.88'W				
Hada sutrina	PARK : 1 mi. N. of Kenosha Pass, Hwy285 mkr204 Pike NF	02-Jul-11		CEH
taken at uv trap, 9959' elev., wet open meadow, 39°25.15'N;-105°45.88'W				
Hada sutrina	CHAFFEE: W of Buena Vista 2.1 mi E below Cottonwood Pass	22-Jul-11		CEH
wet meadow/spruce, taken at mv/uv trap, 8-11pm, 11500' elev., Collegiate Peaks Wilderness, 38°48.43'N;-106°23.26'W				

Hada sutrina	Gunnison: W of Buena Vista, 1.4 mi W of Cottonwood Pass	22-Jul-11		CEH
along alpine trails at uv trap, 8-11pm, 11800' elev., Collegiate Peaks Wilderness, 38°50.62'N;-106°24.93'W				
Hada sutrina	Lake: NE of Leadville Hwy91 nr mkr 8 at FSR134	26-Jul-11		CEH
pine/sage border at uv trap, 8pm- 12am, 10200' elev., San Isabel NF, 38°20.60'N;-106°13.375'W				
Hada sutrina	GUNNISON: W. of Buena Vista .8 mi W of Cottonwood Pass	06-Aug-11		CEH
base of scree field at uv trap, 9-11:30pm, 11900' elev., Collegiate Peaks Wilderness, 38°50.73'N;-106°24.71'W				
Faronta diffusa	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W				
Faronta tetera	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W				
Mythimna oxygala	Custer: 2 mi. N. of Lake Isabel, Hwy. 165 beside mkr. 17, San Isabel NF, Wet Mtns., taken at uv trap, 8732' elev., aspen/pine/Gentian assoc., 39°59.837'N;-105°03.65'W	09-Jul-11		CEH
Mythimna unipuncta	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W				
Leucania commoides	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W				
Leucania insueta	PARK : downtown Bailey, Hwy. #285/ Post Office lights	15-Jun-11		CEH
taken at uv & mv lights, 7950' elev., 39°24.38'N;-105°28.67'W				
Leucania insueta	Park : Kenosha Pass, Hwy. 285 at mkr. #203, Pike NF,	06-Jul-11	18-Jul-10	CEH
taken at uv trap, 9995' elev., apen/pine/fir assoc., 39°24.54'N;-105°45.36'W				
Lasionycta benjamini	PARK : downtown Bailey, Hwy. #285/ Post Office lights	11-Jun-11	12-Jun-11	CEH
taken at uv & mv lights, 7950' elev., 39°24.38'N;-105°28.67'W				
Lasionycta benjamini	CHAFFEE: W of Buena Vista 2.1 mi E below Cottonwood Pass	22-Jul-11		CEH
wet meadow/spruce, taken at mv/uv trap, 8-11pm, 11500' elev., Collegiate Peaks Wilderness, 38°48.43'N;-106°23.26'W				
Lasionycta benjamini	GUNNISON: W of Buena Vista, 1.4 mi W of Cottonwood Pass	22-Jul-11		CEH
along alpine trails at uv trap, 8-11pm, 11800' elev., Collegiate Peaks Wilderness, 38°50.62'N;-106°24.93'W				
Lasionycta conjugata	CHAFFEE: Monarch Pass, Monarch Crest Lodge, Hwy. 50	21-Jul-11	22-Jul-11	CEH
spruce/fir, taken at building lights, 11312' elev., San Isabel NF, 38°29.800'N;-106°19.53'W				
Lasionycta conjugata	Chaffee: W of Buena Vista 2.1 mi E below Cottonwood Pass	22-Jul-11		CEH
wet meadow/spruce, taken at mv/uv trap, 8-11pm, 11500' elev., Collegiate Peaks Wilderness, 38°48.43'N;-106°23.26'W				
Lasionycta conjugata	LAKE: NE of Leadville Hwy91 nr mkr 8 at FSR134	26-Jul-11		CEH
pine/sage border at uv trap, 8pm- 12am, 10200' elev., San Isabel NF, 38°20.60'N;-106°13.375'W				
Lasionycta conjugata	GUNNISON: W of Buena Vista, 1.4 mi W of Cottonwood Pass	06-Aug-11		CEH
along alpine trails at uv trap, 8-11pm, 11800' elev., Collegiate Peaks Wilderness, 38°50.62'N;-106°24.93'W				
Lasionycta curta	CHAFFEE: W of Buena Vista 4mi E below Cottonwood Pass	22-Jul-11		CEH
along alpine trail at uv trap, 8-11pm, 11900' elev., Collegiate Peaks Wilderness, 38°49.46'W;-106°25.21'W				
Lasionycta curta	Gunnison: W of Buena Vista, 1.4 mi W of Cottonwood Pass	06-Aug-11		CEH
along alpine trails at uv trap, 8-11pm, 11800' elev., Collegiate Peaks Wilderness, 38°50.62'N;-106°24.93'W				
Lasionycta curta	Gunnison: W. of Buena Vista .8 mi W of Cottonwood Pass	06-Aug-11		CEH
base of scree field at uv trap, 9-11:30pm, 11900' elev., Collegiate Peaks Wilderness, 38°50.73'N;-106°24.71'W				
Lasionycta discolor	CHAFFEE: W of Buena Vista 4mi E below Cottonwood Pass	22-Jul-11		CEH
along alpine trail at uv trap, 8-11pm, 11900' elev., Collegiate Peaks Wilderness, 38°49.46'W;-106°25.21'W				
Lasionycta discolor	GUNNISON: W of Buena Vista, 1.4 mi W of Cottonwood Pass	22-Jul-11	06-Aug-11	CEH
along alpine trails at uv trap, 8-11pm, 11800' elev., Collegiate Peaks Wilderness, 38°50.62'N;-106°24.93'W				
Lasionycta discolor	Chaffee: W of Buena Vista 2.1 mi E below Cottonwood Pass	22-Jul-11		CEH
wet meadow/spruce, taken at mv/uv trap, 8-11pm, 11500' elev., Collegiate Peaks Wilderness, 38°48.43'N;-106°23.26'W				
Lasionycta perplexa	Park : Kenosha Pass, Hwy. 285 at mkr. #203, Pike NF,	28-Jun-11	18-Jul-10	CEH
taken at uv trap, 9995' elev., apen/pine/fir assoc., 39°24.54'N;-105°45.36'W				
Lasionycta perplexa	CUSTER: 2 mi. N. of Lake Isabel, Hwy. 165 beside mkr. 17, San Isabel NF, Wet Mtns., taken at uv trap, 8732' elev., aspen/pine/Gentian assoc., 39°59.837'N;-105°03.65'W	09-Jul-11		CEH
Lasionycta perplexa	GUNNISON: W of Buena Vista, 1.4 mi W of Cottonwood Pass	22-Jul-11		CEH
along alpine trails at uv trap, 8-11pm, 11800' elev., Collegiate Peaks Wilderness, 38°50.62'N;-106°24.93'W				
Lasionycta perplexa	CHAFFEE: W of Buena Vista 4mi E below Cottonwood Pass	22-Jul-11		CEH
along alpine trail at uv trap, 8-11pm, 11900' elev., Collegiate Peaks Wilderness, 38°49.46'W;-106°25.21'W				
Lasionycta perplexa	LAKE: NE of Leadville Hwy91 nr mkr 8 at FSR134	26-Jul-11		CEH
pine/sage border at uv trap, 8pm- 12am, 10200' elev., San Isabel NF, 38°20.60'N;-106°13.375'W				
Lasionycta promulsa	CHAFFEE: Monarch Pass, Monarch Crest Lodge, Hwy. 50	21-Jul-11	22-Jul-11	CEH
spruce/fir, taken at building lights, 11312' elev., San Isabel NF, 38°29.800'N;-106°19.53'W				
Lasionycta promulsa	Chaffee: W of Buena Vista 4mi E below Cottonwood Pass	22-Jul-11		CEH
along alpine trail at uv trap, 8-11pm, 11900' elev., Collegiate Peaks Wilderness, 38°49.46'W;-106°25.21'W				
Lasionycta promulsa	GUNNISON: W of Buena Vista, 1.4 mi W of Cottonwood Pass	06-Aug-11		CEH
along alpine trails at uv trap, 8-11pm, 11800' elev., Collegiate Peaks Wilderness, 38°50.62'N;-106°24.93'W				
Lasionycta subfuscula	PARK : downtown Bailey, Hwy. #285/ Post Office lights	15-Jun-11		H/H
taken at uv & mv lights, 7950' elev., 39°24.38'N;-105°28.67'W				
Lasionycta subfuscula	Park: Fairplay along Hwy 285 N of jct of Hwy. 9	29-Jun-11		CEH
at gas station mv lights, 9950' elev., 39°13'02"N;105°59'34"W				
Lasionycta subfuscula	CHAFFEE: Monarch Pass, Monarch Crest Lodge, Hwy. 50	21-Jul-11	22-Jul-11	CEH
spruce/fir, taken at building lights, 11312' elev., San Isabel NF, 38°29.800'N;-106°19.53'W				

<i>Lasionycta subfuscula</i>	Chaffee: W of Buena Vista 1.4 mi w Cottonwood Pass SR 306 wet meadow/spruce, taken at mv/uv trap, 8-11pm, 11500' elev., Collegiate Peaks Wilderness, 38°48.43'N;-106°23.26'W	22-Jul-11		CEH
<i>Lasionycta subfuscula</i>	Chaffee: W of Buena Vista 4mi E below Cottonwood Pass along alpine trail at uv trap, 8-11pm, 11900' elev., Collegiate Peaks Wilderness, 38°49.46'W;-106°25.21'W	22-Jul-11		CEH
<i>Lasionycta subfuscula</i>	GUNNISON: W of Buena Vista, 1.4 mi W of Cottonwood Pass along alpine trails at uv trap, 8-11pm, 11800' elev., Collegiate Peaks Wilderness, 38°50.62'N;-106°24.93'W	22-Jul-11	06-Aug-11	CEH
<i>Lasionycta subfuscula</i>	LAKE: NE of Leadville Hwy91 nr mkr 8 at FSR134 pine/sage border at uv trap, 8pm- 12am, 10200' elev., San Isabel NF, 38°20.60'N;-106°13.375'W	26-Jul-11		CEH
<i>Lasionycta uniformis fusca</i>	CHAFFEE: Monarch Pass, Monarch Crest Lodge, Hwy. 50 spruce/fir, taken at building lights, 11312' elev., San Isabel NF, 38°29.800'N;-106°19.53'W	21-Jul-11	22-Jul-11	CEH
<i>Lasionycta uniformis fusca</i>	Chaffee: W of Buena Vista 1.4 mi w Cottonwood Pass SR 306 along alpine trail at uv trap, 8-11pm, 11900' elev., Collegiate Peaks Wilderness, 38°49.46'W;-106°25.21'W	22-Jul-11		CEH
<i>Lasionycta uniformis fusca</i>	GUNNISON: W of Buena Vista, 1.4 mi W of Cottonwood Pass along alpine trails at uv trap, 8-11pm, 11800' elev., Collegiate Peaks Wilderness, 38°50.62'N;-106°24.93'W	06-Aug-11		CEH
<i>Lacinipolia lepidula</i>	JEFFERSON: Pine Junction, off Hwy. #285 on Mt. Evans road at post office mv lights, 8455' elev., 39°27'59"N;105°23'41"W	29-May-11	02-Jun-11	CEH
<i>Lacinipolia lepidula</i>	PARK : downtown Bailey, Hwy. #285/ Post Office lights taken at uv & mv lights, 7950' elev., 39°24.38'N;-105°28.67'W	30-May-11	15-Jun-11	CEH
<i>Lacinipolia olivacea</i>	RIO BLANCO: Meeker, Hwy 13 e. end of town big sage/ juniper assoc., at gas station lights, 6175' elev., 40°02.24'N;-107°54.39'W	26-Sep-11		CEH
<i>Lacinipolia renigera</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W	04-Aug-10		SAJ
<i>Lacinipolia renigera</i>	LINCOLN: Brett Gray Ranch, taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W	22-Jul-11		SAJ
<i>Lacinipolia vicina</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W	04-Aug-10		SAJ
<i>Lacinipolia vicina</i>	LINCOLN: Brett Gray Ranch, taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W	22-Jul-11		SAJ
<i>Homorthodes reliqua</i>	JEFFERSON: Pine Junction, off Hwy. #285 on Mt. Evans road at post office mv lights, 8455' elev., 39°27'59"N;105°23'41"W	07-Jul-11		CEH
<i>Homorthodes reliqua</i>	PARK : downtown Bailey, Hwy. #285/ Post Office lights taken at uv & mv lights, 7950' elev., 39°24.38'N;-105°28.67'W	07-Jul-11		CEH
<i>Homorthodes reliqua</i>	CUSTER: 1 mi. N. of Lake Isabel, Hwy. 165 beside mkr. 18, San Isabel NF, Wet Mtns., taken at mv, 8732' elev., pine/fir assoc., 39°59.463'N;-105°03.32'W	09-Jul-11		CEH
<i>Protorthodes rufula</i>	PARK : downtown Bailey, Hwy. #285/ Post Office lights taken at uv & mv lights, 7950' elev., 39°24.38'N;-105°28.67'W	04-Jun-11		CEH
<i>Ulolonche disticha</i>	PARK : downtown Bailey, Hwy. #285/ Post Office lights taken at uv & mv lights, 7950' elev., 39°24.38'N;-105°28.67'W	15-Jun-11		H/H
<i>Ulolonche orbiculata</i>	PARK : Crow Hill, along Hwy. 285, gas station lights taken at uv & mv lights, 8374' elev., 39°23.178'N;-105°28.28'W	04-Jun-11		CEH
<i>Hexorthodes trifascia</i>	CUSTER: 1 mi. N. of Lake Isabel, Hwy. 165 beside mkr. 18, San Isabel NF, Wet Mtns., taken at mv, 8732' elev., pine/fir assoc., 39°59.463'N;-105°03.32'W	09-Jul-11		CEH
<i>Neleucania praegracilis</i>	LINCOLN: Brett Gray Ranch, taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W	22-Jul-11		SAJ
<i>Tricholita chipeta</i>	Huerfano: .5 mi W of Pryor- Rouse Rd nr RR tracks roadside taken at uv trap, w/rabbitbrush and juniper in sandy soils, 6368' elev., 37°30.889'N;-104°42.23'W	30-Aug-11		CEH
<i>Tricholita chipeta</i>	LAS ANIMAS: 5 mi. N. of Raton Pass Gallinas exit I-25, mkr 5 taken at mv/uv traps, along gravel frontage road, Robinia/oak/pinyon assoc., 6600' elev., 37°03.49'N;-104°31.38'W	30-Aug-11		CEH
<i>Tricholita chipeta</i>	Huerfano: Walsenburg, w. of Hwy160 CO St Vet Hospital taken at uv/mv lights, pinyon/oak/juniper assoc., 6454' elev., 37°36.03'N;104°49.92'W	31-Aug-11		CEH
<i>Hydroeciodes serrata</i>	Jefferson: SW of Littleton, West Deer Crk. Cyn. Rd, taken at uv trap nr. Heracium maximum, creekside along Deer Ck., 6500' elev., 39°32.43'N;105°19.62'W	24-Aug-11	25-Aug-11	CEH
<i>Hydroeciodes serrata</i>	LAS ANIMAS: 5 mi. N. of Raton Pass Gallinas exit I-25, mkr 5 taken at mv/uv traps, along gravel frontage road, Robinia/oak/pinyon assoc., 6600' elev., 37°03.49'N;-104°31.38'W	30-Aug-11		CEH
<i>Hydroeciodes serrata</i>	HUERFANO: .5 mi W of Pryor- Rouse Rd nr RR tracks roadside taken at uv trap, w/rabbitbrush and juniper in sandy soils, 6368' elev., 37°30.889'N;-104°42.23'W	30-Aug-11		CEH
<i>Peridroma saucia</i>	LINCOLN: Brett Gray Ranch, taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W	22-Jul-11		SAJ
<i>Peridroma saucia</i>	EAGLE: 5 mi. E of Eagle, Hwy #6 roadside at mkr. #155 pine/rabbitbrush/sage assoc., taken at uv/mv trap, 6785' elev., 39°41.33'N;-106°44.88'W	26-Sep-11		CEH
<i>Anicla exuberans</i>	LINCOLN: Brett Gray Ranch, taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W	22-Jul-11		SAJ
<i>Anicla illapsa</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River taken at uv light trap, 39°45.644'N;-102°27.771'W (State Record)	04-Aug-10		SAJ
<i>Anicla mus</i>	CHAFFEE: W of Buena Vista 4mi E below Cottonwood Pass along alpine trail at uv trap, 8-11pm, 11900' elev., Collegiate Peaks Wilderness, 38°49.46'W;-106°25.21'W	22-Jul-11		CEH
<i>Striacosta albicosta</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W	04-Aug-10		SAJ

<i>Striacosta albicosta</i>	LINCOLN: Brett Gray Ranch, taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W	22-Jul-11		SAJ
<i>Dichagyris grotei</i>	JEFFERSON: SW of Littleton, West Deer Crk. Cyn. Rd, taken at uv trap nr. <i>Heracium maximum</i> , creekside along Deer Ck., 6500' elev., 39°32.43'N;105°19.62'W	24-Aug-11	25-Aug-11	CEH
<i>Dichagyris grotei</i>	HUERFANO: .5 mi W of Pryor- Rouse Rd nr RR tracks roadside taken at uv trap, w/rabbitbrush and juniper in sandy soils, 6368' elev., 37°30.889'N;-104°42.23'W	30-Aug-11		CEH
<i>Richia chortalis</i>	LAS ANIMAS: 5 mi. N. of Raton Pass Gallinas exit I-25, mkr 5 taken at mv/uv traps, along gravel frontage road, Robinia/oak/pinyon assoc., 6600' elev., 37°03.49'N;-104°31.38'W	30-Aug-11		CEH
<i>Richia parentalis</i>	LAS ANIMAS: 5 mi. N. of Raton Pass Gallinas exit I-25, mkr 5 taken at mv/uv traps, along gravel frontage road, Robinia/oak/pinyon assoc., 6600' elev., 37°03.49'N;-104°31.38'W	30-Aug-11		CEH
<i>Richia parentalis</i>	HUERFANO: Walsenburg, w. of Hwy160 CO St Vet Hospital taken at uv/mv lights, pinyon/oak/juniper assoc., 6454' elev., 37°36.03'N;-104°49.92'W	31-Aug-11		CEH
<i>Richia parentalis</i>	EAGLE: Gypsum, between Hwy. 6 and I-70, exit #140 taken at store lights, 6312' elev., 39°38.90'N;-106°57.15'W	09-Sep-11		CEH
<i>Protogygia lagena</i>	CHAFFEE: 2 mi S of Poncha Springs Ftg Rd Hwy 285 mkr124 oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF, 38°28.60'N;-106°05.26'W	21-Jul-11	22-Jul-11	CEH
<i>Protogygia rufescens</i>	ALAMOSA: Mosca, Hwy. 17 at mv light,	25-Jun-11		VXA
<i>Euxoa adumbrata</i>	GUNNISON: W of Buena Vista 1.1 mi NW of Cottonwood Pass edge of cul-de-sac, uv/mv trap, 11900' elev., Collegiate Peaks Wilderness, 38°50.86'N;-106°24.78'W	19-Aug-11	20-Aug-11	H-H
<i>Euxoa antica</i>	Park : 1 mi. N. of Kenosha Pass, Hwy285 mkr204 Pike NF taken at uv trap, 9959' elev., wet open meadow, 39°25.15'N;-105°45.88'W	02-Jul-11		CEH
<i>Euxoa antica</i>	Park : Kenosha Pass, Hwy. 285 at mkr. #203, Pike NF, taken at uv trap, 9995' elev., apen/pine/fir assoc., 39°24.54'N;-105°45.36'W	02-Jul-11		CEH
<i>Euxoa antica</i>	Park : downtown Bailey, Hwy. #285/ Post Office lights taken at uv & mv lights, 7950' elev., 39°24.38'N;-105°28.67'W	07-Jul-11		CEH
<i>Euxoa antica</i>	CHAFFEE: 2 mi S of Poncha Springs Ftg Rd Hwy 285 mkr124 oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF, 38°28.60'N;-106°05.26'W	21-Jul-11	22-Jul-11	CEH
<i>Euxoa atomaris</i>	HUERFANO: .5 mi W of Pryor- Rouse Rd nr RR tracks roadside taken at uv trap, w/rabbitbrush and juniper in sandy soils, 6368' elev., 37°30.889'N;-104°42.23'W	30-Aug-11		CEH
<i>Euxoa atomaris</i>	EAGLE: 1 mi. N. of Eagle, Eby Creek Road, taken off roadside, uv trap, sage/rabbitbrush/juniper, 6745' elev., 39°40.09'N;-106°49.92'W	09-Sep-11		CEH
<i>Euxoa atristrigata</i>	Eagle: 3 mi. W of Wolcott, s. off Hwy #6 nr. mkr. #158 rabbitbrush/sage/juniper assoc., taken at uv trap, 6900' elev., 39°42.56'N;-106°42.68'W	26-Sep-11		CEH
<i>Euxoa auripennis</i>	GUNNISON: Gunnison, Hwy. 50 at CR 13, pine/juniper/sage, taken at gas station lights, 7700' elev., Gunnison NF, 38°32.72'N;-106°55.92'W	22-Jul-11		CEH
<i>Euxoa auripennis</i>	Chaffee: W of Buena Vista 4mi E below Cottonwood Pass along alpine trail at uv trap, 8-11pm, 11900' elev., Collegiate Peaks Wilderness, 38°49.46'W;-106°25.21'W	22-Jul-11		CEH
<i>Euxoa auxiliaris</i>	LINCOLN: Brett Gray Ranch, taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W	22-Jul-11		SAJ
<i>Euxoa basalis</i>	LINCOLN: Brett Gray Ranch, taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W	22-Jul-11		SAJ
<i>Euxoa basalis</i>	Park : Kenosha Pass E of Hwy285 along FR 126 Pike NF taken at mv/uv trap, 10060' elev., dry apen/pine assoc., 39°24.35'N;105°44.62'W	15-Aug-11		CEH
<i>Euxoa basalis</i>	GUNNISON: W of Buena Vista 1.1 mi NW of Cottonwood Pass edge of cul-de-sac, uv/mv trap, 11900' elev., Collegiate Peaks Wilderness, 38°50.86'N;-106°24.78'W	19-Aug-11	20-Aug-11	H-H
<i>Euxoa basalis</i>	Jefferson: SW of Littleton, West Deer Crk. Cyn. Rd, taken at uv trap nr. <i>Heracium maximum</i> , creekside along Deer Ck., 6500' elev., 39°32.43'N;105°19.62'W	24-Aug-11	25-Aug-11	CEH
<i>Euxoa bochus</i>	LINCOLN: Brett Gray Ranch, taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W	22-Jul-11		SAJ
<i>Euxoa brevipennis</i>	RIO BLANCO: 24 mi N of Rifle 1.8 mi W of Hwy13 along CR #5 juniper/sage/oak assoc., at mv/uv trap at roadside switchback, 7500' elev., 39°49.67'N;-107°58.62'W	25-Sep-11		CEH
<i>Euxoa brevipennis</i>	GARFIELD: 10 mi N. of Rifle, Hwy #13 roadside at mkr. #10 rabbitbrush/Atripex/sage assoc., 6500' elev., 39°38.48'N;-107°52.02'W	26-Sep-11		CEH
<i>Euxoa catenula</i>	EAGLE: 1 mi. N. of Eagle, Eby Creek Road, taken off roadside, uv trap, sage/rabbitbrush/juniper, 6745' elev., 39°40.09'N;-106°49.92'W	09-Sep-11		CEH
<i>Euxoa catenula</i>	Eagle: Gypsum, between Hwy. 6 and I-70, exit #140 taken at store lights, 6312' elev., 39°38.90'N;-106°57.15'W	09-Sep-11		CEH
<i>Euxoa catenula</i>	RIO BLANCO: 24 mi N of Rifle 1.8 mi W of Hwy13 along CR #5 juniper/sage/oak assoc., at mv/uv trap at roadside switchback, 7500' elev., 39°49.67'N;-107°58.62'W	25-Sep-11		CEH
<i>Euxoa choris</i>	Chaffee: W of Buena Vista 4mi E below Cottonwood Pass along alpine trail at uv trap, 8-11pm, 11900' elev., Collegiate Peaks Wilderness, 38°49.46'W;-106°24.21'W	06-Aug-11		CEH
<i>Euxoa choris</i>	GUNNISON: W of Buena Vista 1.1 mi NW of Cottonwood Pass edge of cul-de-sac, uv/mv trap, 11900' elev., Collegiate Peaks Wilderness, 38°50.86'N;-106°24.78'W	19-Aug-11	20-Aug-11	H-H
<i>Euxoa citricolor</i>	EAGLE: Gypsum, between Hwy. 6 and I-70, exit #140 taken at store lights, 6312' elev., 39°38.90'N;-106°57.15'W	09-Sep-11		CEH
<i>Euxoa comosa</i>	GUNNISON: W of Buena Vista 1.1 mi NW of Cottonwood Pass edge of cul-de-sac, uv/mv trap, 11900' elev., Collegiate Peaks Wilderness, 38°50.86'N;-106°24.78'W	19-Aug-11	20-Aug-11	H-H

Euxoa dargo	EAGLE: 5 mi. E of Eagle, Hwy #6 roadside at mkr. #155 pine/rabbitbrush/sage assoc., taken at uv/mv trap, 6785' elev., 39°41.33'N;-106°44.88'W	26-Sep-11	CEH
Euxoa declarata	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W	04-Aug-10	SAJ
Euxoa declarata	LINCOLN: Brett Gray Ranch, taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W	22-Jul-11	SAJ
Euxoa declarata	LAS ANIMAS: 5 mi. N. of Raton Pass Gallinas exit I-25, mkr 5 taken at mv/uv traps, along gravel frontage road, Robinia/oak/pinyon assoc., 6600' elev., 37°03.49'N;-104°31.38'W	30-Aug-11	CEH
Euxoa divergens	Park : Kenosha Pass, Hwy. 285 at mkr. #203, Pike NF, taken at uv trap, 9995' elev., apen/pine/fir assoc., 39°24.54'N;-105°45.36'W	02-Jul-11	CEH
Euxoa divergens	CUSTER: 2 mi. N. of Lake Isabel, Hwy. 165 beside mkr. 17, San Isabel NF, Wet Mtns., taken at uv trap, 8732' elev., aspen/pine/Gentian assoc., 39°59.837'N;-105°03.65'W	09-Jul-11	CEH
Euxoa divergens	LAKE: N.E. of Leadville, Hwy. #91nr mkr. 8, at FSR #134 pine/sage border at uv trap, 8pm- 12am, 10200' elev., San Isabel NF, 38°20.60'N;-106°13.375'W	26-Jul-11	CEH
Euxoa divergens	GUNNISON: W of Buena Vista, 1.4 mi W of Cottonwood Pass along alpine trails at uv trap, 8-11pm, 11800' elev., Collegiate Peaks Wilderness, 38°50.62'N;-106°24.93'W	06-Aug-11	CEH
Euxoa excogita	GUNNISON: W. of Buena Vista .8 mi W of Cottonwood Pass base of scree field at uv trap, 9-11:30pm, 11900' elev., Collegiate Peaks Wilderness, 38°50.73'N;-106°24.71'W	06-Aug-11	CEH
Euxoa flavidens	GUNNISON: W of Buena Vista, 1.4 mi W of Cottonwood Pass above alpine trail along hillside uv trap, 11800' elev., Collegiate Peaks Wilderness, 38°50.62'N;-106°24.93'W	19-Aug-11	20-Aug-11 H-H
Euxoa hollemani	RIO BLANCO: 24 mi N of Rifle 1.8 mi W of Hwy13 along CR #5 juniper/sage/oak assoc., at mv/uv trap at roadside switchback, 7500' elev., 39°49.67'N;-107°58.62'W	25-Sep-11	CEH
Euxoa hollemani	GARFIELD: 10 mi N. of Rifle, Hwy #13 roadside at mkr. #10 rabbitbrush/Atripex/sage assoc., 6500' elev., 39°38.48'N;-107°52.02'W	26-Sep-11	CEH
Euxoa hollemani	EAGLE: 5 mi. E of Eagle, Hwy #6 roadside at mkr. #155 pine/rabbitbrush/sage assoc., taken at uv/mv trap, 6785' elev., 39°41.33'N;-106°44.88'W	26-Sep-11	CEH
Euxoa idahoensis	LAKE: N.E. of Leadville, Hwy. #91nr mkr. 8, at FSR #134 pine/sage border at uv trap, 8pm- 12am, 10200' elev., San Isabel NF, 38°20.60'N;-106°13.375'W	26-Jul-11	CEH
Euxoa inconcinna	CUSTER: 2 mi. N. of Lake Isabel, Hwy. 165 beside mkr. 17, San Isabel NF, Wet Mtns., taken at uv trap, 8732' elev., aspen/pine/Gentian assoc., 39°59.837'N;-105°03.65'W	09-Jul-11	CEH
Euxoa inconcinna	CHAFFEE: W of Buena Vista 4mi E below Cottonwood Pass along alpine trail at uv trap, 8-11pm, 11900' elev., Collegiate Peaks Wilderness, 38°49.46'W;-106°24.21'W	06-Aug-11	CEH
Euxoa infracta	PARK : 1 mi. N. of Kenosha Pass, Hwy285 mkr204 Pike NF taken at uv trap, 9959' elev., wet open meadow, 39°25.15'N;-105°45.88'W	15-Aug-11	CEH
Euxoa infracta	GUNNISON: W of Buena Vista 1.1 mi NW of Cottonwood Pass edge of cul-de-sac, uv/mv trap, 11900' elev., Collegiate Peaks Wilderness, 38°50.86'N;-106°24.78'W	19-Aug-11	20-Aug-11 H-H
Euxoa lineifrons	Chaffee: 8 mi E Buena Vista FR315 off Hwy285 Shields Gulch pinyon/juniper/sage habitat, San Isabel NF, 8671' elev. at mv trap, 38°50.39'N;-106°01.68'W	20-Sep-11	CEH
Euxoa medialis	GARFIELD: 10 mi N. of Rifle, Hwy #13 roadside at mkr. #10 rabbitbrush/Atripex/sage assoc., 6500' elev., 39°38.48'N;-107°52.02'W	26-Sep-11	CEH
Euxoa medialis	EAGLE: 5 mi. E of Eagle, Hwy #6 roadside at mkr. #155 pine/rabbitbrush/sage assoc., taken at uv/mv trap, 6785' elev., 39°41.33'N;-106°44.88'W	26-Sep-11	CEH
Euxoa medialis	OTERO: along Hwy. #50 ene. of La Junta, Hadley Rest Area Comanche Nat. Grassld., 4620'elev., 9:30 p.m., 38°01.95'N;-103°22.96'W	13-Oct-11	CEH
Euxoa medialis	BACA: Springfield, s. of town, Hwy. #287 at store lights Comanche Nat. Grassld., 4409'elev., 9:30 p.m., 37°23.10'N;-102°36.92'W	13-Oct-11	CEH
Euxoa mimallonis	RIO BLANCO: 24 mi N of Rifle 1.8 mi W of Hwy13 along CR #5 juniper/sage/oak assoc., at mv/uv trap at roadside switchback, 7500' elev., 39°49.67'N;-107°58.62'W	25-Sep-11	CEH
Euxoa misturata	HUERFANO: .5 mi W of Pryor- Rouse Rd nr RR tracks roadside taken at uv trap, w/rabbitbrush and juniper in sandy soils, 6368' elev., 37°30.889'N;-104°42.23'W	30-Aug-11	CEH
Euxoa misturata	Eagle: Gypsum, between Hwy. 6 and I-70, exit #140 taken at store lights, 6312' elev., 39°38.90'N;-106°57.15'W	09-Sep-11	CEH
Euxoa misturata	Chaffee: 8 mi E Buena Vista FR315 off Hwy285 Shields Gulch pinyon/juniper/sage habitat, San Isabel NF, 8671' elev. at mv trap, 38°50.39'N;-106°01.68'W	20-Sep-11	CEH
Euxoa munis	PARK : Kenosha Pass E of Hwy285 along FR 126 Pike NF taken at mv/uv trap, 10060' elev., dry apen/pine assoc., 39°24.35'N;-105°44.62'W	15-Aug-11	CEH
Euxoa munis	GUNNISON: W of Buena Vista 1.1 mi NW of Cottonwood Pass edge of cul-de-sac, uv/mv trap, 11900' elev., Collegiate Peaks Wilderness, 38°50.86'N;-106°24.78'W	19-Aug-11	20-Aug-11 H-H
Euxoa nevada	RIO BLANCO: 24 mi N of Rifle 1.8 mi W of Hwy13 along CR #5 juniper/sage/oak assoc., at mv/uv trap at roadside switchback, 7500' elev., 39°49.67'N;-107°58.62'W	25-Sep-11	CEH
Euxoa niveilinea	CHAFFEE: 8 mi E Buena Vista FR315 off Hwy285 Shields Gulch pinyon/juniper/sage habitat, San Isabel NF, 8671' elev. at mv trap, 38°50.39'N;-106°01.68'W	20-Sep-11	CEH
Euxoa obeliscoides	LAS ANIMAS: 5 mi. N. of Raton Pass Gallinas exit I-25, mkr 5 taken at mv/uv traps, along gravel frontage road, Robinia/oak/pinyon assoc., 6600' elev., 37°03.49'N;-104°31.38'W	30-Aug-11	CEH
Euxoa ochrogaster	Chaffee: W of Buena Vista 4mi E below Cottonwood Pass along alpine trail at uv trap, 8-11pm, 11900' elev., Collegiate Peaks Wilderness, 38°49.46'W;-106°24.21'W	06-Aug-11	CEH
Euxoa ochrogaster	LAS ANIMAS: 5 mi. N. of Raton Pass Gallinas exit I-25, mkr 5 taken at mv/uv traps, along gravel frontage road, Robinia/oak/pinyon assoc., 6600' elev., 37°03.49'N;-104°31.38'W	30-Aug-11	CEH

<i>Euxoa olivia</i>	Eagle: 1 mi. N. of Eagle, Eby Creek Road, taken off roadside, uv trap, sage/rabbitbrush/juniper, 6745' elev., 39°40.09'N;-106°49.92'W	09-Sep-11		CEH
<i>Euxoa olivia</i>	RIO BLANCO: 24 mi N of Rifle 1.8 mi W of Hwy13 along CR #5 juniper/sage/oak assoc., at mv/uv trap at roadside switchback, 7500' elev., 39°49.67'N;-107°58.62'W	25-Sep-11		CEH
<i>Euxoa olivia</i>	Eagle: 5 mi. E of Eagle, Hwy #6 roadside at mkr. #155 pine/rabbitbrush/sage assoc., taken at uv/mv trap, 6785' elev., 39°41.33'N;-106°44.88'W	26-Sep-11		CEH
<i>Euxoa perolivalis</i>	PARK : Kenosha Pass, Hwy. 285 at mkr. #203, Pike NF, taken at uv trap, 9995' elev., apen/pine/fir assoc., 39°24.54'N;-105°45.36'W	02-Jul-11		CEH
<i>Euxoa plagigera</i>	RIO BLANCO: 24 mi N of Rifle 1.8 mi W of Hwy13 along CR #5 juniper/sage/oak assoc., at mv/uv trap at roadside switchback, 7500' elev., 39°49.67'N;-107°58.62'W	25-Sep-11		CEH
<i>Euxoa pluralis</i>	FREMONT: Cotopaxi, along Hwy 50, Arkansas River Canyon taken at store mv lights, 6364'elev., 38°22.24'N;-105°41.33'W	10-Jul-11		CEH
<i>Euxoa pluralis</i>	Chaffee: 2 mi S of Poncha Springs Ftg Rd Hwy 285 mkr124 oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF, 38°28.60'N;-106°05.26'W	21-Jul-11	22-Jul-11	CEH
<i>Euxoa pluralis</i>	SAGUACHE: Sargents, Hwy. 50 at CR 31, pine/spruce, taken at gas station lights, 8400' elev., Gunnison NF, 38°24.38'N;-106°24.99'W	22-Jul-11		CEH
<i>Euxoa pluralis</i>	GUNNISON: Gunnison, Hwy. 50 at CR 13, pine/juniper/sage, taken at gas station lights, 7700' elev., Gunnison NF, 38°32.72'N;-106°55.92'W	22-Jul-11		CEH
<i>Euxoa punctigera</i>	GUNNISON: W of Buena Vista 1.1 mi NW of Cottonwood Pass above alpine trail along hillside uv trap, 11800' elev., Collegiate Peaks Wilderness, 38°50.62'N;-106°24.93'W	19-Aug-11	20-Aug-11	H-H
<i>Euxoa quadridentata</i>	Chaffee: 8 mi E Buena Vista FR315 off Hwy285 Shields Gulch pinyon/juniper/sage habitat, San Isabel NF, 8671'elev. at mv trap, 38°50.39'N;-106°01.68'W	20-Sep-11		CEH
<i>Euxoa redimicula</i>	EAGLE: 5 mi. E of Eagle, Hwy #6 roadside at mkr. #155 pine/rabbitbrush/sage assoc., taken at uv/mv trap, 6785' elev., 39°41.33'N;-106°44.88'W	26-Sep-11		CEH
<i>Euxoa siccata</i>	GARFIELD: 10 mi N. of Rifle, Hwy #13 roadside at mkr. #10 rabbitbrush/Atripex/sage assoc., 6500' elev., 39°38.48'N;-107°52.02'W	26-Sep-11		CEH
<i>Euxoa silens</i>	RIO BLANCO: 24 mi N of Rifle 1.8 mi W of Hwy13 along CR #5 juniper/sage/oak assoc., at mv/uv trap at roadside switchback, 7500' elev., 39°49.67'N;-107°58.62'W	25-Sep-11		CEH
<i>Euxoa teleboa</i>	Chaffee: 8 mi E Buena Vista FR315 off Hwy285 Shields Gulch pinyon/juniper/sage habitat, San Isabel NF, 8671'elev. at mv trap, 38°50.39'N;-106°01.68'W	20-Sep-11		CEH
<i>Euxoa tristicula</i>	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N;-105°27.372'W	16-Jul-11		BKB
<i>Euxoa tristicula</i>	LINCOLN: Brett Gray Ranch, taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W	22-Jul-11		SAJ
<i>Euxoa tronellus</i>	GARFIELD: 10 mi N. of Rifle, Hwy #13 roadside at mkr. #10 rabbitbrush/Atripex/sage assoc., 6500' elev., 39°38.48'N;-107°52.02'W	26-Sep-11		CEH
<i>Euxoa vallis</i>	GUNNISON: W of Buena Vista, 1.4 mi W of Cottonwood Pass along alpine trails at uv trap, 8-11pm, 11800' elev., Collegiate Peaks Wilderness, 38°50.62'N;-106°24.93'W	22-Jul-11		CEH
<i>Euxoa vallis</i>	CHAFFEE: W of Buena Vista 4mi E below Cottonwood Pass along alpine trail at uv trap, 8-11pm, 11900' elev., Collegiate Peaks Wilderness, 38°49.46'W;-106°25.21'W	22-Jul-11		CEH
<i>Euxoa xasta</i>	GUNNISON: W of Buena Vista 1.1 mi NW of Cottonwood Pass edge of cul-de-sac, uv/mv trap, 11900' elev., Collegiate Peaks Wilderness, 38°50.86'N;-106°24.78'W	19-Aug-11	20-Aug-11	H-H
<i>Feltia jaculifera</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W	04-Aug-10		SAJ
<i>Feltia jaculifera</i>	LINCOLN: Brett Gray Ranch, taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W	22-Jul-11		SAJ
<i>Feltia mollis</i>	LAKE: N.E. of Leadville, Hwy. #91 at mkr. 7, pine/sage border at uv trap, 8pm- 12am, 10200' elev., San Isabel NF, 38°20.09'N;-106°13.26'W	26-Jul-11		CEH
<i>Agrotis ipsilon</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W	04-Aug-10		SAJ
<i>Agrotis orthogonia</i>	BACA: Springfield, s. of town, Hwy. #287 at store lights Comanche Nat. Grassld., 4409'elev., 9:30 p.m., 37°23.10'N;-102°36.92'W	13-Oct-11		CEH
<i>Agrotis vetusta</i>	BACA: Springfield, s. of town, Hwy. #287 at store lights Comanche Nat. Grassld., 4409'elev., 9:30 p.m., 37°23.10'N;-102°36.92'W	13-Oct-11		CEH
<i>Ochroleura implecta</i>	CUSTER: 2 mi. N. of Lake Isabel, Hwy. 165 beside mkr. 17, San Isabel NF, Wet Mtns., taken at uv trap, 8732' elev., aspen/pine/Gentian assoc., 39°59.837'N;-105°03.65'W	09-Jul-11		CEH
<i>Diarsia rosaria</i>	LAKE: 12 mi w of Leadville FR105 1.5 mi E Hagerman Pass spruce/fir in wet meadow, taken at uv trap, 8pm- 12am, 11200' elev., San Isabel NF, 39°15.93'N;-106°27.38'W	26-Jul-11		CEH
<i>Diarsia rosaria</i>	GUNNISON: W of Buena Vista 1.1 mi NW of Cottonwood Pass edge of cul-de-sac, uv/mv trap, 11900' elev., Collegiate Peaks Wilderness, 38°50.86'N;-106°24.78'W	19-Aug-11	20-Aug-11	H-H
<i>Paradiarsia littoralis</i>	Park : 1 mi. N. of Kenosha Pass, Hwy285 mkr204 Pike NF taken at uv trap, 9959' elev., wet open meadow, 39°25.15'N;-105°45.88'W	06-Jul-11		CEH
<i>Paradiarsia littoralis</i>	CUSTER: 1 mi. N. of Lake Isabel, Hwy. 165 beside mkr. 18, San Isabel NF, Wet Mtns., taken at mv, 8732' elev., pine/fir assoc., 39°59.463'N;-105°03.32'W	09-Jul-11		CEH
<i>Paradiarsia littoralis</i>	Chaffee: Monarch Pass, Monarch Crest Lodge, Hwy. 50 spruce/fir, taken at building lights, 11312' elev., San Isabel NF, 38°29.800'N;-106°19.53'W	21-Jul-11	22-Jul-11	CEH
<i>Paradiarsia littoralis</i>	Chaffee: W of Buena Vista 2.1 mi E below Cottonwood Pass wet meadow/spruce, taken at mv/uv trap, 8-11pm, 11500' elev., Collegiate Peaks Wilderness, 38°48.43'N;-106°23.26'W	22-Jul-11		CEH

Paradiarsia littoralis	LAKE: N.E. of Leadville, Hwy. #91nr mkr. 8, at FSR #134	26-Jul-11		CEH
pine/sage border at uv trap, 8pm- 12am, 10200' elev., San Isabel NF, 38°20.60'N;-106°13.375'W				
Rhyacia quadrangula	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	01-Sep-11		BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N;-105°27.372'W				
Chersotis juncta	SAGUACHE: Sargents, Hwy. 50 at CR 31,	22-Jul-11		CEH
pine/spruce, taken at gas station lights, 8400' elev., Gunnison NF, 38°24.38'N;-106°24.99'W				
Noctua pronuba	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W				
Noctua pronuba	CUSTER: 2 mi. N. of Lake Isabel, Hwy. 165 beside mkr. 17,	09-Jul-11		CEH
San Isabel NF, Wet Mtns., taken at uv trap, 8732' elev., aspen/pine/Gentian assoc., 39°59.837'N;-105°03.65'W				
Noctua pronuba	LAS ANIMAS: 5 mi. N. of Raton Pass Gallinas exit I-25, mkr 5	30-Aug-11		CEH
taken at mv/uv traps, along gravel frontage road, Robinia/oak/pinyon assoc., 6600' elev., 37°03.49'N;-104°31.38'W				
Noctua pronuba	DENVER: Denver Cherry Creek Univ. Ave at 2500 E 1st Ave	21-Sep-11		CEH
building lights, 5200' elev.,				
Noctua pronuba	Eagle: 3 mi. W of Wolcott, s. off Hwy #6 nr. mkr. #158	26-Sep-11		CEH
rabbitbrush/sage/juniper assoc., taken at uv trap, 6900' elev., 39°42.56'N;-106°42.68'W				
Noctua pronuba	Eagle: 3.5 mi W of Wolcott Bearden Rd at Hell's Pocket Rd	26-Sep-11		CEH
rabbitbrush/sage/juniper assoc., taken at uv trap, 6959' elev., 39°42.29'N;-106°43.73'W				
Spaelotis bicava	EAGLE: 5 mi. E of Eagle, Hwy #6 roadside at mkr. #155	26-Sep-11		CEH
pine/rabbitbrush/sage assoc., taken at uv/mv trap, 6785' elev., 39°41.33'N;-106°44.88'W				
Spaelotis clandestina	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				
Spaelotis velicava	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				
Eurois astricta	HUERFANO: Walsenburg W of town Hwy160 CO St Vet Hospital	31-Aug-11		CEH
taken at uv/mv lights, pinyon/oak/juniper assoc., 6454' elev., 37°36.03'N;-104°49.92'W				
Eurois nigra	Saguache: Sargents, Hwy. 50 at CR 31,	22-Jul-11		CEH
pine/spruce, taken at gas station lights, 8400' elev., Gunnison NF, 38°24.38'N;-106°24.99'W				
Eurois nigra	Lake: 12 mi w of Leadville FR105 1.5 mi E Hagerman Pass	26-Jul-11		CEH
spruce/fir in wet meadow, taken at uv trap, 8pm- 12am, 11200' elev., San Isabel NF, 39°15.93'N;-106°27.38'W				
Eurois nigra	Park : 1 mi. N. of Kenosha Pass, Hwy285 mkr204 Pike NF	15-Aug-11		CEH
taken at uv trap, 9959' elev., wet open meadow, 39°25.15'N;-105°45.88'W				
Eurois occulta	PARK : 1 mi. N. of Kenosha Pass, Hwy285 mkr204 Pike NF	02-Jul-11		CEH
taken at uv trap, 9959' elev., wet open meadow, 39°25.15'N;-105°45.88'W				
Eurois occulta	Chaffee: W of Buena Vista 2.1 mi E below Cottonwood Pass	22-Jul-11		CEH
wet meadow/spruce, taken at mv/uv trap, 8-11pm, 11500' elev., Collegiate Peaks Wilderness, 38°48.43'N;-106°23.26'W				
Eurois occulta	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				
Eurois occulta	LAS ANIMAS: 5 mi. N. of Raton Pass Gallinas exit I-25, mkr 5	30-Aug-11		CEH
taken at mv/uv traps, along gravel frontage road, Robinia/oak/pinyon assoc., 6600' elev., 37°03.49'N;-104°31.38'W				
Graphiphora augur	Park : 1 mi. N. of Kenosha Pass, Hwy285 mkr204 Pike NF	15-Aug-11		CEH
taken at uv trap, 9959' elev., wet open meadow, 39°25.15'N;-105°45.88'W				
Graphiphora augur	GUNNISON: W of Buena Vista 1.1 mi NW of Cottonwood Pass	19-Aug-11	20-Aug-11	H-H
edge of cul-de-sac, uv/mv trap, 11900' elev., Collegiate Peaks Wilderness, 38°50.86'N;-106°24.78'W				
Anaplectoides prasina	CUSTER: 1 mi. N. of Lake Isabel, Hwy. 165 beside mkr. 18,	09-Jul-11		CEH
San Isabel NF, Wet Mtns., taken at mv, 8732' elev., pine/fir assoc., 39°59.463'N;-105°03.32'W				
Anaplectoides pressus	CUSTER: 1 mi. N. of Lake Isabel, Hwy. 165 beside mkr. 18,	09-Jul-11		CEH
San Isabel NF, Wet Mtns., taken at mv, 8732' elev., pine/fir assoc., 39°59.463'N;-105°03.32'W				
Xestia bolteri	CUSTER: Lake Isabel, San Isabel NF	24-Jun-11		CEH
BAMONA website juried photo, contributor unknown				
Xestia bolteri	Park : 1 mi. N. of Kenosha Pass, Hwy285 mkr204 Pike NF	02-Jul-11		CEH
taken at uv trap, 9959' elev., wet open meadow, 39°25.15'N;-105°45.88'W				
Xestia bolteri	CUSTER: 1 mi. N. of Lake Isabel, Hwy. 165 beside mkr. 18,	09-Jul-11		CEH
San Isabel NF, Wet Mtns., taken at mv, 8732' elev., pine/fir assoc., 39°59.463'N;-105°03.32'W				
Xestia bolteri	Chaffee: 2 mi S of Poncha Springs Ftg Rd Hwy 285 mkr124	21-Jul-11	22-Jul-11	CEH
oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF, 38°28.60'N;-106°05.26'W				
Xestia conchis	CUSTER: 1 mi. N. of Lake Isabel, Hwy. 165 beside mkr. 18,	09-Jul-11		CEH
San Isabel NF, Wet Mtns., taken at mv, 8732' elev., pine/fir assoc., 39°59.463'N;-105°03.32'W				
Xestia fabulosa	CHAFFEE: Monarch Pass, Monarch Crest Lodge, Hwy. 50	21-Jul-11	22-Jul-11	CEH
spruce/fir, taken at building lights, 11312' elev., San Isabel NF, 38°29.800'N;-106°19.53'W				
Xestia fabulosa	Chaffee: W of Buena Vista 2.1 mi E below Cottonwood Pass	22-Jul-11		CEH
wet meadow/spruce, taken at mv/uv trap, 8-11pm, 11500' elev., Collegiate Peaks Wilderness, 38°48.43'N;-106°23.26'W				
Xestia imperita	Lake: N.E. of Leadville, Hwy. #91nr mkr. 8, at FSR #134	26-Jul-11		CEH
pine/sage border at uv trap, 8pm- 12am, 10200' elev., San Isabel NF, 38°20.60'N;-106°13.375'W				
Xestia imperita	LAKE: N.E. of Leadville, Hwy. #91 at mkr. 7,	26-Jul-11		CEH
pine/sage border at uv trap, 8pm- 12am, 10200' elev., San Isabel NF, 38°20.09'N;-106°13.26'W				
Xestia imperita	GUNNISON: W of Buena Vista 1.1 mi NW of Cottonwood Pass	19-Aug-11	20-Aug-11	H-H
edge of cul-de-sac, uv/mv trap, 11900' elev., Collegiate Peaks Wilderness, 38°50.86'N;-106°24.78'W				

<i>Xestia mustelina</i>	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	20-Jul-11		BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev., 39°50.473'N;-105°27.372'W				
<i>Xestia mustelina</i>	LAS ANIMAS: 5 mi. N. of Raton Pass Gallinas exit I-25, mkr 5	30-Aug-11		CEH
taken at mv/uv traps, along gravel frontage road, Robinia/oak/pinyon assoc., 6600' elev., 37°03.49'N;-104°31.38'W				
<i>Xestia mustelina</i>	PARK: Fairplay along Hwy 285 N of jct of Hwy. 9	21-Sep-11		CEH
at gas station mv lights, 9950' elev., 39°13'02"N;105°59'34"W				
<i>Xestia oblata</i>	Lake: N.E. of Leadville, Hwy. #91nr mkr. 8, at FSR #134	26-Jul-11		CEH
pine/sage border at uv trap, 8pm- 12am, 10200' elev., San Isabel NF, 38°20.60'N;-106°13.375'W				
<i>Xestia oblata</i>	Lake: 12 mi w of Leadville FR105 1.5 mi E Hagerman Pass	26-Jul-11		CEH
spruce/fir in wet meadow, taken at uv trap, 8pm- 12am, 11200' elev., San Isabel NF, 39°15.93'N;-106°27.38'W				
<i>Xestia oblata</i>	GUNNISON: W of Buena Vista, 1.4 mi W of Cottonwood Pass	06-Aug-11		CEH
along alpine trails at uv trap, 8-11pm, 11800' elev., Collegiate Peaks Wilderness, 38°50.62'N;-106°24.93'W				
<i>Xestia perqueritata</i>	CHAFFEE: W of Buena Vista 2.1 mi E below Cottonwood Pass	22-Jul-11		CEH
wet meadow/spruce, taken at mv/uv trap, 8-11pm, 11500' elev., Collegiate Peaks Wilderness, 38°48.43'N;-106°23.26'W				
<i>Xestia perqueritata</i>	Chaffee: W of Buena Vista 4mi E below Cottonwood Pass	06-Aug-11		CEH
along alpine trail at uv trap, 8-11pm, 11900' elev., Collegiate Peaks Wilderness, 38°49.46'W;-106°24.21'W				
<i>Xestia smithii</i>	JEFFERSON: SW of Littleton, West Deer Crk. Cyn. Rd,	24-Aug-11	25-Aug-11	CEH
taken at uv trap nr. Heracium maximum, creekside along Deer Ck., 6500' elev., 39°32.43'N;105°19.62'W				
<i>Xestia speciosa</i>	CHAFFEE: Monarch Pass, Monarch Crest Lodge, Hwy. 50	21-Jul-11	22-Jul-11	CEH
spruce/fir, taken at building lights, 11312' elev., San Isabel NF, 38°29.800'N;-106°19.53'W				
<i>Xestia speciosa</i>	Chaffee: W of Buena Vista 2.1 mi E below Cottonwood Pass	22-Jul-11		CEH
wet meadow/spruce, taken at mv/uv trap, 8-11pm, 11500' elev., Collegiate Peaks Wilderness, 38°48.43'N;-106°23.26'W				
<i>Xestia speciosa</i>	LAKE: N.E. of Leadville, Hwy. #91nr mkr. 8, at FSR #134	26-Jul-11		CEH
pine/sage border at uv trap, 8pm- 12am, 10200' elev., San Isabel NF, 38°20.60'N;-106°13.375'W				
<i>Xestia speciosa</i>	GUNNISON: W. of Buena Vista .8 mi W of Cottonwood Pass	06-Aug-11		CEH
base of scree field at uv trap, 9-11:30pm, 11900' elev., Collegiate Peaks Wilderness, 38°50.73'N;-106°24.71'W				
<i>Xestia speciosa</i>	Chaffee: W of Buena Vista 4mi E below Cottonwood Pass	06-Aug-11		CEH
along alpine trail at uv trap, 8-11pm, 11900' elev., Collegiate Peaks Wilderness, 38°49.46'W;-106°24.21'W				
<i>Xestia vernalis</i>	PARK : Kenosha Pass E of Hwy285 along FR 126 Pike NF	15-Aug-11		CEH
taken at mv/uv trap, 10060' elev., dry apen/pine assoc., 39°24.35'N;105°44.62'W				
<i>Xestia vernalis</i>	JEFFERSON: SW of Littleton, West Deer Crk. Cyn. Rd,	24-Aug-11	25-Aug-11	CEH
taken at uv trap nr. Heracium maximum, creekside along Deer Ck., 6500' elev., 39°32.43'N;105°19.62'W				
<i>Agnorisma bugrai</i>	Park : 1 mi. N. of Kenosha Pass, Hwy285 mkr204 Pike NF	15-Aug-11		CEH
taken at uv trap, 9959' elev., wet open meadow, 39°25.15'N;-105°45.88'W				
<i>Parabrotis exsertistigma</i>	GUNNISON: Gunnison, Hwy. 50 at CR 13,	22-Jul-11		CEH
pine/juniper/sage, taken at gas station lights, 7700' elev., Gunnison NF, 38°32.72'N;-106°55.92'W				
<i>Protolampra rufipectus</i>	EAGLE: 1 mi. N of Minturn Hwy 24 mkr144, Grouse Crk	23-Jul-10	24-Jul-10	CEH
taken at uv trap, 7985' elev., open meadow, 38°35.36'N;106°25.92'W				
<i>Protolampra rufipectus</i>	CHAFFEE: W of Buena Vista 4mi E below Cottonwood Pass	22-Jul-11		CEH
along alpine trail at uv trap, 8-11pm, 11900' elev., Collegiate Peaks Wilderness, 38°49.46'W;-106°25.21'W				
<i>Protolampra rufipectus</i>	GUNNISON: W of Buena Vista 1.1 mi NW of Cottonwood Pass	19-Aug-11	20-Aug-11	H-H
edge of cul-de-sac, uv/mv trap, 11900' elev., Collegiate Peaks Wilderness, 38°50.86'N;-106°24.78'W				
<i>Abagrotis mirabilis</i>	JEFFERSON: SW of Littleton, West Deer Crk. Cyn. Rd,	23-Aug-11	24-Aug-11	CEH
taken at uv trap nr. Heracium maximum, creekside along Deer Ck., 6500' elev., 39°32.43'N;-105°19.62'W				
<i>Abagrotis nanalis</i>	RIO BLANCO: 24 mi N of Rifle 1.8 mi W of Hwy13 along CR #5	25-Sep-11		CEH
juniper/sage/oak assoc., at mv/uv trap at roadside switchback, 7500' elev., 39°49.67'N;-107°58.62'W				
<i>Abagrotis scopeops</i>	PARK : Kenosha Pass E of Hwy285 along FR 126 Pike NF	15-Aug-11		CEH
taken at mv/uv trap, 10060' elev., dry apen/pine assoc., 39°24.35'N;-105°44.62'W				
<i>Abagrotis vittifrons</i>	HUERFANO: .5 mi W of Pryor- Rouse Rd nr RR tracks roadside	30-Aug-11		CEH
taken at uv trap, w/rabbitbrush and juniper in sandy soils, 6368' elev., 37°30.889'N;-104°42.23'W				
<i>Pronoctua craboi</i>	GUNNISON: W. of Buena Vista .8 mi W of Cottonwood Pass	06-Aug-11		CEH
base of scree field at uv trap, 9-11:30pm, 11900' elev., Collegiate Peaks Wilderness, 38°50.73'N;-106°24.71'W				

EREBIDAE

<i>Cisthene barnesii</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W				
<i>Cisthene barnesii</i>	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				
<i>Crambidia cephalica</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W				
<i>Holomelina fragilis</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W				
<i>Holomelina fragilis</i>	LINCOLN: Brett Gray Ranch,	22-Jul-11		SAJ
taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W				
<i>Grammia figurata</i>	GUNNISON: FR 712, 8 mi E. of Crawford	25-Jun-11		MG2
<i>Grammia f-pallida</i>	Custer: 14 mi. W of Wetmore FR 386	04-Jul-10		B/B
<i>Grammia virgo</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River	04-Aug-10		SAJ
taken at uv light trap, 39°45.644'N;-102°27.771'W (State Record)				

<i>Grammia virguncula</i>	SAGUACHE: Sargents, Hwy. 50 at CR 31, pine/spruce, taken at gas station lights, 8400' elev., Gunnison NF, 38°24.38'N;-106°24.99'W	22-Jul-11		CEH
<i>Apantesis phalerata</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W	04-Aug-10		SAJ
<i>Apantesis phalerata</i>	LINCOLN: Brett Gray Ranch, taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W	22-Jul-11		SAJ
<i>Parasemia plantaginis</i>	Las Animas: Pergatoire Rd N of Stonewall FR34 Swarming	05-Jul-10		B/B
<i>Parasemia plantaginis</i>	Custer: 7 mi. N of Lake Isabel Davenport CGD San Isabel NF BAMONA website juried photo, contributor unknown	24-Jun-11		CEH
<i>Arctia caja</i>	RIO BLANCO: Meeker, Hwy 13 e. end of town big sage/ juniper assoc., at gas station lights, 6175' elev., 40°02.24'N;-107°54.39'W	26-Sep-11		CEH
<i>Phragmatobia fuliginosa</i>	LINCOLN: Brett Gray Ranch, taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W	22-Jul-11		SAJ
<i>Pyrrharctia isabella</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W	04-Aug-10		SAJ
<i>Estigmene acrea</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W	04-Aug-10		SAJ
<i>Estigmene acrea</i>	LINCOLN: Brett Gray Ranch, taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W	22-Jul-11		SAJ
<i>Spilosoma virginica</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W	04-Aug-10		SAJ
<i>Hypercompe permaculata</i>	Custer: 14 mi. W of Wetmore FR 386	04-Jul-10		B/B
<i>Arachnis picta</i>	Custer: 14 mi. W of Wetmore FR 386	04-Jul-10		B/B
<i>Haploa reversa</i>	Pueblo: Pueblo, 20 mi. S. of town, taken at uv lights	17-Jul-10		DEB
<i>Cycnia oregonensis</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W	04-Aug-10		SAJ
<i>Ectypia clio</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W	04-Aug-10		SAJ
<i>Lophocampa maculata</i>	Custer: 14 mi. W of Wetmore FR 386	04-Jul-10		B/B
<i>Lophocampa maculata</i>	Custer: 1 mi. N. of Lake Isabel, Hwy. 165 besdie mkr. 18, San Isabel NF, Wet Mtns., taken at mv, 8732' elev., pine/fir assoc., 39°59.463'N;-105°03.32'W	09-Jul-11		CEH
<i>Lophocampa roseata</i>	PARK : Kenosha Pass, Hwy. 285 at mkr. #203, Pike NF, taken at uv trap, 9995' elev., apen/pine/fir assoc., 39°24.54'N;-105°45.36'W	02-Jul-11		CEH
<i>Bertholdia trigona</i>	Boulder: 6 mi. NW of Lyons, at 6500' elev., at building lights	03-Jul-11		GLM
<i>Ctenucha venosa</i>	CUSTER: 14 mi. W of Wetmore FR 386	04-Jul-10		B/B
<i>Cisseps fulvicollis</i>	LINCOLN: Brett Gray Ranch, taken at uv light trap, 3900' elev., 38°43.633'N;-103°53.569'W	22-Jul-11		SAJ
<i>Platarctia parthenos</i>	Las Animas: Pergatoire Rd N of Stonewall FR34	05-Jul-10		B/B
<i>Dasychira griseifacta</i>	JEFFERSON: Pine Junction, off Hwy. #285 on Mt. Evans road at post office mv lights, 8455' elev., 39°27'59"N;105°23'41"W	07-Jul-11		CEH
<i>Dasychira griseifacta</i>	PARK : downtown Bailey, Hwy. #285/ Post Office lights taken at uv & mv lights, 7950' elev., 39°24.38'N;-105°28.67'W	07-Jul-11		CEH
EUTELIIDAE				
<i>Marathyssa inficita</i>	YUMA: Fox Ranch, 16 km N.E. of Idalia, Arickaree River taken at uv light trap, 5200' elev., 39°45.644'N;-102°27.771'W	04-Aug-10		SAJ
METOPONIINAE				
<i>Tyta luctuosa</i>	DELTA: Hotchkiss, taken at uv lights, State Record for this introduced biological control of field bindweed (<i>Convolvulus arvensis</i>)	10-Aug-10	11-Aug-10	DEB

MONTANA

Steve Kohler presented a report including 52 county records for butterflies from three contributors. Bob Martin added 212 county records for moths from his home in Helena.

Butterflies

HESPERIIDAE

<i>Thorybes pylades</i>	SANDERS: near Noxon, McKay Cr.,	27-Jun-11		SJK
<i>Erynnis persius</i>	LINCOLN: Caribou Cmgd., Forest Road #92,	07-Jul-11		SJK
<i>Pyrgus centaureae</i>	MEAGHER: Loco Mtn., at 9200' elev., Crazy Mtns.,	04-Aug-11		SJK
<i>Pyrgus centaureae</i>	POWELL: SW of Deer Lodge, near summit of Mt. Powell,	09-Aug-11		SJK
<i>Pyrgus centaureae</i>	SWEET GRASS: East Boulder Plateau vic Chrome Mtn 9460 elv	17-Aug-11		SJK
<i>Pyrgus communis</i>	LINCOLN: SE of Libby, Fisher Cr. Rd.,	07-Jul-11		SJK
<i>Pyrgus communis</i>	Rosebud: 17 mi. S. of Ashland, Blacks Pond, photo documentation by Nancy Silver, sw 1/4 ne 1/4 sec. 1, R44E, T6S	15-Sep-11		CEH
<i>Carterocephalus palaemon</i>	STILLWATER: Benbow Road, near Dean	23-Jun-11		SJK
<i>Thymelicus lineola</i>	LINCOLN: NW of Eureka, Dancing Prairie, 2690' elev.,	06-Jul-11		SJK

Thymelicus lineola	CHOUTEAU: N Fk Highwood Cr 4550' elv Highwood Mtns	27-Jul-11	SJK
Thymelicus lineola	CASCADE: near Little Belt Cr., Highwood Mtns., 4895' elev.,	28-Jul-11	SJK
Thymelicus lineola	Lincoln: 5.5 mi E of Stryker FR900 Mt. Marston Lookout	01-Aug-11	SJK
Thymelicus lineola	JUDITH BASIN: N of Checkerboard jct of Spring Cr Rd & FR189	03-Aug-11	SJK
Thymelicus lineola	Judith Basin: S of Stanford Sage Cr.6630' elv Little Belt Mtns	24-Aug-11	SJK
Hesperia assiniboia	PARK: SW Chico Hot Springs, 6-Mile Cr. Road,	18-Aug-11	SJK
Hesperia assiniboia	LEWIS & CLARK: Deadman Coulee Rd., N. Wolf Creek at 4200' elev.	25-Aug-11	SJK
Hesperia assiniboia	JEFFERSON: Lewis & Clark Caverns exit trail and vic.,	05-Sep-11	SJK
Hesperia assiniboia	SWEET GRASS: NW of Big Timber, Whitetail Cr.,	08-Sep-11	SJK
Hesperia juba	PONDERA: near Valier,	20-Sep-11	SJK
Hesperia juba	GLACIER: near Kiowa,	20-Sep-11	SJK
Hesperia leonardus	SWEET GRASS: NW of Big Timber, Whitetail Cr.,	08-Sep-11	SJK
Polites origenes	DANIELS: Near Flaxville,	28-Jun-06	SJK
Polites origenes	DAWSON: 12.5 mi N. of Glendive, Morgan Cr., Hwy. 16,	28-Jun-06	SJK
PAPILIONIDAE			
Papilio zelicaon	MCCONE: Ft. Peck Tower Hill,	24-Jun-05	SJK
BAMONA photo, photographer unknown			
PIERIDAE			
Neophasia menapia	Lewis & Clark: Meadow Crk E Fork Scapegoat Wilderness,7600' elv	28-Aug-11	CEH
photo documentation by Nancy Silver, nw 1/4 se 1/4 S5, T15N R9W			
Neophasia menapia	Lewis & Clark: Helena city limits, State Capitol grounds,	01-Sep-11	CEH
photo documentation by Nancy Silver, T10N, R3W, Sec. 3			
Pontia beckerii	TETON: 5 mi NW of Simms 3815' elv W of Floweree Butte	07-Jun-10	SJK
Pontia protodice	Powder River: Approx. 7 miles NE of Otter, MT	29-Jul-11	JJM
taken at 3591' elev., 45°17'12.49"N;-106°06'52.28"W			
Pontia sisymbrii	Lewis & Clark: Helena city limits, Mt. Ascension, 4500' elev.,	10-Jul-11	CEH
photo documentation by Nancy Silver, T9N, R3W, Sec. 6			
Colias meadii lemhiensis	MEAGHER: Loco Mtn., at 9200' elev., Crazy Mtns.,	04-Aug-11	SJK
Colias meadii lemhiensis	POWELL: SW of Deer Lodge nr summit of Mt Powell 9325' elv	09-Aug-11	SJK
LYCAENIDAE			
Lycaena dorcas florus	LINCOLN: 5.5 mi E of Stryker FR900 Mt. Marston Lookout	01-Aug-11	SJK
Lycaena heteronea	PARK: SW Chico Hot Springs, 6-Mile Cr. Road,	18-Aug-11	SJK
Plebejus glandon cassiope	POWELL: SW of Deer Lodge nr summit of Mt Powell 9325' elv	09-Aug-11	SJK
Plebejus glandon rustica	MEAGHER: Loco Mtn., at 9300' elev., Crazy Mtns.,	04-Aug-11	SJK
Plebejus idas	JUDITH BASIN: S of Stanford Sage Cr.6630' elv Little Belt Mtns	24-Aug-11	SJK
Plebejus idas	Judith Basin: S of Stanford S Fork Running Wolf Cr 5460' elv	24-Aug-11	SJK
Plebejus saepiolus	Missoula: Rattlesnake NRA bank of Rattlesnake Rv 3500' elv	07-Aug-09	CEH
photo documentation by Nancy Silver, T14N, R19W, Sec. 35			
RIODINIDAE			
Apodemia mormo	ROSEBUD: 4 mi S of Hathaway Graveyard Cr Rd 2575' elv	06-Sep-11	SJK
Apodemia mormo	STILLWATER: SE of Rapelje, E side of Battle Butte 4225' elv	08-Sep-11	SJK
NYMPHALIDAE			
Erebia callias	SWEET GRASS: East Boulder Plateau vic Chrome Mtn 9460 elv	17-Aug-11	SJK
Erebia magdalena	PARK: Between end Eagle Cr Rd & false summit Sheep Mtn	13-Aug-11	SJK
collected by George Bumann			
Erebia pawloskii	SWEET GRASS: East Boulder Plateau vic Chrome Mtn 9460 elv	17-Aug-11	SJK
Neominois ridingsii wyomingo	PARK: SW Chico Hot Springs, 6-Mile Cr. Road,	18-Aug-11	SJK
Oeneis chryxus calais	DEER LODGE: Storm Lake, 8200' elev., Anaconda Range,	18-Jul-11	SJK
Oeneis chryxus calais	POWELL: 10 mi. E. Seeley Lake, vic. of Morrell Lookout,	23-Jul-11	SJK
Oeneis chryxus calais	CHOUTEAU: Highwood Baldy, 7541' elev., Highwood Mtns.,	28-Jul-11	SJK
Oeneis chryxus calais	LINCOLN: E of Stryker vic Mt Marston Lookout 7340' elv	01-Aug-11	SJK
Euptoieta claudia	GLACIER: near Kiowa,	20-Sep-11	SJK
Speyeria coronis	PONDERA: near Valier,	20-Sep-11	SJK
Speyeria coronis	GLACIER: near Kiowa,	20-Sep-11	SJK
Speyeria coronis	TETON: N. of Dutton, Teton River breaks,	20-Sep-11	SJK
Speyeria cybele	Missoula: Missoula city limits, 3902' elev.,	25-Aug-09	CEH
photo documentation by Nancy Silver, T13N, R19W, Sec. 21			
Boloria eunomia	SWEET GRASS: East Boulder Plateau vic Chrome Mtn 9460 elv	17-Aug-11	SJK
Boloria freija	SWEET GRASS: East Boulder Plateau vic Chrome Mtn 9460 elv	17-Aug-11	SJK
Aglais milberti	Lewis & Clark: Meadow Crk E Fork Scapegoat Wilderness,7600' elv	28-Aug-11	CEH
photo documentation by Nancy Silver, nw1/4 se1/4 T15N, R9W, Sec. 5			
Polygonia progne	GLACIER: 9 mi. N. of Kiowa, S. Fork Milk River,	15-May-80	SJK
Polygonia progne	HILL: S. of Havre, Beaver Cr., Bears Paw Mtns.,	17-May-95	SJK
Chlosyne gorgone	SWEET GRASS: NW of Big Timber, Whitetail Cr.,	08-Sep-11	SJK
Phyciodes tharos	GLACIER: near Kiowa,	20-Sep-11	SJK
Euphydryas anicia bernadetta	TETON: 5 mi NW of Simms 3815' elv W of Floweree Butte	07-Jun-10	SJK

Moths**TORTRICIDAE**

Archips striana	POWDER RIVER: Diamond Butte Fire Tower	29-Jul-11	JJM
taken at 4250' elev., 45°14'59.18"N;-105°56'00.28"W			

GEOMETRIDAE

Protitame virginalis	LEWIS & CLARK: East Helena, photo documentation at residencial lights, 3888' elev., 46°35.38' N, -111°54.933' W	29-Jun-11	RAM
Macaria bitactata	LEWIS & CLARK: East Helena, photo documentation at residencial lights, 3888' elev., 46°35.38' N, -111°54.933' W	17-Aug-10	RAM
Macaria brunneata	LEWIS & CLARK: East Helena, photo documentation at residencial lights, 3888' elev., 46°35.38' N, -111°54.933' W	22-Aug-11	RAM
Macaria coloradensis	LEWIS & CLARK: East Helena, photo documentation at residencial lights, 3888' elev., 46°35.38' N, -111°54.933' W	07-Aug-10	RAM
Macaria occiduaria	LEWIS & CLARK: East Helena, photo documentation at residencial lights, 3888' elev., 46°35.38' N, -111°54.933' W	29-Jul-11	RAM
Macaria signaria	LEWIS & CLARK: East Helena, photo documentation at residencial lights, 3888' elev., 46°35.38' N, -111°54.933' W	14-Jul-11	RAM
Macaria simplex	LEWIS & CLARK: East Fork Meadow Creek, Scapegoat Wilderness photo documentation at uv lights, ne 1/4 se 1/4 S5, T15N, R9W	29-Aug-11	RAM
Macaria sulphurea	LEWIS & CLARK: Nelson, photo documentation at uv lights, nw 1/4 se 1/4 S13, T12N R2W	30-Jul-11	RAM
Digrammia continuata	LEWIS & CLARK: East Helena, photo documentation at uv lights, sw 1/4 sw 1/4 S30, T10N R2W	21-Jul-10	RAM
Digrammia curvata	LEWIS & CLARK: East Helena, photo documentation at uv lights, sw 1/4 sw 1/4 S30, T10N R2W	20-May-11	RAM
Digrammia decorata	LEWIS & CLARK: East Helena, photo documentation at uv lights, sw 1/4 sw 1/4 S30, T10N R2W	01-Aug-11	RAM
Digrammia excurvata	LEWIS & CLARK: East Helena, photo documentation at uv lights, sw 1/4 sw 1/4 S30, T10N R2W	30-Aug-11	RAM
Digrammia neptaria	LEWIS & CLARK: East Helena, photo documentation at uv lights, sw 1/4 sw 1/4 S30, T10N R2W	02-Jun-11	RAM
Digrammia nubiculata	LEWIS & CLARK: East Helena, photo documentation at uv lights, sw 1/4 sw 1/4 S30, T10N R2W	08-Aug-11	RAM
Digrammia pervolata	POWDER RIVER: Diamond Butte Fire Tower taken at 4250' elev., 45°14'59.18"N;-105°56'00.28"W	29-Jul-11	JJM
Digrammia rippertaria	LEWIS & CLARK: East Helena, photo documentation at uv lights, sw 1/4 sw 1/4 S30, T10N R2W	03-Aug-11	RAM
Digrammia subminiata	LEWIS & CLARK: East Helena, photo documentation at uv lights, sw 1/4 sw 1/4 S30, T10N R2W	21-Jul-11	RAM
Semiothisa pertinata	LEWIS & CLARK: East Helena, photo documentation at uv lights, sw 1/4 sw 1/4 S30, T10N R2W	08-Aug-11	RAM
Dasyfidonia avuncularia	LEWIS & CLARK: East Helena, photo documentation at uv lights, sw 1/4 sw 1/4 S30, T10N R2W	13-Jun-09	RAM
Hesperumia sulphuraria	LEWIS & CLARK: Copper Creek, photo documentation at uv lights, se 1/4 nw 1/4 S5, T15N R9W	04-Aug-11	RAM
Glena nigricaria	LEWIS & CLARK: East Helena, photo documentation at residencial lights, 3888' elev., 46°35.38' N, -111°54.933' W	06-Jul-10	RAM
Anavitrinelia pampinaria	LEWIS & CLARK: East Helena, photo documentation at uv lights, sw 1/4 sw 1/4 S30, T10N R2W	04-Jul-10	RAM
Ectropis crepuscularia	LEWIS & CLARK: East Helena, photo documentation at residencial lights, 3888' elev., 46°35.38' N, -111°54.933' W	22-May-11	RAM
Melanolophia imitata	LEWIS & CLARK: East Helena, photo documentation at residencial lights, 3888' elev., 46°35.38' N, -111°54.933' W	12-May-11	RAM
Sericosema juturnaria	LEWIS & CLARK: Copper Creek, photo documentation at uv lights, se 1/4 nw 1/4 S5, T15N R9W	04-Aug-11	RAM
Drepanulatrix monicaria	LEWIS & CLARK: East Helena, photo documentation at uv lights, sw 1/4 sw 1/4 S30, T10N R2W	22-Jun-10	RAM
Drepanulatrix quadraria	LEWIS & CLARK: East Helena, photo documentation at uv lights, sw 1/4 sw 1/4 S30, T10N R2W	31-Jul-10	RAM
Apodrepanulatrix litaria	LEWIS & CLARK: East Helena, photo documentation at uv lights, sw 1/4 sw 1/4 S30, T10N R2W	25-Aug-11	RAM
Ixala desperaria	LEWIS & CLARK: Copper Creek, photo documentation at uv lights, se 1/4 nw 1/4 S5, T15N R9W	07-Jul-11	RAM
Euchlaena johnsonaria	LEWIS & CLARK: East Helena, photo documentation at residencial lights, 3888' elev., 46°35.38' N, -111°54.933' W	19-Jul-11	RAM
Euchlaena tigrinaria	LEWIS & CLARK: East Helena, photo documentation at residencial lights, 3888' elev., 46°35.38' N, -111°54.933' W	27-Jul-10	RAM

Xanthotype sospeta	LEWIS & CLARK: East Helena,	15-Jul-11	RAM
photo documentation at residencial lights, 3888' elev., 46°35.38' N, -111°54.933' W			
Pero behrensaria	LEWIS & CLARK: East Helena,	15-May-11	RAM
photo documentation at residencial lights, 3888' elev., 46°35.38' N, -111°54.933' W			
Pero morrisonaria	LEWIS & CLARK: East Helena,	21-Jun-11	RAM
photo documentation at residencial lights, 3888' elev., 46°35.38' N, -111°54.933' W			
Campaea perlata	LEWIS & CLARK: East Helena,	30-Jul-11	RAM
photo documentation at uv lights, sw 1/4 sw 1/4 S30, T10N R2W			
Ennomos magnaria	LEWIS & CLARK: East Helena,	01-Oct-10	RAM
photo documentation at residencial lights, 3888' elev., 46°35.38' N, -111°54.933' W			
Anagoga occiduaria	LEWIS & CLARK: Nelson,	05-Jul-11	RAM
photo documentation at uv lights, nw 1/4 se 1/4 S13, T12N R2W			
Probole amicaria	LEWIS & CLARK: Nelson,	05-Jul-11	RAM
photo documentation at uv lights, nw 1/4 se 1/4 S13, T12N R2W			
Eriplatymetra coloradaria	POWDER RIVER: Diamond Butte Fire Tower	29-Jul-11	JJM
taken at 4250' elev., 45°14'59.18"N;-105°56'00.28"W			
Neoterpes trianguliferata	LEWIS & CLARK: Nelson,	11-Jul-11	RAM
photo documentation at uv lights, nw 1/4 se 1/4 S13, T12N R2W			
Sicya crocearia	LEWIS & CLARK: East Helena,	20-Aug-10	RAM
photo documentation at residencial lights, 3888' elev., 46°35.38' N, -111°54.933' W			
Sicya macularia	LEWIS & CLARK: Copper Creek,	13-Aug-11	RAM
photo documentation at uv lights, se 1/4 nw 1/4 S5, T15N R9W			
Synaxis barnesii	LEWIS & CLARK: East Helena,	29-Aug-11	RAM
photo documentation at residencial lights, 3888' elev., 46°35.38' N, -111°54.933' W			
Synaxis jubararia	LEWIS & CLARK: East Helena,	03-Oct-10	RAM
photo documentation at residencial lights, 3888' elev., 46°35.38' N, -111°54.933' W			
Tetracis cachexiata	LEWIS & CLARK: East Helena,	19-Jun-01	RAM
photo documentation at residencial lights, 3888' elev., 46°35.38' N, -111°54.933' W			
Enypia venata	LEWIS & CLARK: East Helena,	20-Aug-11	RAM
photo documentation at residencial lights, 3888' elev., 46°35.38' N, -111°54.933' W			
Nematocampa resistaria	LEWIS & CLARK: East Helena,	28-Jul-11	RAM
photo documentation at residencial lights, 3888' elev., 46°35.38' N, -111°54.933' W			
Synchlora aerata	LEWIS & CLARK: Nelson,	24-Aug-11	RAM
photo documentation at uv lights, nw 1/4 se 1/4 S13, T12N R2W			
Idaea demissaria	LEWIS & CLARK: Nelson,	30-Jul-11	RAM
photo documentation at uv lights, nw 1/4 se 1/4 S13, T12N R2W			
Cyclophora dataria	LEWIS & CLARK: East Helena,	12-Jul-10	RAM
photo documentation at uv lights, sw 1/4 sw 1/4 S30, T10N R2W			
Scopula ancellata	LEWIS & CLARK: East Helena,	23-Jul-11	RAM
photo documentation at residencial lights, 3888' elev., 46°35.38' N, -111°54.933' W			
Scopula fuscata	LEWIS & CLARK: Copper Creek,	04-Aug-11	RAM
photo documentation at uv lights, se 1/4 nw 1/4 S5, T15N R9W			
Scopula junctaria	LEWIS & CLARK: East Helena	19-Jul-11	RAM
photo documentation at residencial lights, 3888' elev.			
Scopula junctaria	POWDER RIVER: Diamond Butte Fire Tower	29-Jul-11	JJM
taken at 4250' elev., 45°14'59.18"N;-105°56'00.28"W			
Dysstroma brunneata	LEWIS & CLARK: East Helena,	01-Aug-11	RAM
photo documentation at uv lights, sw 1/4 sw 1/4 S30, T10N R2W			
Dysstroma citrata	LEWIS & CLARK: East Helena,	24-Aug-11	RAM
photo documentation at uv lights, sw 1/4 sw 1/4 S30, T10N R2W			
Dysstroma formosa	LEWIS & CLARK: Nelson,	19-Jul-11	RAM
photo documentation at uv lights, nw 1/4 se 1/4 S13, T12N R2W			
Dysstroma sobria	LEWIS & CLARK: Nelson,	09-Aug-11	RAM
photo documentation at uv lights, nw 1/4 se 1/4 S13, T12N R2W			
Eulithis destinata	LEWIS & CLARK: Copper Creek,	04-Aug-11	RAM
photo documentation at uv lights, se 1/4 nw 1/4 S5, T15N R9W			
Eulithis propulsata	LEWIS & CLARK: Nelson,	09-Aug-11	RAM
photo documentation at uv lights, nw 1/4 se 1/4 S13, T12N R2W			
Eulithis xyliina	LEWIS & CLARK: East Helena,	20-Jul-11	RAM
photo documentation at residencial lights, 3888' elev., 46°35.38' N, -111°54.933' W			
Eurhinosea flavaria	LEWIS & CLARK: East Helena,	05-Aug-10	RAM
photo documentation at residencial lights, 3888' elev., 46°35.38' N, -111°54.933' W			
Eustroma atrifasciata	LEWIS & CLARK: East Helena,	01-Sep-11	RAM
photo documentation at residencial lights, 3888' elev., 46°35.38' N, -111°54.933' W			
Eustroma semiatrata	LEWIS & CLARK: Copper Creek,	04-Aug-11	RAM
photo documentation at uv lights, se 1/4 nw 1/4 S5, T15N R9W			
Plemyria georgii	LEWIS & CLARK: East Helena,	13-Sep-10	RAM
photo documentation at residencial lights, 3888' elev., 46°35.38' N, -111°54.933' W			

Thera otisi	LEWIS & CLARK: Nelson,	09-Aug-11	RAM
photo documentation at uv lights, nw 1/4 se 1/4 S13, T12N R2W			
Hydriomena expurgata	LEWIS & CLARK: Copper Creek,	07-Jul-11	RAM
photo documentation at uv lights, se 1/4 nw 1/4 S5, T15N R9W			
Triphosa haesitata	LEWIS & CLARK: East Helena,	26-Aug-11	RAM
photo documentation at residencial lights, 3888' elev., 46°35.38' N, -111°54.933' W			
Coryphista meadii	LEWIS & CLARK: East Helena,	07-Jul-11	RAM
photo documentation at uv lights, sw 1/4 sw 1/4 S30, T10N R2W			
Entephria multivigata	LEWIS & CLARK: East Helena,	19-Jul-11	RAM
photo documentation at residencial lights, 3888' elev., 46°35.38' N, -111°54.933' W			
Spargania magnoliata	LEWIS & CLARK: Copper Creek,	07-Jul-11	RAM
photo documentation at uv lights, se 1/4 nw 1/4 S5, T15N R9W			
Anticlea multiferata	LEWIS & CLARK: East Helena,	07-Jul-10	RAM
photo documentation at uv lights, sw 1/4 sw 1/4 S30, T10N R2W			
Xanthorhoe abrasaria congregata	LEWIS & CLARK: East Helena,	03-Aug-11	RAM
photo documentation at residencial lights, 3888' elev., 46°35.38' N, -111°54.933' W			
Xanthorhoe alticolata	LEWIS & CLARK: Copper Creek,	24-Jul-11	RAM
photo documentation at uv lights, se 1/4 nw 1/4 S5, T15N R9W			
Xanthorhoe defensaria	LEWIS & CLARK: East Helena,	14-Aug-11	RAM
photo documentation at residencial lights, 3888' elev., 46°35.38' N, -111°54.933' W			
Xanthorhoe fossaria	LEWIS & CLARK: Copper Creek,	12-Jul-11	RAM
photo documentation at uv lights, se 1/4 nw 1/4 S5, T15N R9W			
Xanthorhoe macdunnoughi	LEWIS & CLARK: East Helena,	08-Aug-11	RAM
photo documentation at residencial lights, 3888' elev., 46°35.38' N, -111°54.933' W			
Euphyia unangulata intermediata	LEWIS & CLARK: East Helena,	24-Jul-11	RAM
photo documentation at residencial lights, 3888' elev., 46°35.38' N, -111°54.933' W			
Horisme incana	LEWIS & CLARK: East Helena,	26-Jun-11	RAM
photo documentation at residencial lights, 3888' elev., 46°35.38' N, -111°54.933' W			
Horisme intestinata	LEWIS & CLARK: Nelson,	19-Jul-11	RAM
photo documentation at uv lights, nw 1/4 se 1/4 S13, T12N R2W			
Eupithecia helena	LEWIS & CLARK: East Helena,	04-Aug-10	RAM
photo documentation at residencial lights, 3888' elev., 46°35.38' N, -111°54.933' W			
Eupithecia nevadata	LEWIS & CLARK: East Helena,	26-May-11	RAM
photo documentation at residencial lights, 3888' elev., 46°35.38' N, -111°54.933' W			
Prorella leucata	LEWIS & CLARK: East Helena,	20-Aug-10	RAM
photo documentation at residencial lights, 3888' elev., 46°35.38' N, -111°54.933' W			
Prorella mellisa	LEWIS & CLARK: East Helena,	09-Jul-11	RAM
photo documentation at residencial lights, 3888' elev., 46°35.38' N, -111°54.933' W			
Cladara limitaria	LEWIS & CLARK: East Helena,	16-May-11	RAM
photo documentation at uv lights, sw 1/4 sw 1/4 S30, T10N R2W			

NOCTUIDAE

Idia aemula	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street,	12-Aug-11	RAM
photo documentation at uv lights, 46°35.38' N, -111°54.933' W			
Idia americalis	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street,	03-Jun-10	RAM
photo documentation at uv lights, 46°35.38' N, -111°54.933' W			
Bleptina caradrinalis	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street,	16-Jul-11	RAM
photo documentation at uv lights, 46°35.38' N, -111°54.933' W			
Hypena humuli	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street,	28-Jun-11	RAM
photo documentation at uv lights, 46°35.38' N, -111°54.933' W			
Spargaloma sexpunctata	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street,	08-Jul-11	RAM
photo documentation at uv lights, 46°35.38' N, -111°54.933' W			
Lateroligia ophiogramma	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street,	08-Aug-11	RAM
photo documentation at uv lights, 46°35.38' N, -111°54.933' W			
Melipotis jucunda	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street,	17-Jul-11	RAM
photo documentation at uv lights, 46°35.38' N, -111°54.933' W			
Drasteria adumbrata	MISSOULA: South Fork Cold Creek, Mission Mtns.,	25-Jun-09	RAM
photo documentation at uv lights, ne 1/4 sw 1/4 S6, T20N R17W			
Zale bethunei	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street,	27-Jul-10	RAM
photo documentation at uv lights, 46°35.38' N, -111°54.933' W			
Zale duplicata	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street,	27-Jun-10	RAM
photo documentation at uv lights, 46°35.38' N, -111°54.933' W			
Zale minerea	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street,	13-May-11	RAM
photo documentation at uv lights, 46°35.38' N, -111°54.933' W			
Catocala luciana	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street,	26-Sep-11	RAM
photo documentation at uv lights, 46°35.38' N, -111°54.933' W			
Autographa ampla	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street,	01-Jul-11	RAM
photo documentation at uv lights, 46°35.38' N, -111°54.933' W			

<i>Autographa sansoni</i>	LEWIS & CLARK: Copper Creek, photo documentation at uv lights, se 1/4 nw 1/4 S5, T15N R9W	07-Jul-11	RAM
<i>Anagrapha falcifera</i>	POWDER RIVER: Diamond Butte Fire Tower taken at 4250' elev., 45°14'59.18"N;-105°56'00.28"W	29-Jul-11	JJM
<i>Syngrapha alias</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	13-Jul-11	RAM
<i>Raphia frater</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	15-Jul-11	RAM
<i>Acronicta dactylina</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	15-Jul-11	RAM
<i>Acronicta impressa</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	14-Jul-11	RAM
<i>Merolonche lupini</i>	LEWIS & CLARK: Copper Creek, photo documentation at uv lights, se 1/4 nw 1/4 S5, T15N R9W	07-Jul-11	RAM
<i>Cucullia florea</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	06-Jul-11	RAM
<i>Cucullia intermedia</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	06-Jun-11	RAM
<i>Cucullia montanae</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	26-Jun-11	RAM
<i>Cucullia postera</i>	LEWIS & CLARK: Copper Creek, photo documentation at uv lights, se 1/4 nw 1/4 S5, T15N R9W	07-Jul-11	RAM
<i>Catabena lineolata</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	27-Jul-11	RAM
<i>Adita chionanthi</i>	Lewis & Clark: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	13-Sep-11	RAM
<i>Sympistis poliochroa</i>	Lewis & Clark: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	25-Aug-11	RAM
<i>Calophasia lunula</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W, 2nd record in state,	27-Jul-11	RAM
<i>Amphipyra tragopoginis</i>	LEWIS & CLARK: Nelson, photo documentation at uv lights, nw 1/4 se 1/4 S13, T12N R2W	24-Sep-11	RAM
<i>Heliopsis phloxiphagus</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	26-Sep-11	RAM
<i>Schinia cumatilis</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	23-Jul-11	RAM
<i>Schinia jaguarina</i>	POWDER RIVER: Diamond Butte Fire Tower taken at 4250' elev., 45°14'59.18"N;-105°56'00.28"W	29-Jul-11	JJM
<i>Schinia sueta</i>	LEWIS & CLARK: Helena, 1840 Tucker Rd., photo documentation at uv lights, se 1/4 S12, T9N, R4W,	10-Jul-11	RAM
<i>Protoperigea posticata</i>	LEWIS & CLARK: Nelson, photo documentation at uv lights, nw 1/4 se 1/4 S13, T12N R2W	19-Sep-10	RAM
<i>Hyppa brunneicrista</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	17-Jul-10	RAM
<i>Chytonix divesta</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	20-Aug-11	RAM
<i>Pseudanarta flava</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	03-Sep-11	RAM
<i>Apamea amputatrix</i>	POWDER RIVER: Diamond Butte Fire Tower taken at 4250' elev., 45°14'59.18"N;-105°56'00.28"W	29-Jul-11	JJM
<i>Apamea antennata</i>	LEWIS & CLARK: Nelson, photo documentation at uv lights, nw 1/4 se 1/4 S13, T12N R2W	30-Jul-11	RAM
<i>Apamea atosuffusa</i>	LEWIS & CLARK: Nelson, photo documentation at uv lights, nw 1/4 se 1/4 S13, T12N R2W	25-Aug-11	RAM
<i>Apamea centralis</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	06-Jul-11	RAM
<i>Apamea cogitata</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	09-Jul-11	RAM
<i>Apamea devastator</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	18-Jul-11	RAM
<i>Apamea occidens</i>	LEWIS & CLARK: Nelson, photo documentation at uv lights, nw 1/4 se 1/4 S13, T12N R2W	30-Jul-11	RAM
<i>Apamea scoparia</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	03-Jul-11	RAM
<i>Apamea sordens</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	23-May-10	RAM
<i>Apamea spaldingi</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	22-Jun-11	RAM

<i>Resapamea passer</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	06-Jul-11	RAM
<i>Eremobina claudens</i>	LEWIS & CLARK: Nelson, photo documentation at uv lights, nw 1/4 se 1/4 S13, T12N R2W	24-Sep-11	RAM
<i>Hydraecia medialis</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	04-Oct-11	RAM
<i>Xylena cineritia</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	15-May-11	RAM
<i>Lithomoia germana</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	10-Sep-11	RAM
<i>Litholomia napaea</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	17-May-11	RAM
<i>Lithophane thaxteri</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	28-Sep-11	RAM
<i>Eupsilia tristigmata</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	21-Apr-10	RAM
<i>Mesogona olivata</i>	ROSEBUD: Ashland, Ashland District Ranger Station, photo documentation at uv lights, sw 1/4 nw 1/4 S11, T3S R44E	13-Sep-11	RAM
<i>Agrochola decipiens</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	16-Oct-11	RAM
<i>Brachylomia populi</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	05-Sep-11	RAM
<i>Fishia connecta</i>	LEWIS & CLARK: Nelson, photo documentation at uv lights, nw 1/4 se 1/4 S13, T12N R2W	24-Sep-11	RAM
<i>Fishia discors</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	05-Oct-11	RAM
<i>Fishia yosemitae</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	19-Sep-11	RAM
<i>Platypolia contadina</i>	LEWIS & CLARK: Nelson, photo documentation at uv lights, nw 1/4 se 1/4 S13, T12N R2W	10-Sep-11	RAM
<i>Platypolia loda</i>	: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	26-Jun-11	RAM
<i>Xylotype acadia</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	08-Sep-11	RAM
<i>Orthosia hibisci</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	24-Apr-10	RAM
<i>Orthosia revicta</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	23-May-11	RAM
<i>Egira crucialis</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	14-May-11	RAM
<i>Egira dolosa</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	21-May-11	RAM
<i>Nephelodes adusta</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	20-Aug-10	RAM
<i>Anarta crotchii</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	20-May-11	RAM
<i>Anarta hamata</i>	POWDER RIVER: Diamond Butte Fire Tower taken at 4250' elev., 45°14'59.18"N;-105°56'00.28"W	29-Jul-11	JJM
<i>Anarta oregonica</i>	LEWIS & CLARK: Nelson, photo documentation at uv lights, nw 1/4 se 1/4 S13, T12N R2W	02-Jul-11	RAM
<i>Polia piniae</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	26-Aug-10	RAM
<i>Polia purpurissata</i>	LEWIS & CLARK: Nelson, photo documentation at uv lights, nw 1/4 se 1/4 S13, T12N R2W	11-Jul-11	RAM
<i>Melanchra adjuncta</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	22-Jul-11	RAM
<i>Melanchra assimilis</i>	LEWIS & CLARK: Nelson, photo documentation at uv lights, nw 1/4 se 1/4 S13, T12N R2W	30-Jul-11	RAM
<i>Trichordestra liquida</i>	LEWIS & CLARK: Nelson, photo documentation at uv lights, nw 1/4 se 1/4 S13, T12N R2W	05-Jul-11	RAM
<i>Hadena caelestis</i>	LEWIS & CLARK: Nelson, photo documentation at uv lights, nw 1/4 se 1/4 S13, T12N R2W	11-Jul-11	RAM
<i>Mythimna oxygala</i>	LEWIS & CLARK: Copper Creek, photo documentation at uv lights, se 1/4 nw 1/4 S5, T15N R9W	13-Aug-11	RAM
<i>Leucania commoides</i>	LEWIS & CLARK: Nelson, photo documentation at uv lights, nw 1/4 se 1/4 S13, T12N R2W	02-Jul-11	RAM
<i>Leucania multilinea</i>	LEWIS & CLARK: Nelson, photo documentation at uv lights, nw 1/4 se 1/4 S13, T12N R2W	02-Jul-11	RAM

<i>Leucania phragmatidicola</i>	ROSEBUD: Ashland, Ashland District Ranger Station, photo documentation at uv lights, sw 1/4 nw 1/4 S11, T3S R44E	15-Sep-11	RAM
<i>Lasionycta subfuscula</i>	LEWIS & CLARK: Copper Creek, photo documentation at uv lights, se 1/4 nw 1/4 S5, T15N R9W	24-Jul-11	RAM
<i>Lacinipolia anguina</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	29-Jun-11	RAM
<i>Lacinipolia comis</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	04-Oct-11	RAM
<i>Lacinipolia longiclava</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	02-Jun-11	RAM
<i>Lacinipolia lustralis</i>	LEWIS & CLARK: Nelson, photo documentation at uv lights, nw 1/4 se 1/4 S13, T12N R2W	19-Jul-11	RAM
<i>Lacinipolia meditata</i>	LEWIS & CLARK: Nelson, photo documentation at uv lights, nw 1/4 se 1/4 S13, T12N R2W	02-Jul-11	RAM
<i>Lacinipolia olivacea</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	09-Jul-11	RAM
<i>Lacinipolia pensilis</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	24-Jun-11	RAM
<i>Lacinipolia sharonae</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	20-Jul-11	RAM
<i>Lacinipolia vicina</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	27-Jul-11	RAM
<i>Anhimella perbrunnea</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	24-Jul-11	RAM
<i>Orthodes obscura</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	15-Jun-10	RAM
<i>Richia parentalis</i>	ROSEBUD: 17 mi. S. of Ashland, Blacks Pond, photo documentation at uv lights, sw 1/4 ne 1/4 sec. 1, T6S, R44E,	15-Sep-11	RAM
<i>Euxoa bochus</i>	LEWIS & CLARK: Nelson, photo documentation at uv lights, nw 1/4 se 1/4 S13, T12N R2W	10-Sep-11	RAM
<i>Euxoa catenula</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	24-Sep-10	RAM
<i>Euxoa difformis</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	10-Aug-10	RAM
<i>Euxoa divergens</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	06-Jul-11	RAM
<i>Euxoa flavidens</i>	Lewis & Clark: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	08-Sep-10	RAM
<i>Euxoa infausta</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	02-Sep-11	RAM
<i>Euxoa intrita</i>	LEWIS & CLARK: Nelson, photo documentation at uv lights, nw 1/4 se 1/4 S13, T12N R2W	02-Jul-11	RAM
<i>Euxoa medialis</i>	LEWIS & CLARK: Nelson, photo documentation at uv lights, nw 1/4 se 1/4 S13, T12N R2W	24-Sep-11	RAM
<i>Euxoa olivalis</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	21-Jul-11	RAM
<i>Euxoa quadridentata</i>	POWDER RIVER: Diamond Butte Fire Tower taken at 4250' elev., 45°14'59.18"N;-105°56'00.28"W	29-Jul-11	JJM
<i>Euxoa servita</i>	LEWIS & CLARK: Nelson, photo documentation at uv lights, nw 1/4 se 1/4 S13, T12N R2W	03-Aug-11	RAM
<i>Paradiarsia littoralis</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	02-Jul-11	RAM
<i>Noctua pronuba</i>	POWDER RIVER: Diamond Butte Fire Tower taken at 4250' elev., 45°14'59.18"N;-105°56'00.28"W, 2nd Record for State	29-Jul-11	JJM
<i>Spaelotis bicava</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	07-Jul-11	RAM
<i>Spaelotis clandestina</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	03-Aug-11	RAM
<i>Eurois nigra</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	26-Aug-11	RAM
<i>Graphiphora augur</i>	LEWIS & CLARK: Nelson, photo documentation at uv lights, nw 1/4 se 1/4 S13, T12N R2W	05-Jul-11	RAM
<i>Xestia homogena</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	19-Jul-11	RAM
<i>Xestia imperita</i>	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	03-Aug-11	RAM
<i>Xestia oblata</i>	LEWIS & CLARK: Nelson, photo documentation at uv lights, nw 1/4 se 1/4 S13, T12N R2W	30-Jul-11	RAM

Setagrotis pallidicollis	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	26-Jul-10	RAM
Tesagrotis corrodera	LEWIS & CLARK: Nelson, photo documentation at uv lights, nw 1/4 se 1/4 S13, T12N R2W	10-Sep-11	RAM
Parabagrotis exsertistigma	Lewis & Clark: Copper Creek, photo documentation at uv lights, se 1/4 nw 1/4 S5, T15N R9W	07-Jul-11	RAM
Protolampra rufipectus	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	23-Aug-11	RAM
Protolampra rufipectus	Lewis & Clark: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	30-Aug-11	RAM
Abagrotis glenni	LEWIS & CLARK: Nelson, photo documentation at uv lights, nw 1/4 se 1/4 S13, T12N R2W	24-Sep-11	RAM
Abagrotis nanalis	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	30-Aug-11	RAM
Abagrotis scopeops	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	14-Aug-11	RAM
EREBIDAE			
Hypoprepia miniata	POWDER RIVER: Diamond Butte Fire Tower taken at 4250' elev., 45°14'59.18"N;-105°56'00.28"W	29-Jul-11	JJM
EUTELIIDAE			
Marathyssa inficita	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	08-Jul-11	RAM
NOLIDAE			
Nycteola cinerea	LEWIS & CLARK: East Helena, 414 1/2 E. Clark Street, photo documentation at uv lights, 46°35.38' N, -111°54.933' W	12-May-11	RAM

NEW MEXICO

Steve Cary reported poor conditions for much of New Mexico in 2012. Much of the state suffered a warm, dry winter until mid-February, when a record-breaking cold snap sent temperatures well below zero F, even in the south. Spring continued to be dry and the summer drought provided conditions for large fires that consumed vegetation and fauna in the Jemez Mountains and Sugarite Canyon State Park. Dry weather continued until a late monsoon season arrived in mid-August. Moisture for the region returned in September, but was too late for butterflies to recover.

Four contributors posted records for New Mexico, including records from nine additional collectors and observers. Five county records for butterflies were submitted, as well as 29 county records for moths.

Butterflies

HESPERIIDAE

Hesperopsis alpheus	SANTA FE: Waldo, visual observation by J. Batkin	28-Apr-11	SJC
Systasea zampa	Hidalgo: Guadalupe Canyon, visual observation by C. Rustay and N. Hetrick, new early record	06-Mar-11	SJC
Erynnis persius	SAN MIGUEL: Johnson Mesa, west of Las Vegas, visual observation by J. Ruffin, confirms this species from the county	28-May-11	SJC
Ochlodes yuma anasazi	Taos: Rio Grande Gorge N. of Chiflo Springs, visual observation with L. Delay, new late record	19-Sep-11	SJC
Megathymus yuccae	CURRY: Lofton property, visual observation by J. Lofton	04-Apr-11	SJC
Megathymus yuccae coloradensis	Sierra: 4 mi W. of Emory Pass, 7040' elev.,	18-Apr-11	PT1

PIERIDAE

Pieris rapae	Luna: Deming, visual observation by E. Halbedel, new early record	12-Feb-11	SJC
Phoebis sennae	SANDOVAL: LaJara, visual observation by J. Schelling,	01-Sep-11	SJC

LYCAENIDAE

Callophrys affinis apama	Santa Fe: Below Ski Basin Ski hill on FR102	09-Jul-10	B/B
Erora quaderna	Grant: 3.3 mi W. of Emory Pass, 7225' elev.,	18-Apr-11	PT1
Celastrina ladon	Grant: Burro Mtns., visual observation by E. Halbedel, new early record	23-Feb-11	SJC
Euphilotes spaldingi	BERNALILLO: Cienega Cyn., east slope Sandia Mtns., collected by J. Schelling, first report for the mountain range and the county, fills important distribution gap	19-Apr-11	SJC

RIODINIDAE

Apodemia mejicanus	Bernalillo: nr Tijeras Hondo Canyon Cibola NF Sandia Mtns Photo documentation by Matt O'Donnell	22-Apr-11	24-Apr-11	CEH
Apodemia nais	Santa Fe: Below Ski Basin Ski hill on FR102	09-Jul-10		B/B

NYMPHALIDAE

Limnitis weidemeyerii	Grant: Bear Mtns., visual observation by E. Halbedel, new late record	13-Oct-11		SJC
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<i>Polygonia satyrus</i>	Otero: 1.7 mi NE of Silver Springs, 7980' elev.,	15-Apr-11	PT1
<i>Poladryas arachne</i>	Cibola: 9 mi. E of Grants, NM on FR 547	07-Jul-10	B/B
<i>Poladryas arachne</i>	Santa Fe: Below Ski Basin Ski hill on FR102	09-Jul-10	B/B
<i>Chlosyne acastus sabina</i>	Grant: 4 mi W. of Emory Pass, 7040' elev.,	18-Apr-11	PT1
<i>Chlosyne fulvia</i>	Harding: 1.5 mi N of Mills Hwy39 along w shoulder- Kiowa NG	27-Apr-11	CEH
active in openings in shortgrass prairie			
<i>Chlosyne fulvia</i>	Mora: 9 mi W of Roy Hwy120 along N shoulder Kiowa NG,	28-Apr-11	CEH
active in openings in shortgrass prairie			

Moths

GEOMETRIDAE

<i>Digrammia curvata</i>	TAOS: E. of Taos, Carson NF, 0.7 mi. east of Hwy. 585, taken off roadside, uv trap, riparian, pinyon/juniper/sage, 7362' elev., 36°22.798'N;-105°31.73'W	15-May-11	17-May-11	CEH
<i>Digrammia neptaria</i>	TAOS: E. of Taos, Carson NF, 0.7 mi. east of Hwy. 585, taken off roadside, uv trap, riparian, pinyon/juniper/sage, 7362' elev., 36°22.798'N;-105°31.73'W	15-May-11	17-May-11	CEH
<i>Digrammia subminiata</i>	TAOS: E. of Taos, Carson NF, 0.7 mi. east of Hwy. 585, taken off roadside, uv trap, riparian, pinyon/juniper/sage, 7362' elev., 36°22.798'N;-105°31.73'W	15-May-11	17-May-11	CEH
<i>Stenoporpia glaucomarginaria</i>	TAOS: E. of Taos, Carson NF, 0.7 mi. east of Hwy. 585, taken off roadside, uv trap, riparian, pinyon/juniper/sage, 7362' elev., 36°22.798'N;-105°31.73'W	15-May-11	17-May-11	CEH
<i>Stenoporpia pulmonaria</i>	HARDING: 6.5 mi W of Mills, Mills Cyn-Kiowa NG ponderosa pine/juniper/Quercus undulosa habitat, 6050' elev., 36°04.225'N; -104°20.685'W	27-Apr-11	28-Apr-11	CEH
<i>Carphoides incopriarius</i>	HARDING: 6.5 mi W of Mills, Mills Cyn-Kiowa NG ponderosa pine/juniper/Quercus undulosa habitat, 6050' elev., 36°04.225'N; -104°20.685'W	27-Apr-11	28-Apr-11	CEH
<i>Nacophora perfidaria</i>	HARDING: 6.5 mi W of Mills, Mills Cyn-Kiowa NG ponderosa pine/juniper/Quercus undulosa habitat, 36°04.225'N; -104°20.685'W	27-Apr-11	28-Apr-11	CEH
<i>Caripeta aequaliaria</i>	HARDING: 6.5 mi W of Mills, Mills Cyn-Kiowa NG ponderosa pine/juniper/Quercus undulosa habitat, 36°04.225'N; -104°20.685'W	27-Apr-11	28-Apr-11	CEH
<i>Synaxis cervinaria</i>	HARDING: 6.5 mi W of Mills, Mills Cyn-Kiowa NG ponderosa pine/juniper/Quercus undulosa habitat, 6050' elev., 36°04.225'N; -104°20.685'W	27-Apr-11	28-Apr-11	CEH
<i>Sabulodes niveostriata</i>	CIBOLA: 9 mi. E of Grants, NM on FR 547	07-Jul-10	B/B	
<i>Nemoria obliqua</i>	TAOS: E. of Taos, Carson NF, 0.7 mi. east of Hwy. 585, taken off roadside, uv trap, riparian, pinyon/juniper/sage, 7362' elev., 36°22.798'N;-105°31.73'W	15-May-11	17-May-11	CEH

LASIOCAMPIDAE

<i>Phylodesma americana</i>	Taos: E. of Taos, Carson NF, 0.7 mi. east of Hwy. 585, taken off roadside, uv trap, riparian, pinyon/juniper/sage, 7362' elev., 36°22.798'N;-105°31.73'W	15-May-11	17-May-11	CEH
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SATURNIIDAE

<i>Coloradia luski</i>	CIBOLA: 9 mi. E of Grants, NM on FR 547	07-Jul-10	B/B
<i>Hemileuca oliviae</i>	Harding: 1.5 mi N of Mills Hwy39 along w shoulder- Kiowa NG	27-Apr-11	CEH
spent pupae cases found within Yucca plants and ova on Yucca leaves,			
<i>Hemileuca oliviae</i>	Colfax: 4 mi. S of Abbott, Hwy. 39 along roadside,	27-Apr-11	CEH
spent pupae cases found within Yucca plants and ova on Yucca leaves,			
<i>Hemileuca oliviae</i>	Mora: 9 mi W of Roy Hwy120 along N shoulder Kiowa NG,	28-Apr-11	CEH
spent pupae cases found within Yucca plants and ova on Yucca leaves,			
<i>Agapema homogena</i>	Cibola: 9 mi. E of Grants, NM on FR 547	07-Jul-10	B/B

SPHINGIDAE

<i>Sphinx dollii</i>	Cibola: 9 mi. E of Grants, NM on FR 547	07-Jul-10	B/B
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NOTODONTIDAE

<i>Oligocentria coloradensis</i>	HARDING: 6.5 mi W of Mills, Mills Cyn-Kiowa NG ponderosa pine/juniper/Quercus undulosa habitat, 36°04.225'N; -104°20.685'W	27-Apr-11	28-Apr-11	CEH
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NOCTUIDAE

<i>Cissusa valens</i>	HARDING: 6.5 mi W of Mills, Mills Cyn-Kiowa NG ponderosa pine/juniper/Quercus undulosa habitat, 36°04.225'N; -104°20.685'W	27-Apr-11	28-Apr-11	CEH
<i>Litocala sexsignata</i>	Bernalillo: nr Tijeras Hondo Canyon Cibola NF Sandia Mtns Photo documentation by Matt O'Donnell	22-Apr-11	24-Apr-11	CEH
<i>Litocala sexsignata</i>	Bernalillo: Albuquerque, Ojito de San Antonio Open Space, Photo documentation by Matt O'Donnell	24-Apr-11		CEH
<i>Melipotis indomita</i>	HARDING: 6.5 mi W of Mills, Mills Cyn-Kiowa NG ponderosa pine/juniper/Quercus undulosa habitat, 6050' elev., 36°04.225'N; -104°20.685'W	27-Apr-11	28-Apr-11	CEH
<i>Melipotis jucunda</i>	HARDING: 6.5 mi W of Mills, Mills Cyn-Kiowa NG ponderosa pine/juniper/Quercus undulosa habitat, 6050' elev., 36°04.225'N; -104°20.685'W	27-Apr-11	28-Apr-11	CEH
<i>Drasteria sabulosa</i>	TAOS: E. of Taos, Carson NF, 0.7 mi. east of Hwy. 585, taken off roadside, uv trap, riparian, pinyon/juniper/sage, 7362' elev., 36°22.798'N;-105°31.73'W	15-May-11	17-May-11	CEH
<i>Pseudothemihyalea ambigua</i>	Santa Fe: Below Ski Basin Ski hill on FR102	08-Jul-10	B/B	
<i>Panthea gigantea</i>	CIBOLA: 9 mi. E of Grants, NM on FR 547	07-Jul-10	B/B	
<i>Panthea gigantea</i>	HARDING: 6.5 mi W of Mills, Mills Cyn-Kiowa NG ponderosa pine/juniper/Quercus undulosa habitat, 36°04.225'N; -104°20.685'W	27-Apr-11	28-Apr-11	CEH
<i>Pseudopanthea palata</i>	HARDING: 6.5 mi W of Mills, Mills Cyn-Kiowa NG ponderosa pine/juniper/Quercus undulosa habitat, 36°04.225'N; -104°20.685'W	27-Apr-11	28-Apr-11	CEH

<i>Sympistis cottami</i>	HARDING: 6.5 mi W of Mills, Mills Cyn-Kiowa NG	27-Apr-11	28-Apr-11	CEH
ponderosa pine/juniper/Quercus undulosa habitat, 36°04.225'N; -104°20.685'W				
<i>Properigea costa</i>	HARDING: 6.5 mi W of Mills, Mills Cyn-Kiowa NG	27-Apr-11	28-Apr-11	CEH
ponderosa pine/juniper/Quercus undulosa habitat, 36°04.225'N; -104°20.685'W				
<i>Xylena cineritia</i>	TAOS: E. of Taos, Carson NF, 0.7 mi. east of Hwy. 585, taken off roadside, uv trap, riparian, pinyon/juniper/sage, 7362' elev., 36°22.798'N;-105°31.73'W	15-May-11	17-May-11	CEH
<i>Lithophane contra</i>	TAOS: E. of Taos, Carson NF, 0.7 mi. east of Hwy. 585, taken off roadside, uv trap, riparian, pinyon/juniper/sage, 7362' elev., 36°22.798'N;-105°31.73'W	15-May-11	17-May-11	CEH
<i>Egira variabilis</i>	Harding: 6.5 mi W of Mills, Mills Cyn-Kiowa NG	27-Apr-11	28-Apr-11	CEH
ponderosa pine/juniper/Quercus undulosa habitat, 36°04.225'N; -104°20.685'W				
<i>Polia delecta</i>	TAOS: E. of Taos, Carson NF, 0.7 mi. east of Hwy. 585, taken off roadside, uv trap, riparian, pinyon/juniper/sage, 7362' elev., 36°22.798'N;-105°31.73'W	15-May-11	17-May-11	CEH
<i>Leucania imperfecta</i>	HARDING: 6.5 mi W of Mills, Mills Cyn-Kiowa NG	27-Apr-11	28-Apr-11	CEH
ponderosa pine/juniper/Quercus undulosa habitat, 6050' elev., 36°04.225'N; -104°20.685'W				
<i>Ulolonche consopita</i>	Harding: 6.5 mi W of Mills, Mills Cyn-Kiowa NG	27-Apr-11	28-Apr-11	CEH
ponderosa pine/juniper/Quercus undulosa habitat, 36°04.225'N; -104°20.685'W				
<i>Ulolonche orbiculata</i>	Harding: 6.5 mi W of Mills, Mills Cyn-Kiowa NG	27-Apr-11	28-Apr-11	CEH
ponderosa pine/juniper/Quercus undulosa habitat, 6050' elev., 36°04.225'N; -104°20.685'W				
<i>Abagrotis forbesi</i>	TAOS: E. of Taos, Carson NF, 0.7 mi. east of Hwy. 585, taken off roadside, uv trap, riparian, pinyon/juniper/sage, 7362' elev., 36°22.798'N;-105°31.73'W	15-May-11	17-May-11	CEH
EREBIDAE				
<i>Hypercompe permaculata</i>	Santa Fe: Below Ski Basin Ski hill on FR102	08-Jul-10		B/B
<i>Ectypia clio</i>	HARDING: 6.5 mi W of Mills, Mills Cyn-Kiowa NG	27-Apr-11	28-Apr-11	CEH
ponderosa pine/juniper/Quercus undulosa habitat, 36°04.225'N; -104°20.685'W				
<i>Bertholdia trigona</i>	Cibola: 9 mi. E of Grants, NM on FR 547	07-Jul-10		B/B

UTAH

There were no submissions for moths or butterflies for the 2011 Season. Two submissions were given for vouchers taken from the 2010 Season. Among the four county records was a report of *Tyta luctuosa*, a small Noctuid moth introduced in Colorado as a biological control for field bindweed.

Moths

GEOMETRIDAE

<i>Stenoporpia glaucomarginaria</i>	GRAND: 8 mi NE of Moab, Hwy128 at mkr7 nr Oak Creek Gd	13-Sep-10		CEH
taken at uv trap, 4010' elev., 8 pm- 12 am, open sands above roadside, 38°39.88'N;-109°29.966'W				
<i>Prochoerodes truxaliata</i>	GRAND: 8 mi NE of Moab, Hwy128 at mkr7 nr Oak Creek Gd	13-Sep-10		CEH
taken at uv trap, 4010' elev., 8 pm- 12 am, open sands above roadside, 38°39.88'N;-109°29.966'W				

METOPONIINAE

<i>Tyta luctuosa</i>	EMERY: Green River, at hotel lights	25-Jun-10		VXA
San Rafael Desert, off Hwy. I-70, 4144' elev., 38°59.57'N;-110°08.266'W, Second Record for State				

WYOMING

Three contributors added records for butterflies and moths for the season. Twenty-eight county records for moths were reported.

Butterflies

HESPERIIDAE

<i>Epargyreus clarus</i>	Sheridan: Approx. 6 miles NW of Dayton, WY	09-Jul-11		JJM
taken at 4,902' elev., 44°53'45.16"N;-107°22'31.51"W				
<i>Pyrgus communis</i>	Bighorn: Approx. 1 mile south of Shell Creek ranger station	17-Jul-11		JJM
taken at 8410' elev., 44°32'13.52"N;-107°30'22.83"W				
<i>Amblyscirtes vialis</i>	Sheridan: Approx. 6 miles NW of Dayton, WY	09-Jul-11		JJM
taken at 4,902' elev., 44°53'45.16"N;-107°22'31.51"W				
<i>Hesperia nevada</i>	Sheridan: Approx. 6 miles NW of Dayton, WY	09-Jul-11		JJM
taken at 4,902' elev., 44°53'45.16"N;-107°22'31.51"W				
<i>Polites draco</i>	Johnson: 2 miles north of Powder River Pass	14-Aug-11		JJM
taken at 10291' elev., 44°10'06.12"N;-107°04'28.75W				

PAPILIONIDAE

<i>Papilio multicaudata</i>	Sheridan: Approx. 6 miles NW of Dayton, WY	09-Jul-11		JJM
taken at 4,902' elev., 44°53'45.16"N;-107°22'31.51"W				
<i>Papilio zelicaon</i>	Sublette: 1.0 mi WNW of Slide Lake, 9000' elev.,	16-Jul-11		PT1
<i>Papilio zelicaon</i>	Teton: 1.8 mi WNW of Teton Pass,	17-Jul-11		PT1
<i>Parnassius smintheus</i>	Carbon: Beartooth Mtns., Clay Butte @ 9800' elev.,	08-Aug-11		EHW
<i>Parnassius smintheus</i>	Johnson: 2 miles north of Powder River Pass	14-Aug-11		JJM
taken at 10291' elev., 44°10'06.12"N;-107°04'28.75W				

PIERIDAE

<i>Pontia occidentalis</i>	Sublette: 1 mi SW. of Slide Lake, 10500' elev.,	16-Jul-11		PT1
<i>Pontia occidentalis</i>	Carbon: Beartooth Mtns., Clay Butte @ 9800' elev.,	08-Aug-11		EHW

<i>Pontia occidentalis</i>	Johnson: 2 miles north of Powder River Pass	14-Aug-11	JJM
taken at 10291' elev., 44°10'06.12"N;-107°04'28.75W			
<i>Pontia sisymbrii elivata</i>	Sublette: Slide Creek Falls, 8150'- 9000' elev.,	13-Jul-11	PT1
<i>Pieris angelika</i>	Sublette: Slide Creek Falls, 8150'- 9000' elev.,	13-Jul-11	16-Jul-11 PT1
<i>Pieris angelika</i>	Sublette: Lower Green River Lake, 8100' elev.,	13-Jul-11	PT1
<i>Pieris angelika</i>	Teton: Teton Pass,	17-Jul-11	PT1
<i>Pieris marginalis</i>	Carbon: 2 miles east of Ryan Park, WY	02-Jul-11	JJM
taken at 8620' elev., 41°18'45.76"N; 106°28'36.12W			
<i>Pieris rapae</i>	Sheridan: Approx. 6 miles NW of Dayton, WY	09-Jul-11	JJM
taken at 4,902' elev., 44°53'45.16"N;-107°22'31.51"W			
<i>Euchloe ausonides coloradensis</i>	Sublette: Slide Creek Falls, 8150'- 9000' elev.,	13-Jul-11	PT1
<i>Euchloe ausonides coloradensis</i>	Sublette: 1.0 mi WNW of Slide Lake, 9000' elev.,	16-Jul-11	PT1
<i>Euchloe ausonides coloradensis</i>	Sublette: Lower Green River Lake, 8100' elev.,	16-Jul-11	PT1
<i>Euchloe ausonides coloradensis</i>	Teton: Teton Pass,	17-Jul-11	PT1
<i>Anthocharis sara browningi</i>	Sublette: Lower Green River Lake, 8100' elev.,	13-Jul-11	PT1
<i>Anthocharis sara browningi</i>	Sublette: Slide Creek Falls, 8150'- 9000' elev.,	13-Jul-11	16-Jul-11 PT1
<i>Anthocharis sara browningi</i>	Sublette: 1.0 mi WNW of Slide Lake, 9000'- 9500' elev.,	16-Jul-11	PT1
<i>Anthocharis sara browningi</i>	Teton: Teton Pass,	17-Jul-11	PT1
<i>Anthocharis sara browningi</i>	Teton: 1.8 mi WNW of Slide Lake,	17-Jul-11	PT1
<i>Anthocharis sara stella</i>	Bighorn: Approx. 1 mile south of Shell Creek ranger station	17-Jul-11	JJM
taken at 8410' elev., 44°32'13.52"N;-107°30'22.83"W			
<i>Colias christina</i>	Sheridan: Approx. 6 miles NW of Dayton, WY	09-Jul-11	JJM
taken at 4,902' elev., 44°53'45.16"N;-107°22'31.51"W			
<i>Colias meadii</i>	Park: Beartooth Pass, WY	22-Aug-11	JJM
taken at 10965' elev., 44°58'07.31"N;-109°22'16.02"W			
<i>Colias philodice</i>	Campbell: Arch Creek	22-Jun-11	JJM
taken at 4220' elev., 44°17'30.22"N;-104°39'04.98"W			
<i>Colias philodice</i>	Johnson: 2 miles north of Powder River Pass	14-Aug-11	JJM
taken at 10291' elev., 44°10'06.12"N;-107°04'28.75W			
LYCAENIDAE			
<i>Lycaena helloides</i>	Crook: Prairie Creek, N of Oshoto	10-Aug-11	JJM
taken at 3905' elev., 44°43'23.64"N;-105°01'03.73"W			
<i>Lycaena helloides</i>	Johnson: 2 miles north of Powder River Pass	14-Aug-11	JJM
taken at 10291' elev., 44°10'06.12"N;-107°04'28.75W			
<i>Lycaena phlaeas</i>	Johnson: 2 miles north of Powder River Pass	14-Aug-11	JJM
taken at 10450' elev., 44°10'06.12"N;-107°4'28.75"W			
<i>Celastrina ladon</i>	Sheridan: Little Goose Canyon	27-May-11	JJM
taken at 5460' elev., 44°35'03.22"N;-107°02'14.22"W			
<i>Glaucopsyche lygdamus</i>	Campbell: Arch Creek	22-Jun-11	JJM
taken at 4220' elev., 44°17'30.22"N;-104°39'04.98"W			
<i>Glaucopsyche lygdamus</i>	Carbon: 2 miles east of Ryan Park, WY	02-Jul-11	JJM
taken at 8620' elev., 41°18'45.76"N;-106°28'36.12"W			
<i>Plebejus acmon</i>	Johnson: 2 miles north of Powder River Pass	14-Aug-11	JJM
taken at 10291' elev., 44°10'06.12"N;-107°04'28.75W			
<i>Plebejus glandon</i>	Carbon: Beartooth Mtns., Clay Butte @ 9800' elev.,	08-Aug-11	EHW
<i>Plebejus glandon</i>	Johnson: 2 miles north of Powder River Pass	14-Aug-11	JJM
taken at 10291' elev., 44°10'06.12"N;-107°04'28.75W			
<i>Plebejus glandon</i>	Park: Above Frozen Lake near Beartooth Pass	22-Aug-11	JJM
taken at 10325' elev., 44°57'48.10"N;-109°29'04.80"W			
<i>Plebejus icarioides</i>	Sheridan: Approx. 6 miles NW of Dayton, WY	09-Jul-11	JJM
taken at 4,902' elev., 44°53'45.16"N;-107°22'31.51"W			
<i>Plebejus melissa</i>	Campbell: Arch Creek	22-Jun-11	JJM
taken at 4220' elev., 44°17'30.22"N;-104°39'04.98"W			
<i>Plebejus saepiolus</i>	Johnson: 2 miles north of Powder River Pass	14-Aug-11	JJM
taken at 10291' elev., 44°10'06.12"N;-107°04'28.75W			
NYMPHALIDAE			
<i>Coenonympha haydenii</i>	Sublette: Lower Green River Lake, 8100' elev.,	13-Jul-11	16-Jul-11 PT1
<i>Coenonympha haydenii</i>	Teton: 1.8 mi WNW of Teton Pass,	17-Jul-11	PT1
<i>Coenonympha tullia ochracea</i>	Lincoln: 6 mi N. of Kemmerer,	11-Jul-11	PT1
<i>Coenonympha tullia ochracea</i>	Sublette: Lower Green River Lake, 8100' elev.,	13-Jul-11	PT1
<i>Erebia callias</i>	Carbon: Beartooth Mtns., Clay Butte @ 9800' elev.,	08-Aug-11	EHW
<i>Erebia callias</i>	Park: Above Frozen Lake near Beartooth Pass	22-Aug-11	JJM
taken at 10325' elev., 44°57'48.10"N;-109°29'04.80"W			
<i>Erebia epipsodea</i>	Sublette: Slide Creek Falls, 8100' elev.,	13-Jul-11	PT1
<i>Erebia epipsodea</i>	Sublette: Lower Green River Lake, 8100' elev.,	13-Jul-11	PT1
<i>Erebia epipsodea</i>	Teton: 1.8 mi WNW of Teton Pass,	17-Jul-11	PT1
<i>Erebia magdalena</i>	Sublette: 1.5 mi WSW. Lost Eagle Peak, 11130' elev.,	16-Jul-11	PT1

<i>Erebia magdalena</i>	Johnson: 2 miles north of Powder River Pass	14-Aug-11	JJM
taken at 10450' elev., 44°10'6.12"N;-107°4'28.75"W			
<i>Erebia pawlowskii ethela</i>	Park: Beartooth Pass, WY	22-Aug-11	JJM
taken at 10965' elev., appeared to be emerging from <i>Carex parryana</i>			
<i>Oeneis bore taygete</i>	Carbon: Beartooth Mtns., Beartooth summit @ 10400' elev.,	08-Aug-11	EHW
<i>Oeneis bore taygete</i>	Park: Above Frozen Lake near Beartooth Pass	22-Aug-11	JJM
taken at 10325' elev., 44°57'48.10"N;-109°29'04.80"W			
<i>Oeneis chryxus</i>	Sublette: Lower Green River Lake, 8100' elev.,	13-Jul-11	PT1
<i>Oeneis chryxus</i>	Carbon: Beartooth Mtns., Clay Butte @ 9800' elev.,	08-Aug-11	EHW
<i>Speyeria aphrodite</i>	Sheridan: Approx. 6 miles NW of Dayton, WY	09-Jul-11	JJM
taken at 4,902' elev., 44°53'45.16"N;-107°22'31.51"W			
<i>Speyeria coronis</i>	Sheridan: Approx. 6 miles NW of Dayton, WY	09-Jul-11	JJM
taken at 4,902' elev., 44°53'45.16"N;-107°22'31.51"W			
<i>Speyeria mormonia</i>	Johnson: 2 miles north of Powder River Pass	14-Aug-11	JJM
taken at 10291' elev., 44°10'06.12"N;-107°04'28.75"W			
<i>Boloria chariclea</i>	Park: Above Frozen Lake near Beartooth Pass	22-Aug-11	JJM
taken at 10325' elev., 44°57'48.10"N;-109°29'04.80"W			
<i>Boloria eunomia</i>	Johnson: 1 mile north of Powder River Pass	14-Aug-11	JJM
taken at 9600' elev., 44°10'6.12"N;-107°4'28.75"W			
<i>Boloria freija</i>	Carbon: Libby Flats	02-Jul-11	JJM
taken at 10895' elev., 41°20'37.16"N;-106°18'10.27"W			
<i>Boloria kriemhild</i>	Sublette: Slide Creek Falls, 8150'- 9000' elev.,	13-Jul-11	PT1
<i>Boloria kriemhild</i>	Teton: 1.8 mi WNW of Teton Pass,	17-Jul-11	PT1
<i>Boloria kriemhild</i>	Carbon: Beartooth Mtns., Clay Butte @ 9800' elev.,	08-Aug-11	EHW
<i>Limenitis weidemeyerii</i>	Sheridan: Approx. 6 miles NW of Dayton, WY	09-Jul-11	JJM
taken at 4,902' elev., 44°53'45.16"N;-107°22'31.51"W			
<i>Vanessa cardui</i>	Johnson: 2 miles north of Powder River Pass	14-Aug-11	JJM
taken at 10291' elev., 44°10'06.12"N;-107°04'28.75"W			
<i>Aglais milberti</i>	Park: Cooke City & Red Lodge Beartooth Hwy212, 8500' elev	09-Aug-10	CEH
photo documentation by Nancy Silver, T58N, R195W, Sec. 14			
<i>Polygonia faunus</i>	Sheridan: Little Goose Canyon	27-May-11	JJM
taken at 5460' elev., 44°35'03.22"N;-107°02'14.22"W			
<i>Polygonia faunus</i>	Sheridan: South Piney Creek near Story, WY	10-Sep-11	JJM
taken at 5560' elev., 44°33'27.00"N;-106°55'59.99"W			
<i>Polygonia satyrus</i>	Sheridan: Little Goose Canyon	27-May-11	JJM
taken at 5460' elev., 44°35'03.22"N;-107°02'14.22"W			
<i>Chlosyne palla calydon</i>	Teton: 1.8 mi WNW of Teton Pass,	17-Jul-11	PT1
<i>Chlosyne whitneyi</i>	Johnson: 2 miles north of Powder River Pass	14-Aug-11	JJM
taken at 10291' elev., 44°10'06.12"N;-107°04'28.75"W			
<i>Phyciodes tharos</i>	Sheridan: Approx. 6 miles NW of Dayton, WY	09-Jul-11	JJM
taken at 4,902' elev., 44°53'45.16"N;-107°22'31.51"W			
<i>Euphydryas anicia</i>	Campbell: Arch Creek	22-Jun-11	JJM
taken at 4220' elev., 44°17'30.22"N;-104°39'04.98"W			
<i>Euphydryas anicia</i>	Bighorn: 1 mile SW of Shell Reservoir	17-Jul-11	JJM
taken at 9560' elev., 44°30'14.84"N;-107°25'50.20"W			
<i>Euphydryas anicia windi</i>	Sublette: 1.0 mi WNW of Slide Lake, 9000' elev.,	16-Jul-11	PT1
<i>Euphydryas gillettii</i>	Carbon: Beartooth Mtns., annual study sites,	08-Aug-11	EHW
noted many fresh specimens still flying and exhibiting courtship behavior and ovipositing, late season			

Moths

COSSIDAE

<i>Givira lucretia</i>	CARBON: Seminoe Mts. at N. end of Seminoe Reservoir	18-Jul-11	JJM
taken at 6790' elev., juniper scrub habitat, 42°08'35.20"N;-106°54'09.95"W			
<i>Prionoxystus robiniae</i>	CARBON: Seminoe Mts. at N. end of Seminoe Reservoir	18-Jul-11	JJM
taken at 6790' elev., juniper scrub habitat, 42°08'35.20"N;-106°54'09.95"W			

GEOMETRIDAE

<i>Hesperumia sulphuraria</i>	CARBON: Seminoe Mts. at N. end of Seminoe Reservoir	18-Jul-11	JJM
taken at 6790' elev., juniper scrub habitat, 42°08'35.20"N;-106°54'09.95"W			
<i>Hulstina formosata</i>	CARBON: Seminoe Mts. at N. end of Seminoe Reservoir	18-Jul-11	JJM
taken at 6790' elev., juniper scrub habitat, 42°08'35.20"N;-106°54'09.95"W			
<i>Euchlaena irraria</i>	SHERIDAN: 5.5 miles SW of Big Horn, WY	09-Jul-11	JJM
taken at 5725' elev., foothill aspen grove, 44°37'39.56"N;-107°5'2.95"W			
<i>Euchlaena obtusaria</i>	SHERIDAN: 5.5 miles SW of Big Horn, WY	09-Jul-11	JJM
taken at 5725' elev., foothill aspen grove, 44°37'39.56"N;-107°5'2.95"W			
<i>Plataea trilinearia</i>	CARBON: Rest area on 487	03-Jul-11	JJM
taken at 6490' elev., 42°24'54.31"N;-106°22'49.73"W			
<i>Tetracis cachexiata</i>	SHERIDAN: 5.5 miles SW of Big Horn, WY	09-Jul-11	JJM
taken at 5725' elev., foothill aspen grove, 44°37'39.56"N;-107°5'2.95"W			

<i>Prochoerodes amplicineraria</i>	CARBON: Seminoe Mts. at N. end of Seminoe Reservoir taken at 6790' elev., juniper scrub habitat, 42°08'35.20"N;-106°54'09.95"W	18-Jul-11	JJM
<i>Prochoerodes forficaria</i>	SHERIDAN: 5.5 miles SW of Big Horn, WY taken at 5725' elev., foothill aspen grove, 44°37'39.56"N;-107°5'2.95"W	09-Jul-11	JJM
<i>Chlorosea banksaria</i>	CARBON: Seminoe Mts. at N. end of Seminoe Reservoir taken at 6790' elev., juniper scrub habitat, 42°08'35.20"N;-106°54'09.95"W	18-Jul-11	JJM
<i>Haematopis grataria</i>	SHERIDAN: Acme, WY taken at 3640' elev., 44°54'15.75"N;-107°0'49.68"W	09-Jul-11	JJM
<i>Haematopis grataria</i>	CROOK: Moorcroft rest area taken at 4165' elev., 44°16'30.55"N;-104°58'23.15"W	10-Aug-11	JJM
<i>Stamnodes topazata</i>	CARBON: Libby Flats taken at 10895' elev., 41°20'37.16"N;-106°18'10.27"W	02-Jul-11	JJM
LASIOCAMPIDAE			
<i>Malacosoma disstria</i>	CARBON: Seminoe Mts. at N. end of Seminoe Reservoir taken at 6790' elev., juniper scrub habitat, 42°08'35.20"N;-106°54'09.95"W	18-Jul-11	JJM
SATURNIIDAE			
<i>Hyalophora columbia gloveri</i>	Converse: 6 mi. S of Douglas, BAMONA website juried photo, contributor unknown	10-Jul-11	CEH
SPHINGIDAE			
<i>Sphinx asellus</i>	CARBON: Seminoe Mts. at N. end of Seminoe Reservoir taken at 6790' elev., juniper scrub habitat, 42°08'35.20"N;-106°54'09.95"W	18-Jul-11	JJM
NOCTUIDAE			
<i>Anagrapha falcifera</i>	BIGHORN: Approx. 1 mile south of Shell Creek ranger station taken at 8410' elev., 44°32'13.52"N;-107°30'22.83"W	17-Jul-11	JJM
<i>Schinia cumatilis</i>	CROOK: Moorcroft rest area taken at 4165' elev., 44°16'30.55"N;-104°58'23.15"W	10-Aug-11	JJM
<i>Apamea amputatrix</i>	CARBON: Seminoe Mts. at N. end of Seminoe Reservoir taken at 6790' elev., juniper scrub habitat, 42°08'35.20"N;-106°54'09.95"W	18-Jul-11	JJM
<i>Apamea occidens</i>	SHERIDAN: 5.5 miles SW of Big Horn, WY taken at 5725' elev., foothill aspen grove, 44°37'39.56"N;-107°5'2.95"W	09-Jul-11	JJM
<i>Apamea occidens</i>	CARBON: Seminoe Mts. at N. end of Seminoe Reservoir taken at 6790' elev., juniper scrub habitat, 42°08'35.20"N;-106°54'09.95"W	18-Jul-11	JJM
<i>Lacinipolia strigicollis</i>	CARBON: Seminoe Mts. at N. end of Seminoe Reservoir taken at 6790' elev., juniper scrub habitat, 42°08'35.20"N;-106°54'09.95"W	18-Jul-11	JJM
<i>Euxoa vallis</i>	JOHNSON: 2 miles north of Powder River Pass taken at 10450' elev., 44°10'6.12"N;-107°4'28.75"W	14-Aug-11	JJM
<i>Noctua pronuba</i>	SHERIDAN: Sheridan, 752 Sumner taken at 3780' elev., 44°47'23.22"N;-106°57'11.36"W	09-Jun-11	JJM
<i>Noctua pronuba</i>	CARBON: Seminoe Mts. at N. end of Seminoe Reservoir taken at 6790' elev., juniper scrub habitat, 42°08'35.20"N;-106°54'09.95"W	18-Jul-11	JJM
<i>Abagrotis forbesi</i>	CARBON: Seminoe Mts. at N. end of Seminoe Reservoir taken at 6790' elev., juniper scrub habitat, 42°08'35.20"N;-106°54'09.95"W	18-Jul-11	JJM
EREBIDAE			
<i>Grammia williamsii</i>	Carbon: Seminoe Mts. at N. end of Seminoe Reservoir taken at 6790' elev., juniper scrub habitat, 42°08'35.20"N;-106°54'09.95"W	18-Jul-11	JJM
<i>Dasychira griseifacta</i>	CROOK: Moorcroft rest area taken at 4165' elev., 44°16'30.55"N;-104°58'23.15"W	10-Aug-11	JJM

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

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MANITOBA

Kyle Johnson submitted the following records.

Butterflies

LYCAENIDAE

Feniseca tarquinius : Route 19, 50.674 degrees N, 99.677 degrees W 11-Jun-11 RAR
West in Canade: observed dead in road, Riding Mountain NP, by Laura Burns, Fiona Le Taro & Gard W. Otis

Moths

TORTRICIDAE

Acleris oxycoccana : Eastman region, Reed River Peatlands 04-Oct-11 KEJ
common

GEOMETRIDAE

Lambdina fiscellaria : Eastman region, ENE of Whitemouth Lake 04-Oct-11 KEJ
at bait

NOCTUIDAE

Scoliopteryx libatrix : Eastman region, ENE of Whitemouth Lake 04-Oct-11 KEJ
at bait

Spodoptera frugiperda : Eastman region, ENE of Whitemouth Lake 04-Oct-11 KEJ
at bait

Enargia decolor : Eastman region, ENE of Whitemouth Lake 04-Oct-11 KEJ
at bait

Oligia illocata : Eastman region, ENE of Whitemouth Lake 04-Oct-11 KEJ
at bait

Oligia minuscula : Eastman region, Reed River Peatlands 04-Oct-11 KEJ
rather late date

Xylena curvimacula : Eastman region, ENE of Whitemouth Lake 04-Oct-11 KEJ
at bait

Xylena nupera : Eastman region, ENE of Whitemouth Lake 04-Oct-11 KEJ
at bait

Lithophane disposita : Eastman region, ENE of Whitemouth Lake 04-Oct-11 KEJ
at bait

Lithophane pexata : Eastman region, ENE of Whitemouth Lake 04-Oct-11 KEJ
at bait

Lithophane thaxteri : Eastman region, ENE of Whitemouth Lake 04-Oct-11 KEJ
at bait

Agrochola bicolorago : Eastman region, ENE of Whitemouth Lake 04-Oct-11 KEJ
at bait

Xanthia togata : Eastman region, ENE of Whitemouth Lake 04-Oct-11 KEJ
at bait

Mythimna unipuncta : Eastman region, ENE of Whitemouth Lake 04-Oct-11 KEJ
at bait

Peridroma saucia : Eastman region, ENE of Whitemouth Lake 04-Oct-11 KEJ
at bait

Agrotis ipsilon : Eastman region, ENE of Whitemouth Lake 04-Oct-11 KEJ
at bait

KANSAS

Moths

OECOPHORIDAE

Rectiostoma xanthobasis CRAWFORD: Pittsburg, 2 W (Mined Lands WA) 04-Aug-09 KLS
STATE record; leg Glenn A. Salsbury; id Charles A. Ely

Semioscopis packardella LEAVENWORTH: Lansing, 2 S 23-Apr-09 KLS
STATE record; leg John M. Schukman; ID Charles A. Ely

BLASTOBASIDAE

Valentinia glandulella CHEROKEE: Galena, 2.5 S (Schermerhorn Pk) 13-Sep-07 KLS
leg Linda L. Phipps; id Charles A. Ely

Valentinia glandulella CRAWFORD: Frontenac 20-Aug-11 KLS
STATE record; leg GA Salsbury, id Charles A. Ely

MOMPHIDAE

Mompha eloisella BOURBON: Elm Creek Lake 27-Jun-11 KLS
leg Glenn A. Salsbury; id Charles A. Ely

CRAMBIDAE

Evergestis vinctalis THOMAS: Colby 13-May-81 KLS
leg Vernon L. Wranosky; ID Charles A. Ely

Fumibotys fumalis CHEROKEE: Galena, 2 S (Schermerhorn Pk) 11-Sep-07 KLS
STATE record; leg Linda L Phipps; ID Charles A. Ely

Lipocosma sicalis	CRAWFORD: Pittsburg, 2 W	18-Jun-11		KLS
leg Glenn A. Salsbury; ID Charles A. Ely				
Pyrausta inornatalis	CRAWFORD: Frontenac	27-Jul-09		KLS
leg Glenn A. Salsbury; id Charles A. Ely				
Pyrausta inornatalis	Crawford: Frontenac	10-Sep-11		KLS
few Kansas specimens; leg & id Glenn A. Salsbury				
PYRALIDAE				
Tosale oviplagalis	LEAVENWORTH: Lansing, 2 S	30-May-08		KLS
leg John M. Schukman; id Charles A. Ely				
Tosale oviplagalis	CHEROKEE: Galena, 2 S (Schermerhorn Pk)	04-Aug-08		KLS
leg and id Charles A. Ely				
Pococera baptisiella	LEAVENWORTH: Leavenworth	05-Sep-10		KLS
STATE record; leg John J. Bollin III; id Charles A. Ely				
Meroptera cviatella	CRAWFORD: Pittsburg, 2 W	29-May-11		KLS
STATE record; leg Glenn A. Salsbury; id Charles A. Ely				
Tlascala reductella	CRAWFORD: Pittsburg, 2 W (Mined Lands WA)	07-Apr-09		KLS
leg Glenn A. Salsbury; id Charles A. Ely				
ZYGAENIDAE				
Acoloitus falsarius	MIAMI: Jingo, 3 E	25-May-11	01-Jul-11	KLS
STATE record; leg Glenn A. Salsbury; id Charles A. Ely				
COSSIDAE				
Givira anna	Crawford: Pittsburg, 2 W	14-Jul-11		KLS
few Kansas specimens; leg Glenn A. Salsbury; id Charles A. Ely				
LIMACODIDAE				
Prolimacodes badia	CRAWFORD: Pittsburg, 2W	19-Jul-11		KLS
leg & id Glenn A. Salsbury				
Natada nasoni	CHEROKEE: Galena, 2.5 S (Schermerhorn Pk)	01-Sep-09		KLS
STATE record; leg and id Charles A. Ely				
Isa textula	LEAVENWORTH: Leavenworth	30-Jun-10		KLS
STATE record; leg John J. Bollin III; id Charles A. Ely				
Monoleuca semifascia	CHEROKEE: Weir, 1 W, 0.5 N	08-Aug-09		KLS
leg Mike E. Bollin; ID Charles A. Ely				
Monoleuca semifascia	BOURBON: Elm Creek Lake	27-Jun-11		KLS
leg Glenn A. Salsbury; ID Charles A. Ely				
TORTRICIDAE				
Hysterosia oenotherana	CRAWFORD: Frontenac	10-Aug-11	16-Aug-11	KLS
leg Glenn A. Salsbury; id Charles A. Ely				
Hysterosia oenotherana	BOURBON: Elm Creek Lake	31-Aug-11		KLS
leg Glenn A. Salsbury; id Charles A. Ely				
EPIPLEMIDAE				
Callizzia amorata	CRAWFORD: Pittsburg, 2 W	14-May-10		KLS
leg Glenn A. Salsbury; ID Charles A. Ely				
GEOMETRIDAE				
Plagodis alcoalaria	CRAWFORD: Pittsburg, 2 W	09-Jul-11		KLS
STATE record; leg Glenn A. Salsbury; id Charles A. Ely				
Euasplates spinataria	CHEYENNE: Devil's Gap Cyn 17 mi NW St Francis along Co Rd 2	18-Jul-10		JKA
very few KS records				
Eusarca packardaria	CRAWFORD: Frontenac	27-Jul-09		KLS
STATE record; leg Glenn A. Salsbury; id Charles A. Ely				
THYATIRIDAE				
Euthyatira pudens	ATCHISON: Potter, 8 E, 0.5 N (bluff forest)	15-Apr-10		KLS
STATE record; leg John J. Bollin III; ID Charles A. Ely				
SPHINGIDAE				
Eumorpha fasciatus	CRAWFORD: Frontenac	16-Jul-09		KLS
STATE record; leg & id Glenn A. Salsbury				
NOTODONTIDAE				
Cerura scitiscapta	CRAWFORD: Pittsburg, 2 SW	23-Jul-11		KLS
leg Glenn A. Salsbury; id Charles A. Ely				
Heterocampa umbrata	CRAWFORD: Frontenac	29-May-11		KLS
leg Glenn A. Salsbury; id Charles a. Ely				
Hippia packardii	Barber: Medicine Lodge	19-Jul-09		KLS
few KS records; leg Dennis R. Angle; id James K. Adams				
NOCTUIDAE				
Hypena minualis	LEAVENWORTH: Leavenworth	11-Sep-11		KLS
leg John J. Bollin; ID Jam Metlevski				
Amolita fessa	CRAWFORD: Frontenac	10-Sep-11		KLS
leg Glenn A. Salsbury; id Charles A. Ely				

<i>Scoliopteryx libatrix</i> leg John J. Bollin III; id Charles A. Ely	ATCHISON: Potter, 8 E, 0.5 N (Bollin farm)	13-Apr-10		KLS
<i>Melipotis acontioides</i> STATE record; leg Charles A. Ely; id Jan Metlevski	RUSH: Lacrosse	21-Oct-80		KLS
<i>Melipotis cellaris</i> STATE record; leg Thomas L. Flowers, id confirmed Jan Metlevski	MEADE: Meade	31-Aug-07		KLS
<i>Drasteria tejonica</i> STATE record; leg JJBollin III, id confirmed Jan Metlevs	MORTON: Elkhart, 7.5 N, 4.5 E (CNG)	07-May-11		KLS
<i>Zale edusina</i> STATE record; leg Thomas L. Flowers; id Jan Metlevski	MEADE: Meade	17-Jun-07		KLS
<i>Deltote bellicula</i> leg Glenn A. Salsbury; id Charles A. Ely	CRAWFORD: Frontenac	04-Jul-11	08-Jul-11	KLS
<i>Colocasia propinquinia</i> leg JJ Bollin III; id Jan Metlevski	ATCHISON: Potter, 8 E., 0.5 N (Bollin farm)	13-Apr-10		KLS
<i>Colocasia propinquinia</i> leg Glenn A. Salsbury; id Jan Metlevski	CHEROKEE: Galena, 2.5 S (nr Schermerhorn Pk)	06-May-10		KLS
<i>Acronicta tritona</i> STATE record; leg Glenn A. Salsbury; id Charles A. Ely	CRAWFORD: Frontenac	06-Jun-11		KLS
<i>Simyra henrici</i> leg Glenn A. Salsbury; id Charles A. Ely	Crawford: Frontenac	04-Jul-11	08-Jul-11	KLS
<i>Simyra insularis</i> leg Glenn A. Salsbury; id Charles A. Ely	Crawford: Frontenac	04-Jul-11	08-Jul-11	KLS
<i>Harrisimemna trisignata</i> leg & ID Glenn A. Salsbury	NEOSHO: St. Paul, 1 S	17-Aug-10		KLS
<i>Harrisimemna trisignata</i> leg & id Glenn A. Salsbury; few specimens Kansas	CRAWFORD: Pittsburg, 2 W	18-Jun-11		KLS
<i>Cucullia luna</i> leg Kenneth L. Brunson, id CA Ely, 2nd record	Morton: Elkhart, 2.5 N (Turnerville Sta)	07-May-11		KLS
<i>Sympistis occata</i> leg Thomas L. Flowers; id James K. Adams	Meade: Meade	14-Oct-07		KLS
<i>Sympistis dinalda</i> leg James E. Mason; id Jan Metlevski	OSAGE: Lyndon, 2.5 E, 0.5 N	06-Jun-09		KLS
<i>Sympistis dinalda</i> leg Glenn A. Salsbury; id Jan Metlevski	CRAWFORD: Pittsburg, 2 W	18-Jun-11		KLS
<i>Nocloa duplicatus</i> leg Kenneth L. Brunson; id Ed C. Knudson	PRATT: Pratt, 1 N, 3 E	07-Apr-09		KLS
<i>Nocloa duplicatus</i> leg Thomas L. Flowers; id confirmed Jan Metlevski	MEADE: Meade	06-Jun-10		KLS
<i>Plagiomimicus pityochromus</i> leg Dennis R. Angle; id Charles A. Ely	BARBER: Medicine Lodge	23-Jul-09		KLS
<i>Basilodes pepita</i> leg Glenn A. Salsbury; id Charles A. Ely	CRAWFORD: Frontenac	31-Aug-11		KLS
<i>Azenia implora</i> STATE record; leg Charles A. Ely, id Ed C. Knudson	GRANT: Ulysses, 1 E, 1.5 S	22-Jul-89		KLS
<i>Pyrrhia umbra</i> leg Glenn A. Salsbury; id Charles A. Ely	CRAWFORD: Frontenac	04-Aug-08		KLS
<i>Pyrrhia umbra</i> leg John J. Bollin III; id James K. Adams	LEAVENWORTH: Leavenworth	22-May-10		KLS
<i>Schinia bimatrix</i> , few in state	CHEYENNE: Devil's Gap Cyn 17 mi NW St Francis along Co Rd 2	18-Jul-10		JKA
<i>Schinia cupes</i> leg Thomas L. Flowers, id Charles A. Ely	Meade: Meade	04-Jul-09		KLS
<i>Schinia roseitincta</i> very local in state	CHEYENNE: Devil's Gap Cyn 17 mi NW St Francis along Co Rd 2	18-Jul-10		JKA
<i>Apamea quinteri</i> leg Glenn A. Salsbury; ID Jan Metlevski	CRAWFORD: Pittsburg, 2 W (Mined Lands WA)	08-Jul-09		KLS
<i>Oligia fractilinea</i> leg Glenn A. Salsbury; ID Charles A. Ely	CRAWFORD: Pittsburg, 2 W	25-Aug-11		KLS
<i>Archanara oblonga</i> leg John M Schukman; id Charles A. Ely	WYANDOTTE: Wolcott, 3 W, 1 S	12-Oct-08		KLS
<i>Achatodes zaeae</i> leg John J. Bollin; id Jan Metlevski; few KS records	LEAVENWORTH: Leavenworth	17-Jun-10		KLS
<i>Lithophane bethunei</i> leg John J. Bollin III; id Charles A. Ely	LEAVENWORTH: Leavenworth	19-Oct-09		KLS
<i>Lithophane petulca</i> leg John J. Bollin III; id James K. Adams	LEAVENWORTH: Leavenworth	18-Mar-10		KLS
<i>Pyreferra pettiti</i> STATE record; leg John J. Bollin III; id confirmed Jan Metlevsky	ATCHISON: Potter, 8 E, 0.5 N (bluff forest)	15-Apr-10		KLS

Metaxaglaea viatica leg Glenn A. Salisbury; ID Charles A. Ely	CRAWFORD: Frontenac	25-Oct-11	KLS
Eucirroedia pampina leg Glenn A. Salisbury; id Charles A. Ely	CRAWFORD: Frontenac	20-Oct-10	KLS
Ufeus satyricus leg Kenneth L. Brunso; id Jan Metlevski	PRATT: Pratt, 3 E, 1 N	30-Oct-08	KLS
Trichordestra legitima leg Glenn A. Salisbury; id Charles A. Ely	BOURBON: Fort Scott, 10 SW (Hollister WA)	21-Aug-09	KLS
Trichordestra legitima leg Glenn A. Salisbury; id Charles A. Ely	CRAWFORD: Frontenac	02-Sep-10	KLS
Hadena capsularis leg Thomas L. Flowers; id Charles A. Ely	MEADE: Meade	25-May-08	KLS
Hadena capsularis leg Kenneth L. Brunson; id Charles A. Ely	PRATT: Pratt, 3 E, 1 N	22-May-09	KLS
Lacinipolia explicata leg Glenn A. Salisbury; id Jan Metlevski	CRAWFORD: Pittsburg, 2 W	14-Sep-11	KLS
Lacinipolia meditata leg Thomas L. Flowers; id confirmed Jan Metlevski	MEADE: Meade	14-Sep-10	KLS
Homorthodes lindseyi leg Glenn A. Salisbury; id Jan Metlevski	CRAWFORD: Frontenac	21-May-09	KLS
Protorthodes incincta leg June R. Kliesen; id Jan Metlevski	COMANCHE: Wilmore, 12.1 SE	03-Oct-08	KLS
Ulolonche orbiculata leg Kenneth L. Brunson; id Jan Metlevski	MORTON: Elkhart, 2.5 N (Turnerville Sta)	07-May-11	KLS
Orthodes cynica leg Glenn A. Salisbury; id James K. Adama	CRAWFORD: Frontenac	19-May-09	KLS
Tricholita signata leg Glenn A. Salisbury; id Charles A. Ely	BOURBON: Fort Scott, 10 SW (Hollister WA)	21-Aug-09	KLS
EREBIDAE			
Crambidia cephalica leg Kenneth L. Brunson; id Charles A. Ely	MORTON: Elkhart, 2.5 N (Turnerville Sta)	07-May-11	KLS
Phragmatobia lineata STATE record; leg John J. Bollin III; id Jan Metlevski	ATCHISON: Potter, 8 E., 0.5 N (Grape farm, gate)	06-Aug-10	KLS

NEBRASKA

State Coordinator Neil Dankert submitted the following report, which was followed by several independent additions by Steve Spomer.

Butterflies

HESPERIIDAE

Epargyreus clarus common	JEFFERSON: Rock Creek Station SHP	10-May-11	SMS
Epargyreus clarus	WEBSTER: Indian Creek SWMA	19-Jun-11	NED
Epargyreus clarus	HAMILTON: Jct Hwys 14 & 66	20-Jun-11	NED
Epargyreus clarus common	COLFAX: Camp Luther	18-Aug-11	SMS
Pholisora catullus several observed	THAYER: Meridian SWMA	10-May-11	SMS
Erynnis baptisiae	JEFFERSON: 2 mi E Alexandria	10-May-11	SMS
Amblyscirtes vialis 1 collected	GARFIELD: Homestead Knolls Cgd, Calamus Reservoir SRA	30-May-11	NED
Ancyloxypha numitor 1 collected, 12 observed	CUMING: Black Island SWMA	25-Jun-11	NED
Hylephila phyleus 1 collected	FRANKLIN: 1.5 mi S, 3 mi W Franklin	28-Aug-11	NED
Polites mystic 1 collected, 3 observed	ROCK: 35 mi S, 5 mi W Bassett	08-Jul-11	NED
Polites origenes 1 collected	GAGE: Rockford Lake	08-Sep-11	SMS
Polites peckius 1 collected	HOWARD: Jct Hwys 281 & 92	22-Jun-11	NED
Polites themistocles 1 collected, 1 observed	WEBSTER: Indian Creek SWMA	19-Jun-11	NED
Euphyes vestris 1 collected	LOUP: Kent Diversion SWMA	06-Jul-11	NED

PAPILIONIDAE

Papilio polyxenes 1 observed	FRANKLIN: 1.5 mi S, 2 mi W Franklin	28-Aug-11	NED
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LYCAENIDAE

Feniseca tarquinius	SEWARD: Milford I-80 Rest Area	23-Jun-11	SMS
Satyrrium acadica 6 collected	ROCK: CR 864, 0.5 mi E Hwy 183	08-Jul-11	NED
Plebejus melissa	JEFFERSON: 2 mi E Alexandria	20-May-11	SMS
NYMPHALIDAE			
Danaus plexippus	CUMING: Black Island SWMA	25-Jun-11	NED
Lethe anthedon 1 collected	CUMING: Black Island SWMA	25-Jun-11	NED
Lethe anthedon 1 collected	GAGE: Rockford Lake	08-Sep-11	SMS
Megisto cymela	HARLAN: Republican River @ Hwy 89	23-Jun-11	SMS
Megisto cymela 1 collected	CUMING: Black Island SWMA	25-Jun-11	NED
Megisto cymela 1 collected, 12 observed	LOUP: Kent Diversion SWMA	06-Jul-11	NED
Limnitis arthemis astyanax 1 observed	COLFAX: in Clarkson	23-Jun-11	DKM
Nymphalis antiopa	CASS: Mahoney SP	23-May-11	SMS
Nymphalis antiopa observed	FRANKLIN: 3 mi S Franklin	23-Jun-11	SMS
Polygonia progne 3 collected	STANTON: Red Fox SWMA	23-Jun-11	NED
Chlosyne nycteis 1 collected	STANTON: Red Fox SWMA	23-Jun-11	NED
Chlosyne nycteis 1 observed	LOUP: Kent Diversion SWMA	06-Jul-11	NED
Moths			
SATURNIIDAE			
Eacles imperialis leg. Natalia Bjorkland	DODGE:	30-Jun-11	SMS
Eacles imperialis leg. Boone Evans	BURT:	22-Jul-11	SMS
SPHINGIDAE			
Ceratomia undulosa leg. Natalia Bjorkland	GREELEY:	20-Aug-11	SMS
Sphinx kalmiae 1 collected	NEMAHA: Indian Cave SP	26-Aug-11	SMS
NOCTUIDAE			
Catocala amatrix leg. Cody Elliot	BURT:	28-Jul-11	SMS
Catocala epione leg. Lena Hughes	SEWARD:	20-Jul-11	SMS
Catocala illecta 1 collected	RICHARDSON: Indian Cave SP, Trail 7	30-Jun-11	SMS
Catocala meskei leg. Mark Keck	PIERCE: Plainview	15-Jul-11	SMS
Catocala obscura 1 collected, STATE	NEMAHA: Indian Cave SP	26-Jul-11	SMS
Catocala robinsoni 2 collected	NEMAHA: Indian Cave SP	12-Sep-11	SMS
Catocala vidua 1 collected	NEMAHA: Indian Cave SP	12-Sep-11	SMS

NORTH DAKOTA

State Coordinator Ron Royer reports that 2011 was essentially a butterfly disaster across much of western North Dakota. Record-breaking late winter snowfall levels, coupled with extended low winter and spring temperatures, preceded relentless rainfall during June, leading to record flooding across both Missouri and Souris River watersheds. The Souris River Valley (northwestern part of the state) remained in flood well into August, and many flood plain flora were completely eliminated, especially such important woodland Rosaceae as Prunus and Amelanchier. As a consequence of these events, most native butterfly species, particularly those associated with riparian habitats, simply did not appear in 2011. With widespread contemporaneous "overland" flooding of prairies and other upland habitats lying outside the western river valleys, a massive bloom of Pieris rapae replaced most native prairie butterfly taxa in many areas in the western half of the state later in the summer.

Moths

NOCTUIDAE

Melipotis indomita	:	24-Jun-11	LK1
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OKLAHOMA

2011 John Fisher reports "was a heck of a year" in Oklahoma. February with record breaking blizzards, snowfalls, and low temperatures. The official record low temperature for the state, (-31° F) was set in Nowata County northeast of Tulsa. By late summer, approximately 95% of the state was in an extreme or extraordinary drought with many areas in the western part of the state not having had measurable precipitation in over a year. By fall the drought had broken for most of the state except for the Panhandle and northwest. Forecasts call for a dry winter and a return of La Nina.

The Diana Fritillary continues its apparent range expansion with four males found on TNC's Tallgrass Prairie Preserve during the 2011 annual butterfly count. 3 were on the prairie proper nectaring on milkweed in conjunction with *S. idalia* & *S. cybele*. A fourth was found 1.5 miles away in a crosstimbers area. All were very fresh. No females have been sighted on the preserve, but in Tulsa County males were sighted a couple of years prior to the first sighting of a female. Both sexes are seen every summer now so the species is likely breeding in the Tulsa area

Butterflies

HESPERIIDAE

Cogia outis photo	WAGONER: Lake Bixhoma	17-Jun-11	JWA
Erynnis brizo photo	PONTOTOC: TNC Pontotoc Ridge Preserve	21-Mar-11	JAT
Erynnis juvenalis photo by Lou Truax	TILLMAN: Hackberry Flat WMA	31-Mar-11	JFF
Amblyscirtes hegon photo	MCCURTAIN: Cedar Creek area	19-Apr-11	BAH
Hesperia attalus photo	DEWEY: Carmargo, 3 mi N on Hwy 34	29-May-11	JP2
Hesperia meskei photo, det. A Warren, several individuals. In conjunction with Hesperia leonardus, STATE	ATOKA: McGee Creek WMA, Oak Flats Rd	14-Oct-11	JWA
Hesperia metea photo	PONTOTOC: TNC Pontotoc Ridge Preserve	09-Apr-11	JAT
Hesperia ottoe	DEWEY: Carmargo, 3 mi N on Hwy 34	29-May-11	JFF
Hesperia uncas on Asclepias tuberosa at roadside	DEWEY: Camargo, 3 mi N on Hwy 34	29-May-11	JFF
Hesperia viridis photo	DEWEY: Carmargo, 2 mi W on county rd	29-May-11	JP2
Wallengrenia egeremet photo	ALFALFA: Byron Hatchery	01-Jun-11	JWA
Atrytone arogos iowa photo	DEWEY: Carmargo, 2 mi W on county rd	29-May-11	JP2
Poanes viator photo	WAGONER: McClellan-Kerr WMA, Vann's Lake	15-Aug-11	A&W

PAPILIONIDAE

Battus philenor photo	ELLIS: TNC Four Canyon Preserve	18-Apr-11	JP2
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LYCAENIDAE

Satyrrium titus photo on Asclepias tuberosa	MCCURTAIN: Cedar Creek at USFS Rd 53000	04-Jun-11	BAH
Phaenostymon alcestitis photo	CHEROKEE: Cherokee WMA, NW corner	11-Jun-11	SKS
Callophrys henrici photo on Prunus mexicana	MCCURTAIN: Idabel, 5 mi SE	15-Mar-11	BAH
Parrhasius m-album fore wing, leg. D Hanks	JOHNSTON: Tishomingo NWR .5 mi SE of main entrance	19-Jul-11	JFF
Brephidium exilis photo. SKS -simultaneous sighting at slightly different location	ATOKA: McGee Creek WMA, Oak Flats Rd	14-Oct-11	JWA

NYMPHALIDAE

Megisto cymela photo	ALFALFA: Salt Plains NWR, nr. Sand Creek obs. tower	01-Jun-11	JWA
Speyeria diana photo by Marilyn Stewart, male on Centaurea americana	SEMINOLE: Seminole, at native plant nursery	03-Jun-11	JFF
Speyeria diana photo, leg. JFF, 3 males in conjunction with <i>S. idalia</i> & <i>S. cybele</i> on <i>Asclepias tuberosa</i> & <i>syriaca</i>	OSAGE: TNC Tallgrass Prairie Preserve, Prairie Eryth Trl	18-Jun-11	GLP
Vanessa annabella photo, 2nd record for state	TEXAS: Texhoma	30-Sep-11	KFS
Polygonia comma photo	ROGER MILLS: Antelope Hills	14-Oct-10	ES1
Phyciodes phaon photo	ROGER MILLS: Black Kettle Nat'l Grassland, Spring Creek Lake	04-Sep-10	ES1

Moths**PRODOXIDAE**

Prodoxus quinquepunctella LATIMER: Robbers Cave SP, cabin area 06-May-11 JMN
at BL

OECOPHORIDAE

Antaeotricha leucillana LATIMER: Robbers Cave SP, cabin area 06-May-11 JMN
at BL

Antaeotricha schlaegeri PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area 20-May-11 F-N
at BL

GELECHIIDAE

Stegasta bosqueella TULSA: Bixby 02-Apr-11 JMN
at BL

BLASTOBASIDAE

Valentinia glandulella PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area 20-May-11 F-N
at BL

YPONOMEUTIDAE

Atteva pustulella MURRAY: Chickasaw NRA 15-Oct-11 F-N
at BL

THYRIDIDAE

Thyris sepulchralis LEFLORE: Upper Kiamichi Wilderness Area, Ouachita Trl 26-Mar-11 RJJ
photo

Thyris sepulchralis PONTOTOC: TNC Pontotoc Ridge Preserve 08-Apr-11 JAT
photo

Thyris sepulchralis JOHNSTON: TNC Pontotoc Ridge Preserve, south end gate 09-Apr-11 JAT
photo

CRAMBIDAE

Achyra rantalis MURRAY: Chickasaw NRA 15-Oct-11 F-N
at BL

Agriphila vulgivagella MURRAY: Chickasaw NRA 15-Oct-11 F-N
at BL

Anageshna primordialis LATIMER: Robbers Cave SP, cabin area 06-May-11 JMN
at BL

Argyria rufisignella OSAGE: Keystone Lake, Peninsula area 10-Sep-09 PWR
photo, at light

Crambus agitatellus PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area 20-May-11 F-N
2, at BL

Crambus leachellus MURRAY: Chickasaw NRA 15-Oct-11 F-N
at BL

Desmia maculalis LATIMER: Robbers Cave SP, cabin area 06-May-11 JMN
at BL

Diatraea venosalis PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area 20-May-11 F-N
5, at BL, STATE

Epipagis huronalis PAWNEE: Keystone Lake, Peninsula area 20-Aug-09 PWR
photo, at light

Euchromius ocellus MURRAY: Chickasaw NRA 15-Oct-11 F-N
at BL

Evergestis unimacula LATIMER: Robbers Cave SP, cabin area 06-May-11 JMN
at BL, STATE

Lineodes interrupta MURRAY: Chickasaw NRA 15-Oct-11 F-N
at BL

Lipocosma sicalis LATIMER: Robbers Cave SP, cabin area 06-May-11 JMN
2, at BL

Ostrinia penitalis MCCURTAIN: Red Slough WMA 13-Jul-11 KCW
photo

Palpita kimballi PAWNEE: Keystone Lake, Peninsula area 22-Aug-09 PWR
photo, at light

Palpita quadristigmalis PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area 20-May-11 F-N
at BL

Thaumatopsis fernaldella ELLIS: TNC Four Canyon Preserve, HQ 15-Oct-10 JFF
at BL

Urola nivalis LATIMER: Robbers Cave SP, cabin area 06-May-11 JMN

Urola nivalis MURRAY: Chickasaw NRA 15-Oct-11 F-N
at BL

PYRALIDAE

Pyralis farinalis PAWNEE: Keystone Lake, Peninsula area 01-Sep-09 PWR
photo, at light

Parachma ochracealis at BL	ELLIS: TNC Four Canyon Preserve, HQ	25-May-11	JFF
Galasa nigrinodis photo, at light	PAWNEE: Keystone Lake, Peninsula area	10-Sep-09	PWR
Oneida lunulalis photo, at light	PAWNEE: Keystone Lake, Peninsula area	15-Aug-09	PWR
Salebriaria tenebrosella at BL	LATIMER: Robbers Cave SP, cabin area	06-May-11	JMN
Dolichomia olinalis at BL	MURRAY: Chickasaw NRA	15-Oct-11	F-N
Homoeosoma electellum at BL	LATIMER: Robbers Cave SP, cabin area	06-May-11	JMN
Homoeosoma electellum at BL	MURRAY: Chickasaw NRA	15-Oct-11	F-N
COSSIDAE			
Prionoxystus robiniae 2, at BL	LATIMER: Robbers Cave SP, cabin area	06-May-11	JMN
LIMACODIDAE			
Apoda y-inversum at BL	LATIMER: Robbers Cave SP, cabin area	06-May-11	JMN
TORTRICIDAE			
Decodes basiplaganus at BL	MURRAY: Chickasaw NRA	15-Oct-11	F-N
Pandemis lamprosana at BL	LATIMER: Robbers Cave SP	06-May-11	JMN
Pandemis lamprosana at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	20-May-11	F-N
Argyrotaenia quercifoliana at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	20-May-11	F-N
Archips argyrospila at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	20-May-11	F-N
GEOMETRIDAE			
Macaria aemulataria photo, at light	PAWNEE: Keystone Lake, Peninsula area	21-Aug-09	PWR
Macaria multilineata photo by J Hopkins at porch light	JOHNSTON: Milburn	21-Apr-11	JFF
Macaria multilineata at BL	LATIMER: Robbers Cave SP, cabin area	06-May-11	JMN
Digrammia atrofasciata at BL	MURRAY: Chickasaw NRA	15-Oct-11	F-N
Anacamptodes vellivolata at BL	LATIMER: Robbers Cave SP, cabin area	06-May-11	JMN
Lytrosis unitaria at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	20-May-11	F-N
Euchlaena tigrinaria photo	MCCURTAIN: Re-Reg Dam on Mountain fork River	11-Jul-11	KCW
Probole amicaria photo, at light	PAWNEE: Keystone Lake, Peninsula area	24-Aug-09	PWR
Eusarca confusaria photo	NOWATA: 4 mi E, 1 mi N of Jct US 169 & Hwy 10	07-Jun-11	KCW
Prochoerodes lineola at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	24-Jun-11	JFF
Nemoria bistrifaria photo, at light	PAWNEE: Keystone Lake, Peninsula area	14-Aug-09	PWR
Chlorochlamys chloroleucaria at BL	LATIMER: Robbers Cave SP, cabin area	06-May-11	JMN
Lobocleta peralbata photo, at light	PAWNEE: Keystone Lake, Peninsula area	31-Aug-09	PWR
Lobocleta plemyraria at BL	OSAGE: TNC Tallgrass Prairie Preserve, at Stucco House	17-Jun-11	JFF
Idaea demissaria at BL	MURRAY: Chickasaw NRA	15-Oct-11	F-N
Pleuroprucha insulsaria at BL	MURRAY: Chickasaw NRA	15-Oct-11	F-N
Disclisoprocta stellata photo, at light	PAWNEE: Keystone Lake, Peninsula area	06-Sep-09	PWR
Eupithecia miserulata at BL	LATIMER: Robbers Cave SP, cabin area	06-May-11	JMN

Eupithecia miserulata dead on office window sill	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	20-May-11	F-N
Eupithecia miserulata at BL	MURRAY: Chickasaw NRA	15-Oct-11	F-N
DREPANIDAE			
Oreta rosea at BL	LATIMER: Robbers Cave SP, cabin area	06-May-11	JMN
LASIOCAMPIDAE			
Tolype velleda at light, leg. Brittany R Benson	MURRAY: Chickasaw NRA	15-Oct-11	F-N
Malacosoma americanum 4, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	20-May-11	F-N
SATURNIIDAE			
Citheronia regalis photo by M. Rogers via BMONA	SEQUOYAH: Stiwell, nr. int of US 59 & 64	30-May-11	JFF
Citheronia regalis photo by J. Tubbs	CHEROKEE: TNC Nickel Preserve, HQ area	03-Jun-11	09-Jun-11 JP2
Dryocampa rubicunda photo	DELAWARE: Ozark NWR, Looney Tract	25-Jul-11	KCW
SPHINGIDAE			
Manduca rustica photo, at light	PAWNEE: Keystone Lake, Peninsula area	21-Aug-09	PWR
Manduca rustica photo by A Bennett	CHOCTAW: Sawyer, adjacent to Hago Lake	04-Jul-11	JFF
Ceratomia catalpae photo, at light	PAWNEE: Keystone Lake, Peninsula area	05-Aug-09	PWR
Amorpha juglandis photo, at light	PAWNEE: Keystone Lake, Peninsula area	26-Aug-09	PWR
Erinnyis obscura photo, at light	PAWNEE: Keystone Lake, Peninsula area	26-Sep-09	PWR
Amphion floridensis photo by J Roach	JOHNSTON: Tishomingo NWR	16-May-11	JFF
Amphion floridensis photo by J Roach	JOHNSTON: Tishomingo NWR	01-Jun-11	JFF
NOTODONTIDAE			
Nadata gibbosa photo, at light	PAWNEE: Keystone Lake, Peninsula area	22-Aug-09	PWR
Misogada unicolor photo, at light	PAWNEE: Keystone Lake, Peninsula area	14-Aug-09	PWR
Heterocampa obliqua photo, at light	PAWNEE: Keystone Lake, Peninsula area	15-Aug-09	PWR
Heterocampa subrotata at BL	LATIMER: Robbers Cave SP, cabin area	06-May-11	JMN
Heterocampa zayasi at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	20-May-11	F-N
Schizura apicalis at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	20-May-11	F-N
Symmerista albifrons photo, at light	PAWNEE: Keystone Lake, Peninsula area	14-Aug-09	PWR
Dasylophia anguina photo, larva	LEFLORE: Kiamichi River S of Big Cedar	09-Sep-11	BAH
NOCTUIDAE			
Idia lubricalis at BL	LATIMER: Robbers Cave SP, cabin area	06-May-11	JMN
Bleptina caradrinalis photo, at light	PAWNEE: Keystone Lake, Peninsula area	04-Aug-09	PWR
Bleptina caradrinalis at BL	MURRAY: Chickasaw NRA	15-Oct-11	F-N
Renia fraternalis at BL	LATIMER: Robbers Cave SP, cabin area	06-May-11	JMN
Nigetia formosalis photo, at light	PAWNEE: Keystone Lake, Peninsula area	14-Aug-09	PWR
Ascalapha odorata photo by Vic Fazio	JEFFERSON: Hastings, Moneka Park	27-Aug-11	JFF
Hypsoropha hormos photo, at light	PAWNEE: Keystone Lake, Peninsula area	13-Jul-09	PWR

Plusiodonta compressipalpis photo, at light	PAWNEE: Keystone Lake, Peninsula area	26-Aug-09	PWR
Melipotis indomita at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	24-Jun-11	JFF
Euclidia cuspidata photo	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	09-Apr-11	JAT
Panopoda carneicosta photo, at light	PAWNEE: Keystone Lake, Peninsula area	15-Aug-09	PWR
Zale obliqua photo, at light	CLEVELAND: Norman	09-May-11	VDB
Catocala amatrix photo	MCCURTAIN: Broken Bow	16-Aug-11	BAH
Catocala cara carissima photo	WAGONER: Ft. Gibson Lake, below dam	29-Aug-09	KCW
Catocala cara carissima photo	DELAWARE: Ozark NWR, Looney Tract	25-Jul-11	KCW
Catocala epione photo	DELAWARE: Natural Falls SP	25-Jul-11	KCW
Catocala innubens photo, on window at night	MCCURTAIN: Broken Bow	10-Jun-11	BAH
Catocala lacrymosa photo	DELAWARE: Ozark NWR, Looney Tract	25-Jul-11	KCW
Catocala maestosa photo	WAGONER: Ft. Gibson Lake, below dam	29-Aug-10	KCW
Catocala maestosa photo	DELAWARE: Ozark NWR, Looney Tract	25-Jul-11	KCW
Catocala micronympha at BL	OSAGE: TNC Tallgrass Prairie Preserve, Stucco house	17-Jun-11	JFF
Catocala minuta photo	TULSA: Keytone Dam nr. Swift Park	14-Jun-11	KCW
Catocala nebulosa photo	DELAWARE: Ozark NWR, Looney Tract	25-Jul-11	KCW
Catocala nebulosa photo	OKLAHOMA: Shinewell, 2 mi SW at North Caney Creek	31-Jul-11	BAH
Catocala palaeogama photo	MCCURTAIN: Bethel, 2 mi SW along Willis Cr	12-Jun-11	BAH
Catocala praeclara photo, STATE	DELAWARE: Natural Falls SP	25-Jul-11	KCW
Catocala retecta photo	MCCURTAIN: Idabel, 5 mi SE	08-Aug-11	BAH
Catocala sappho photo	MCCURTAIN: Beavers Bend SP, along creek	15-Jun-11	BAH
Catocala subnata photo showing HW, STATE	MCCURTAIN: Cedar Creek, 1/2 mi W of US 259	19-Jul-11	BAH
Catocala texana photo, with Mark Peterson	CIMARRON: Black Mesa SP	13-Sep-11	BAH
Anagrapha falcifera	WOODWARD: Boiling Springs SP	15-Jan-10	JFF
Lithacodia muscosula at BL	LATIMER: Robbers Cave SP, cabin area	06-May-11	JMN
Acontia flavipennis 2, at BL	ELLIS: TNC Four Canyon Preserve, HQ	15-Oct-10	JFF
Acronicta ovata 2, at BL	LATIMER: Robbers Cave SP, cabin area	06-May-11	JMN
Homohadena infixa at BL	LATIMER: Robbers Cave SP, cabin area	06-May-11	JMN
Sympistis augustus at STATE line monument lights, elev. 4091'	CIMARRON: Castenada, N at state line	13-Oct-11	CEH
Amphipyra pyramidoides photo	DELAWARE: Natural Falls SP	25-Jul-11	KCW
Helicoverpa zea at BL	ELLIS: TNC Four Canyon Preserve, HQ	15-Oct-10	JFF
Schinia lynx at BL	MURRAY: Chickasaw NRA	15-Oct-11	F-N
Schinia obscurata tanena at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	20-May-11	F-N
Schinia thoreau photo, at light	PAWNEE: Keystone Lake, Peninsula area	22-Aug-09	PWR

<i>Perigea xanthioides</i> at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	20-May-11	F-N
<i>Crambodes talidiformis</i> 2, at BL	LATIMER: Robbers Cave SP, cabin area	06-May-11	JMN
<i>Leuconycta lepidula</i> at BL	LATIMER: Robbers Cave AP, cabin area	06-May-11	JMN
<i>Spodoptera exigua</i> at STATE line monument lights, elev. 4091'	CIMARRON: Castenada, N at state line	13-Oct-11	CEH
<i>Spodoptera exigua</i> at BL	MURRAY: Chickasaw NRA	15-Oct-11	F-N
<i>Elaphria festivoidea</i> at BL	LATIMER: Robbers Cave SP, cabin area	06-May-11	JMN
<i>Galgula partita</i> at BL	LATIMER: Robbers Cave SP, cabin area	06-May-11	JMN
<i>Orthosia garmani</i> at lights, photo	CLEVELAND: Norman, Nat'l Weather Ctr	25-Mar-11	VDB
<i>Anarta hamata</i> at STATE line monument lights, elev. 4091', STATE	CIMARRON: Castenada, N at state line	13-Oct-11	CEH
<i>Trichordestra legitima</i> photo, at light	PAWNEE: Keystone Lake, Peninsula area	09-Sep-09	PWR
<i>Leucania imperfecta</i> at BL	OSAGE: TNC Tallgrass Prairie Preserve, Stucco house	17-Jun-11	JFF
<i>Leucania phragmatidicola</i> at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	20-May-11	F-N
<i>Lacinipolia explicata</i> photo, at light	PAWNEE: Keystone Lake, Peninsula area	01-Sep-09	PWR
<i>Lacinipolia laudabilis</i> photo, at light	PAWNEE: Keystone Lake, Peninsula area	27-Sep-09	PWR
<i>Protorthodes incincta</i> at BL	KAY: Kaw Lake, Camp McFadden	08-Oct-10	JMN
<i>Euxoa detersa</i> at BL	ELLIS: TNC Four Canyon Preserve, HQ	15-Oct-10	JFF
<i>Feltia subgothica</i> at BL	MURRAY: Chickasaw NRA	15-Oct-11	F-N
<i>Feltia subterranea</i> photo, at light	PAWNEE: Keystone Lake, Peninsula area	15-Aug-09	PWR
<i>Agrotis venerabilis</i> at STATE line monument lights, elev. 4091'	CIMARRON: Castenada, N at state line	13-Oct-11	CEH
EREBIDAE			
<i>Cisthene tenuifascia</i> photo, at light	PAWNEE: Keystone Lake, Peninsula area	10-Sep-09	PWR
<i>Hypoprepia miniata</i> photo, at light	PAWNEE: Keystone Lake, Peninsula area	22-Aug-09	PWR
<i>Holomelina laeta</i> at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	24-Jun-11	JFF
<i>Grammia figurata</i> photo, at light	PAWNEE: Keystone Lake, Peninsula area	22-Aug-09	PWR
<i>Grammia parthenice</i> photo	ATOKA: McGee Creek WMA, Cane Break Rd	14-Oct-11	JWA
<i>Grammia parthenice intermedia</i> at BL	MURRAY: Chickasaw NRA	15-Oct-11	F-N
<i>Grammia phyllira</i> photo, at light	PAWNEE: Keystone Lake, Peninsula area	28-Sep-09	PWR
<i>Pyrrharctia isabella</i> photo, at light	PAWNEE: Keystone Lake, Peninsula area	14-Aug-09	PWR
<i>Hyphantria cunea</i> photo, at light	PAWNEE: Keystone Lake, Peninsula area	26-Sep-09	PWR
<i>Haploa lecontei</i> photo	NOWATA: 4 mi E, 1 mi N of Jct US 169 & Hwy 10	07-Jun-11	KCW
<i>Halysidota tessellaris</i> at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	20-May-11	F-N
EUTELIIDAE			
<i>Marathyssa inficita</i> photo, at light	PAWNEE: Keystone Lake, Peninsula area	30-Jul-09	PWR
<i>Eutelia pulcherrima</i> at light, photo	CLEVELAND: Norman	09-Apr-11	VDB
NOLIDAE			

Zone 6 Texas

Texas

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TEXAS

Texas experienced its worst drought in history, wildfires ravaged millions of acres, and lepidoptera made a dismal showing. Perhaps the silver lining to this was the appearance of both *Historus odius* and *Historus acheronta* in south Texas, (one voucher of each) as well as a large flight of *Smyrna blomfieldia*. Of 605 entries, 316 were New County Records. There were 8 US Records contributing to a total of 17 State Records. One obvious importation into south Texas, *Nymphalis l-album*, was photographed, but will not be entered into the State Checklist, except perhaps as a footnote, and will not be entered into the database.

The large satyrine, *Manataria hercyna*, was entered into the database, but will not be added to the North American Checklist except in the appendix, as its occurrence was controversial if not suspicious.

Butterflies

HESPERIIDAE

Phocides polybius lilea	Hidalgo: Estero Llano Grande SP	31-Jan-11		TBL
Phocides polybius lilea	Hidalgo: Santa Ana NWR	21-Nov-11	03-Dec-11	B/K
Proteides mercurius K. Taylor	NUECES: Corpus Christi	04-May-11		TBL
Proteides mercurius last by RHW	Hidalgo: Mission	24-Oct-11	25-Nov-11	MR2
Epargyreus clarus	BRAZOS: Lick Creek Park	26-May-11		RHW
Polygonus leo arizonensis later sightings by TBL	Hidalgo: Mission	20-Aug-11	21-Aug-11	MR2
Polygonus leo arizonensis last at Santa Ana NWR	Hidalgo: Estero Llano Grande SP	24-Oct-11	23-Nov-11	B/K
Polygonus leo arizonensis	Hidalgo: Santa Ana NWR	10-Nov-11	24-Nov-11	B/K
Chioides zilpa	Hidalgo: Mission	22-Aug-11		MR2
Chioides zilpa	Hidalgo: Santa Ana NWR	10-Nov-11		B/K
Aguna asander last by TBL	Hidalgo: Mission	21-Aug-11	22-Oct-11	MR2
Aguna asander	Hidalgo: Mission	24-Sep-11		TBL
Polythrix octomaculata	Hidalgo: Mission	23-Nov-11		TBL
Urbanus esmeraldus	Hidalgo: Estero Llano Grande SP	31-Oct-11		ECK
Urbanus teleus	Hidalgo: Santa Ana NWR	19-Nov-11		CWB
Achalarus lyciades	ANDERSON: Gus Engling WMA	29-Apr-11		JMC
Thorybes bathyllus	BRAZOS: Lick Creek Park	01-Apr-11		RHW
Thorybes bathyllus	ANDERSON: Gus Engling WMA	29-Apr-11		JMC
Thorybes confusus	FANNIN: no locality given	10-May-10		GS1
Thorybes pylades	BRAZOS: Lick Creek Park	05-Apr-11	04-May-11	RHW
Cabares potrillo	Hidalgo: Estero Llano Grande SP	31-Jan-11		TBL
Cabares potrillo	Hidalgo: Santa Ana NWR	04-Nov-11	29-Nov-11	B/K
Cogia calchas	Hidalgo: Santa Ana NWR	14-Sep-11		MR2
Cogia calchas	Hidalgo: Santa Ana NWR	04-Nov-11	03-Dec-11	B/K
Staphylus ceos	Hidalgo: Palmview	14-Aug-11		TBL
Staphylus hayhurstii S. Wilkerson	BRAZOS: Bryan	06-Sep-07		TBL
Hesperopsis alpheus	Starr: Falcon Heights	27-Feb-11		BN1
Systasea zampa	Brewster: BIBE: Chisos Basin	13-Apr-11		CWB
Eantis tamemund	ROBERTSON: no locality given	20-Oct-10		GS1

<i>Chiomara georgina</i>	Hidalgo: Santa Ana NWR	08-Nov-11	03-Dec-11	B/K
<i>Gesta invisus</i>	Uvalde: Concan	16-Apr-11		CWB
<i>Erynnis baptisiae</i>	HARRISON: Caddo Lake SP	23-Mar-11		B/K
<i>Erynnis brizo</i>	MILAM: no locality given	11-Mar-08		GS1
<i>Erynnis brizo</i>	Henderson: NW of Athens	31-Mar-11		JMC
<i>Erynnis brizo burgessi</i>	Brewster: BIBE: Chisos Basin	11-Apr-11	14-Apr-11	B/K
<i>Erynnis funeralis</i> S. Wilkerson	BRAZOS: Bryan	14-Jun-09		TBL
<i>Erynnis funeralis</i>	ANDERSON: Gus Engling WMA	29-Apr-11		JMC
<i>Erynnis funeralis</i>	LEON: CR 219	29-Apr-11		JMC
<i>Erynnis funeralis</i> confined females ovip. On <i>Malphigia glabra</i> , larvae feeding.	Hidalgo: Mission	10-Nov-11		RWB
<i>Erynnis horatius</i>	WASHINGTON: Independence	11-Nov-11		RHW
<i>Erynnis juvenalis</i>	BRAZOS: Lick Creek Park	01-Apr-11	12-Apr-11	RHW
<i>Erynnis meridianus</i>	KAUFMAN: Becker	31-Oct-11		JMC
<i>Erynnis telemachus</i>	Brewster: BIBE: Chisos Basin	11-Apr-11	14-Apr-11	B/K
<i>Celotes nessus</i>	Hidalgo: Mission	28-Mar-11		MR2
<i>Synapte pecta</i>	Hidalgo: Mission	06-Jan-11		MR2
<i>Amblyscirtes alternata</i>	Uvalde: Concan	16-Apr-11		ECK
<i>Amblyscirtes alternata</i>	ANDERSON: Gus Engling WMA	29-May-11		RSF
<i>Amblyscirtes alternata</i>	LAMAR: Pat Mayse Park	06-Jun-11		JMC
<i>Amblyscirtes celia</i>	JOHNSON: Burluson	06-Aug-11		RSF
<i>Amblyscirtes eos</i>	Hidalgo: Santa Ana NWR	16-Nov-11		CWB
<i>Amblyscirtes hegon</i>	HARRISON: Caddo Lake SP	23-Mar-11		B/K
<i>Amblyscirtes hegon</i>	SMITH: Tyler SP	24-Mar-11		B/K
<i>Amblyscirtes vialis</i> B. Dempwolf	Wise: LBJ Grasslands	26-Mar-11		TBL
<i>Amblyscirtes vialis</i>	BRAZOS: Lick Creek Park	01-Apr-11	31-May-11	RHW
<i>Vidius perigenes</i>	Hidalgo: Estero Llano Grande SP	18-Mar-11		MR2
<i>Lerodea arabus</i>	Hidalgo: Alamo	31-Oct-11	03-Dec-11	B/K
<i>Nastra lherminier</i>	Bowie: 1 mi. N of New Boston	27-Jun-11		B/K
<i>Lerema liris</i>	Hidalgo: Santa Ana NWR	18-Nov-11		CWB
<i>Rhinthon osca</i>	Hidalgo: Mission	22-Oct-11		TBL
<i>Rhinthon osca</i>	Hidalgo: Estero Llano Grande SP	31-Oct-11		ECK
<i>Decinea percusius</i> confined females ovip. On <i>Leersia monadra</i> , reared to adults.	Hidalgo: Relampago	01-Nov-11	13-Nov-11	RWB
<i>Ancyloxypha numitor</i>	ELLIS: no locality given	18-Jul-10		GS1
<i>Hesperia metea licinus</i> B. Dempwolf	Wise: LBJ Grasslands	26-Mar-11		TBL
<i>Hesperia metea licinus</i>	Henderson: NW of Athens	31-Mar-11		JMC
<i>Hesperia metea licinus</i>	ANDERSON: Gus Engling WMA	01-Apr-11		JMC
<i>Polites origenes</i>	LAMAR: Pat Mayse Park	06-Jun-11		JMC
<i>Problema byssus</i>	Bowie: 1 mi. N of New Boston	27-Jun-11		B/K
<i>Poanes aaroni bordeloni</i>	Jefferson: Sabine Pass	13-May-11		RSF
<i>Poanes viator zizaniae</i>	FREESTONE: CR 219	29-Apr-11		JMC
<i>Poanes zabulon</i>	Red River: Scatter Creek	26-Jun-11		ECK
<i>Quasimellana eulogius</i> uncommon this year due to drought, but rather abundant the previous 12 years.	Hidalgo: Rio Rico Rd.	04-Nov-11	26-Nov-11	B/K
<i>Euphyes dion</i>	ELLIS: no locality given	30-Aug-09		GS1
<i>Euphyes vestris kiawah</i>	Uvalde: Concan	16-Apr-11		B/K
<i>Atrytonopsis python</i>	Brewster: BIBE: Chisos Basin	14-Apr-11		CWB
<i>Atrytonopsis vierecki</i>	Brewster: BIBE: Chisos Basin	14-Apr-11		B/K
<i>Panoquina evansi</i>	Hidalgo: Estero Llano Grande SP	01-Nov-11		CWB
<i>Panoquina lucas</i> last in Alamo	Hidalgo: Estero Llano Grande SP	23-Oct-11	01-Dec-11	B/K
<i>Panoquina lucas</i>	Hidalgo: Santa Ana NWR	11-Nov-11	03-Dec-11	B/K
<i>Nyctelius nyctelius</i>	Hidalgo: Mission	04-Jan-11		MR2
<i>Nyctelius nyctelius</i>	Hidalgo: Santa Ana NWR	10-Nov-11		CWB
<i>Agathymus estelleae valverdiensis</i>	Terrell: 10 mi. E of Dryden	10-Apr-11		CWB
<i>Megathymus yuccae reinthali</i>	Henderson: NW of Athens	31-Mar-11		JMC
PAPILIONIDAE				
<i>Eurytides marcellus</i>	San Jacinto: Sam Houston NF	01-Mar-11		TBL
<i>Eurytides marcellus</i>	SMITH: Tyler SP	24-Mar-11		B/K
<i>Eurytides philolaus</i> last in Mission (TBL)	Hidalgo: Santa Ana NWR	02-Apr-11	31-Jul-11	MR2
<i>Battus polydamas</i>	Harris: Spring Valley	01-Mar-11	25-Sep-11	B/K
<i>Papilio astyalus pallas</i>	Hidalgo: Santa Ana NWR	02-Apr-11		MR2

<i>Papilio glaucus</i>	Harris: Spring Valley	02-Mar-11		B/K
<i>Papilio multicaudata</i> pupa found by Nelley Laris, em. 27 Jan.	FORT BEND: Katy	27-Jan-11		MAQ
<i>Papilio multicaudata</i>	Bastrop: Utley	08-Mar-11		TBL
<i>Papilio multicaudata</i>	Brewster: BIBE: Chisos Basin	13-Apr-11		B/K
<i>Papilio troilus</i>	Chambers: Hankamer	27-Feb-11		CWB
PIERIDAE				
<i>Glutophrissa drusilla tenuis</i>	Hidalgo: Bentsen SP	28-Apr-11	04-Aug-11	MR2
<i>Glutophrissa drusilla tenuis</i> M. Heindel	Uvalde: Utopia	03-Dec-11		TBL
<i>Ganyra josephina josepha</i>	Hidalgo: Alamo	03-Aug-11		CRS
<i>Ganyra josephina josepha</i>	Hidalgo: Alamo	21-Oct-11		CWB
<i>Pieris rapae</i>	Brewster: Alpine	01-Oct-11		CWB
<i>Anthocharis midea texana</i>	Harris: Spring Valley	01-Mar-11	03-Mar-11	CWB
<i>Anteos clorinde</i>	Hidalgo: Mission	30-Jan-11		TBL
<i>Anteos clorinde</i>	Hidalgo: 11 mi. N of Mission	18-Jul-11	19-Aug-11	CRS
<i>Anteos clorinde</i>	Dallas: Glenn Heights	16-Oct-11		DXC
<i>Anteos clorinde</i>	Hidalgo: Santa Ana NWR	15-Nov-11	18-Nov-11	CWB
<i>Anteos maerula</i>	Hidalgo: 7 mi. N of Palmview	07-Jul-11	19-Aug-11	CRS
<i>Anteos maerula</i>	Hidalgo: Mission	24-Oct-11		RWB
<i>Anteos maerula</i>	Hidalgo: Santa Ana NWR	23-Nov-11		ECK
<i>Phoebis philea</i>	Hidalgo: Estero Llano Grande SP	31-Jan-11		TBL
<i>Phoebis philea</i>	Harris: Spring Valley	03-Oct-11	06-Oct-11	CWB
<i>Aphrissa statira</i>	Starr: Falcon SP	31-Jul-11		MR2
<i>Aphrissa statira</i> last at Santa Ana NWR	Hidalgo: Estero Llano Grande SP	02-Nov-11	20-Nov-11	B/K
<i>Aphrissa statira</i>	Hidalgo: Santa Ana NWR	05-Nov-11	25-Nov-11	B/K
<i>Kricogonia lyside</i> S. Wilkerson	BRAZOS: Bryan	18-Dec-06		TBL
<i>Kricogonia lyside</i>	Harris: Spring Valley	31-Dec-11		B/K
<i>Eurema boisduvaliana</i>	Cameron: Sabal Palm Grove	02-Jun-11		TBL
<i>Eurema mexicana</i> S. Wilkerson	BRAZOS: Bryan	17-Nov-06		TBL
<i>Pyrrhia proterpia</i> S. Wilkerson	BRAZOS: Bryan	27-Nov-06		TBL
LYCAENIDAE				
<i>Feniseca tarquinius</i>	RED RIVER: Scatter Creek	26-Jun-11		CWB
<i>Atlides halesus corcorani</i>	Uvalde: Concan	17-Apr-11		CWB
<i>Atlides halesus corcorani</i>	ANDERSON: Gus Engling WMA	29-Apr-11		JMC
<i>Rekoa marius</i>	Starr: Falcon SP	31-Jul-11		MR2
<i>Rekoa marius</i> other sightings around Mission (MR2)	Hidalgo: 10 mi. N of Palmview	16-Aug-11	18-Aug-11	CRS
<i>Rekoa marius</i> confined female ovip. On <i>Esperanza</i> & <i>Duranta erecta</i> , reared to adults.	Hidalgo: Mission	26-Oct-11		RWB
<i>Satyrrium calanus falacer</i>	ANDERSON: Gus Engling WMA	29-Apr-11		JMC
<i>Satyrrium calanus falacer</i>	LEON: CR 219	29-Apr-11		JMC
<i>Satyrrium liparops strigosa</i>	ANDERSON: Gus Engling WMA	29-Apr-11		JMC
<i>Satyrrium liparops strigosa</i>	LEON: CR 219	29-Apr-11		JMC
<i>Satyrrium liparops strigosa</i>	BRAZOS: Lick Creek Park	04-May-11		RHW
<i>Chlorostymon simaethis sarita</i>	Hidalgo: Estero Llano Grande SP	21-Jan-11		MR2
<i>Chlorostymon simaethis sarita</i>	Hidalgo: Santa Ana NWR	04-Nov-11		CWB
<i>Callophrys gryneus</i>	HARRISON: Caddo Lake SP	23-Mar-11		B/K
<i>Callophrys gryneus castalis</i>	Henderson: NW of Athens	31-Mar-11		JMC
<i>Callophrys gryneus castalis</i>	Brewster: BIBE: Chisos Basin	14-Apr-11		B/K
<i>Callophrys henrici solatus</i>	Travis: Austin	28-Feb-11	03-Mar-11	TBL
<i>Callophrys henrici solatus</i>	EDWARDS: Camp Wood Hills	03-Mar-11		TBL
<i>Callophrys henrici turneri</i>	Harris: Spring Valley	26-Feb-11	15-Mar-11	B/K
<i>Callophrys niphon</i>	San Jacinto: Sam Houston NF	01-Mar-11		TBL
<i>Callophrys niphon</i>	Bastrop: Bastrop SP	11-Mar-11		TBL
<i>Electrostrymon hugon</i>	Hidalgo: Mission	18-Jan-11		MR2
<i>Calycopis cecrops</i>	ELLIS: no locality given	01-Oct-08		GS1
<i>Calycopis isobeon</i>	HOUSTON: Davy Crockett NF	16-Mar-10		JMC
<i>Strymon albata</i>	Hidalgo: Mission	11-Aug-11		MR2
<i>Strymon bebrycia</i>	Hidalgo: Mission	04-Jan-11		MR2
<i>Strymon istapa</i>	WASHINGTON: Independence	11-Nov-11		RHW
<i>Ministrymon azia</i>	Hidalgo: Mission	17-Apr-11		MR2
<i>Ministrymon azia</i>	Hidalgo: Estero Llano Grande SP	23-Oct-11		CWB

Ministrymon clytie	Hidalgo: Alamo	06-Nov-11	24-Nov-11	B/K
Parrhasius m-album B. Dempwolf	Wise: LBJ Grasslands	26-Mar-11		TBL
Leptotes cassius cassidula	Hidalgo: Estero Llano Grande SP	21-Jan-11		MR2
Leptotes cassius cassidula	Hidalgo: Hidalgo Pumphouse	12-Apr-11		MR2
Leptotes cassius cassidula	Hidalgo: Santa Ana NWR	25-Nov-11		B/K
Leptotes marina	BRAZOS: Lick Creek Park	26-May-11		RHW
Brephidium exilis S. Wilkerson	BRAZOS: TAMU HC	28-Oct-06		TBL
Brephidium pseudofea	Cameron: Old Pt. Isabel Rd.	05-Jun-11		TBL
Cupido comyntas	Hidalgo: Hidalgo Pumphouse	12-Apr-11		MR2
Cupido comyntas	LEON: CR 219	29-Apr-11		JMC
Cupido comyntas	Red River: Scatter Creek	26-Jun-11		CWB
Celastrina echo cinerea	Brewster: BIBE: Chisos Basin	14-Apr-11		B/K
Hemiargus ceraunus astenidas S. Wilkerson	BRAZOS: College Station	10-Nov-09		TBL
Echinargus isola S. Wilkerson	BRAZOS: College Station	13-Jul-08		TBL
Echinargus isola	LEON: CR 219	29-Apr-11		JMC
RIODINIDAE				
Melanis pixe	Hidalgo: Mission	04-Aug-11		MR2
Melanis pixe	Hidalgo: Mission	08-Nov-11		CRS
Calephelis rawsoni	Hidalgo: Santa Ana NWR	04-Nov-11		CWB
Lasaia sula peninsularis	Cameron: Resaca de la Palma SP	31-Jan-11	16-Aug-11	TBL
Apodemia palmerii	Brewster: BIBE: Basin	26-Sep-11		B/K
Apodemia walkeri	Cameron: Resaca de la Palma SP	25-Sep-11	26-Oct-11	MR2
Apodemia walkeri	Cameron: Brownsville	21-Oct-11	25-Oct-11	RWB
confined females ovip. On Acacia shafferi, larvae feeding.				
NYMPHALIDAE				
Danaus eresimus montezuma	Brewster: Marathon	08-Aug-11		Y/T
Danaus eresimus montezuma	Hidalgo: Palmview	21-Oct-11		CRS
Danaus eresimus montezuma	Hidalgo: Santa Ana NWR	08-Nov-11	25-Nov-11	B/K
Danaus gilippus thersippus	ELLIS: 10 mi. W of Cottonwood	25-Jun-11		CWB
Anaea aidea unusually rare this year	Hidalgo: Santa Ana NWR	15-Nov-11	25-Nov-11	B/K
Memphis glycerium	Hidalgo: Mission	06-Jan-11		MR2
Lethe portlandia missarkae	San Jacinto: Sam Houston NF	01-Mar-11		TBL
Megisto cymela	LEON: CR 219	29-Apr-11		JMC
Dione moneta poeyi	Hidalgo: Mission	18-Jan-10		TBL
Eueides isabella eva	Hidalgo: Mission	26-Oct-11		RWB
Eueides isabella eva	Hidalgo: Mission	29-Oct-11		CRS
Dryas iulia moderata	Starr: Roma	31-Jul-11		MR2
Dryas iulia moderata	Hidalgo: Santa Ana NWR	04-Nov-11	24-Nov-11	CWB
Heliconius charithonia vazquezae	PECOS: Fort Stockton	28-Jul-11		Y/T
Heliconius charithonia vazquezae	Hidalgo: Santa Ana NWR	16-Nov-11		CWB
Heliconius erato petiverana	Hidalgo: Mission	16-Nov-11		TBL
Euptoieta claudia	IRION: no locality given	25-Oct-11		AH1
Euptoieta hegesia meridiania	PECOS: 2 mi. E of Brewster Co. line	01-Oct-11		CWB
Euptoieta hegesia meridiania last in Alamo	Hidalgo: Estero Llano Grande SP	23-Oct-11	02-Dec-11	B/K
Adelpha fessonia	Hidalgo: Estero Llano Grande SP	21-Jan-11		MR2
Marpesia chiron marius	Hidalgo: Mission	30-Sep-11	25-Oct-11	TBL
Marpesia petreus	Hidalgo: Bentsen SP	16-Aug-11		MR2
Marpesia petreus	Hidalgo: Santa Ana NWR	09-Nov-11		CWB
Biblis hyperia aganisa	Hidalgo: Santa Ana NWR	11-Nov-11		CRS
Mestra amymone	Hidalgo: Mission	05-Aug-11		MR2
Mestra amymone	Hidalgo: Santa Ana NWR	22-Nov-11	05-Dec-11	B/K
Myscelia ethusa	Hidalgo: Estero Llano Grande SP	21-Jan-11		MR2
Myscelia ethusa	Hidalgo: Santa Ana NWR	04-Nov-11	05-Dec-11	B/K
Eunica monima	Hidalgo: Weslaco	28-Feb-11		MR2
Eunica monima	Starr: Falcon Heights	01-Sep-11	02-Sep-11	BN1
Eunica tatila	Hidalgo: Mission	11-Aug-11	18-Nov-11	MR2
Eunica tatila	MAVERICK: Eagle Pass	11-Aug-11		BN1
Eunica tatila	STARR: Falcon Heights	13-Aug-11	19-Nov-11	BN1
Eunica tatila	Hidalgo: Santa Ana NWR	23-Nov-11		ECK
Hamadryas februa ferentina	Hidalgo: Mission	10-Aug-11		MR2
Hamadryas februa ferentina	Hidalgo: Santa Ana NWR	13-Nov-11	17-Nov-11	CWB

Hamadryas guatemalena marmarice	Hidalgo: Mission	18-Jan-10		TBL
Hamadryas guatemalena marmarice	Hidalgo: Santa Ana NWR	19-Nov-11		CWB
Epiphile adраста	Hidalgo: Mission	18-Jan-11		MR2
Dynamine dyonis	Hidalgo: Alamo	16-Nov-11		CWB
Dynamine postverta mexicana	Hidalgo: Mission	08-Aug-11		TBL
Historis acheronta	STARR: Falcon Heights	01-Sep-11	01-Oct-11	BN1
1st verifiable valley record				
Historis acheronta	HIDALGO: Mission	02-Sep-11	22-Oct-11	TBL
Historis acheronta	CAMERON: Brownsville	14-Sep-11		TBL
R. Zurovek				
Historis odius dious	HIDALGO: Alamo	02-Nov-11		CWB
US RECORD; VOUCHER- Confirms	previous sight records.(near-perfect specimen!)			
Historis odius dious	Hidalgo: Mission	15-Nov-11		TBL
photos, no voucher (fairly ragged).				
Smyrna blomfieldia datis	Starr: Falcon Heights	20-Sep-11	01-Oct-11	BN1
Smyrna blomfieldia datis	Cameron: San Benito	23-Sep-11		TBL
R. Zurovek				
Smyrna blomfieldia datis	VAL VERDE: Amistad NRA	01-Oct-11		CWB
Smyrna blomfieldia datis	Hidalgo: Estero Llano Grande SP	05-Nov-11	20-Dec-11	TBL
last in Mission (TBL)				
Smyrna blomfieldia datis	Hidalgo: Santa Ana NWR	13-Nov-11	18-Nov-11	B/S
numerous individuals (fresh) coincided with emergence of V. atalanta suggested breeding locally.				
Smyrna blomfieldia datis	Hidalgo: Mission	15-Nov-11	31-Dec-11	RWB
last by TBL				
Vanessa annabella	Brewster: Marathon	08-Nov-11		Y/T
Vanessa annabella	Hidalgo: Mission	29-Dec-11		MR2
Vanessa cardui	UPTON: no locality given	25-Oct-11		AH1
Nymphalis antiopa	DEWITT: Yorktown	24-Feb-11		TBL
Nymphalis antiopa	Harris: Spring Valley	08-Mar-11		CWB
Nymphalis antiopa	LEON: CR 219	29-Apr-11		JMC
Nymphalis antiopa	CHAMBERS: 6 mi. E of Anahuac	08-May-11		ECK
Nymphalis antiopa	Jeff Davis: Fort Davis	30-Sep-11		B/K
Nymphalis antiopa	Hidalgo: Hidalgo Pumphouse	24-Oct-11	14-Nov-11	TBL
last in Mission (TBL)				
Nymphalis antiopa	IRION: no locality given	25-Oct-11		AH1
Nymphalis antiopa	Brewster: BIBE: Basin	27-Oct-11		B/K
Anartia fatima	Hidalgo: Santa Ana NWR	11-Nov-11		CRS
Anartia jatrophae luteipicta	Hidalgo: Santa Ana NWR	04-Nov-11	05-Dec-11	B/K
Siproeta stelenes biplagiata	Hidalgo: Estero Llano Grande SP	31-Jan-11		TBL
Siproeta stelenes biplagiata	Hidalgo: Santa Ana NWR	11-Nov-11		CRS
Junonia coenia	IRION: no locality given	25-Oct-11		AH1
Junonia evarete	Hidalgo: Santa Ana NWR	16-Nov-11		CWB
Chlosyne gorgone carlota	Wise: LBJ Grasslands	26-Mar-11		TBL
B. Dempwolf				
Chlosyne gorgone carlota	Henderson: NW of Athens	31-Mar-11		JMC
Chlosyne nycteis	BRAZOS: Lick Creek Park	01-Apr-11	31-May-11	RHW
Chlosyne theona bollii	SMITH: Tyler SP	24-Mar-11		CWB
Phyciodes picta canace	Presidio: Big Bend SP	12-Apr-11		ECK
Anthanassa texana	BRAZOS: Bryan	13-Nov-06		TBL
S. Wilkerson				
Anthanassa texana	JEFFERSON: Beaumont	19-Mar-11		CWB
Manataria hercyna maculata	HIDALGO: Estero Llano Grande SP	21-Nov-11		TBL
US RECORD (controversial due to extenuating circumstances.)				

Moths

ERIOCRANIIDAE

Dyseriocrania griseocapitella	HARRISON: Caddo Lake SP	23-Mar-11		B/K
Dyseriocrania griseocapitella	SMITH: Tyler SP	24-Mar-11		B/K

PSYCHIDAE

Astala confederata	JEFFERSON: Beaumont	21-Jul-11		CWB
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ELACHISTIDAE

Ethmia macelhosiella	KAUFMAN: Becker	13-Nov-11		JMC
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GELECHIIDAE

Aristotelia rubidella	BREWSTER: BIBE: Dugout Wells	13-Apr-11		ECK
Athrips mouffetella	KAUFMAN: Becker	16-Oct-10		JMC
STATE RECORD				
Chionodes lactans	BREWSTER: BIBE: Chisos Basin	14-Apr-11		ECK
Fascista cercerisella	JOHNSON: Hamm Creek Park	22-Aug-11		JMC

<i>Strobisia iridipennella</i>	JOHNSON: Hamm Creek Park	22-Aug-11		JMC
THYRIDIDAE				
<i>Thyris sepulchralis</i>	Harris: Spring Valley	02-Mar-11	16-Mar-11	B/K
<i>Thyris sepulchralis</i>	HARRISON: Caddo Lake SP	23-Mar-11		B/K
CRAMBIDAE				
<i>Desmia maculalis</i>	JOHNSON: Burleson	26-Jul-11		RSF
<i>Eustixia pupula</i>	JOHNSON: Burleson	07-May-11		RSF
<i>Hellula aqualis</i>	Brewster: BIBE: Dugout Wells	13-Apr-11		B/K
<i>Lipocosma polingi</i>	HIDALGO: Santa Ana NWR	28-Oct-86		ECK
STATE RECORD: not previously published in SS, det. M. Alma Solis				
<i>Lipocosma polingi</i>	UVALDE: Concan	10-Aug-03		B/K
<i>Lipocosma polingi</i>	MCLENNAN: Macgregor	04-Jun-11		AG1
<i>Microtheoris ophionalis</i>	JOHNSON: Hamm Creek Park	22-Aug-11		JMC
<i>Microtheoris vibicalis</i>	JOHNSON: Hamm Creek Park	22-Aug-11		JMC
<i>Noctueliopsis brunnealis</i> new for park	Brewster: BIBE: Basin	27-Sep-11		B/K
<i>Penestola bufalis</i>	HIDALGO: Alamo	24-Oct-11		CWB
STATE RECORD				
<i>Perispasta caeculalis</i>	SMITH: Tyler SP	24-Mar-11		B/K
<i>Pyrausta onythesalis</i>	KAUFMAN: Becker	30-Apr-10		JMC
<i>Pyrausta pseudonythesalis</i>	KAUFMAN: Becker	03-Apr-10		JMC
<i>Pyrausta rubricalis</i>	KAUFMAN: Becker	11-Oct-10		JMC
<i>Rhodocantha diagonalis</i>	Brewster: BIBE: Basin	28-Sep-11		B/K
<i>Samea druchasalis</i>	UVALDE: Concan	15-Oct-11		RSF
<i>Samea druchasalis</i> hundreds at lights!	BROOKS: Falfurrias	20-Nov-11		ECK
<i>Samea druchasalis</i>	MEDINA: 3 mi. N of Devine	21-Nov-11		MH1
<i>Triuncidia eupalusalis</i>	HIDALGO: Alamo	30-Nov-11		CWB
STATE RECORD				
PYRALIDAE				
<i>Arta olivalis</i>	JOHNSON: Hamm Creek Park	22-Aug-11		JMC
<i>Macalla zelleri</i>	JOHNSON: Hamm Creek Park	22-Aug-11		JMC
<i>Pococera euphemella</i>	JOHNSON: Hamm Creek Park	22-Aug-11		JMC
<i>Pococera maritimalis</i>	KAUFMAN: Becker	18-Aug-10	20-Aug-11	JMC
STATE RECORD				
<i>Pococera maritimalis</i>	JOHNSON: Hamm Creek Park	22-Aug-11		JMC
<i>Chararica hystriculella</i>	JOHNSON: Hamm Creek Park	22-Aug-11		JMC
<i>Triozosneura dorsonotata</i>	Brewster: BIBE: Chisos Basin	12-Apr-11		ECK
<i>Glyphocystis viridivallis</i>	Brewster: BIBE: Basin	27-Sep-11		B/K
<i>Meroptera anaimella</i>	Brewster: BIBE: Dugout Wells	13-Apr-11		ECK
<i>Ragonotia dotalis</i>	Brewster: Study Butte	11-Apr-11		ECK
<i>Echinocerata strigalis</i>	Brewster: BIBE: Chisos Basin	14-Apr-11		ECK
<i>Vitula pinei</i>	Brewster: BIBE: Chisos Basin	14-Apr-11		ECK
<i>Sosipatra knudsoni</i>	Brewster: BIBE: Chisos Basin	12-Apr-11		ECK
SESIIDAE				
<i>Zenodoxus mexicanus</i>	Brewster: 10 mi. W of Marathon	10-Apr-11		B/K
<i>Zenodoxus palmii</i>	Uvalde: Concan	16-Apr-11		B/K
<i>Zenodoxus rubens</i>	PECOS: 2 mi. E of Brewster Co. line	01-Oct-11		B/K
<i>Paranthrene dollii</i>	JOHNSON: Burleson	01-Apr-11		RSF
<i>Paranthrene simulans</i>	JOHNSON: Burleson	06-Apr-11		RSF
<i>Paranthrene simulans</i>	HOUSTON: Davy Crockett NF	10-May-11		JMC
<i>Vitacea polistiformis</i>	KAUFMAN: Becker	31-May-11		JMC
<i>Vitacea polistiformis</i>	LAMAR: Pat Mayse Park	05-Jun-11		JMC
<i>Vitacea polistiformis</i>	JOHNSON: Burleson	15-Jun-11		RSF
<i>Euhagena emphytiformis</i>	JOHNSON: Hamm Creek Park	09-Jul-11		RSF
<i>Melittia calabaza</i>	Harris: Spring Valley	04-Jul-11		B/K
<i>Synanthedon acerni</i>	HARRISON: Caddo Lake SP	23-Mar-11		B/K
<i>Synanthedon arkansasensis</i>	KAUFMAN: Becker	13-Jun-11		JMC
<i>Synanthedon decipiens</i>	VAL VERDE: Del Rio	01-Oct-11		B/K
<i>Synanthedon exitiosa</i>	KAUFMAN: Becker	09-Jun-11	06-Sep-11	JMC
<i>Synanthedon rileyana</i>	Jefferson: Beaumont	20-Aug-11		CWB
<i>Synanthedon sapygaeformis</i>	Harris: Spring Valley	04-Jul-11	18-Oct-11	B/K
<i>Synanthedon sapygaeformis</i>	Hidalgo: Alamo	20-Oct-11	05-Dec-11	B/K
<i>Synanthedon scitula</i>	MCLENNAN: McGregor	01-Aug-10		AG1
<i>Synanthedon scitula</i>	Harris: Spring Valley	05-Jul-11		B/K
<i>Podosesia aureocincta</i>	Harris: Spring Valley	27-Apr-11	15-Jun-11	B/K

<i>Podosesia syringae</i>	Harris: Spring Valley	28-Feb-11	25-Apr-11	B/K
<i>Podosesia syringae</i>	HENDERSON: NW of Athens	31-Mar-11	07-Apr-11	JMC
<i>Podosesia syringae</i>	JOHNSON: Burlleson	03-Apr-11		RSF
<i>Podosesia syringae</i>	KAUFMAN: Becker	08-Apr-11		JMC
<i>Podosesia syringae</i>	HOUSTON: Neches Overlook	17-Apr-11		RSF
<i>Podosesia syringae</i>	BOWIE: New Boston	27-Jun-11		B/K
<i>Sannina uroceriformis</i>	HOUSTON: Davy Crockett NF	10-May-11		JMC
<i>Carmenta anthracipennis</i>	WISE: LBJ Grasslands	23-Apr-11		RSF
<i>Carmenta anthracipennis</i>	FANNIN: W. of Ladonia	17-May-11		JMC
<i>Carmenta hipsides</i>	BREWSTER: BIBE: Basin	27-Sep-11		B/K
US RECORD, det. T. Eichlin				
<i>Carmenta hela</i>	HIDALGO: Bentsen SP	19-Mar-92		B/K
US RECORD (in TAMU coll.), leg. A.W. Hook & C.R. Nelson, det. T. Eichlin.				
<i>Carmenta hela</i>	CAMERON: Santa Maria NWR	01-Jun-00		B/K
det. T. Eichlin				
<i>Carmenta ithacae</i>	DALLAS: Norbuck Park	01-Jun-11	19-Jun-11	JMC
<i>Carmenta tildeni</i>	Hidalgo: Frontera Audubon	31-Oct-11		MR2
<i>Alcathoe autumnalis</i>	Brewster: BIBE: Basin	27-Sep-11	01-Oct-11	B/K
last 1 mi. W of Pecos Co. line				
COSSIDAE				
<i>Givira arbeloides</i>	Brewster: BIBE: Dugout Wells	13-Apr-11		B/K
<i>Givira arbeloides</i>	HUNT: Greenville	26-Jun-11		ECK
<i>Givira theodori</i>	Brewster: BIBE: Dugout Wells	13-Apr-11		B/K
<i>Cossula magnifica</i>	HOUSTON: Davy Crockett NF	10-May-11		JMC
<i>Comadia redtenbacheri</i>	Brewster: BIBE: Chisos Basin	11-Apr-11	27-Sep-11	B/K
<i>Prionoxystus robiniae</i>	HARRISON: Caddo Lake SP	23-Mar-11		B/K
<i>Prionoxystus robiniae</i>	HOUSTON: Davy Crockett NF	10-May-11		JMC
LIMACODIDAE				
<i>Epiperola perornata</i>	Medina: 3 mi. N of Devine	22-Apr-11		MH1
<i>Lithacodes gracea</i>	JOHNSON: Hamm Creek Park	22-Aug-11		RSF
<i>Apoda biguttata</i>	KAUFMAN: Becker	01-Aug-11		JMC
<i>Apoda maxima</i>	Brewster: BIBE: Basin	26-Sep-11		B/K
<i>Adoneta pygmaea</i>	KAUFMAN: Becker	30-Jul-11		JMC
<i>Monoleuca semifascia</i>	KAUFMAN: Becker	06-Aug-11		JMC
<i>Euclea incisa</i>	JOHNSON: Burlleson	21-Apr-11		RSF
TORTRICIDAE				
<i>Catastega strigatella</i>	Brewster: BIBE: Chisos Basin	12-Apr-11		B/K
<i>Phaneta umbrastriana</i>	SMITH: Tyler SP	24-Mar-11		ECK
<i>Eucosma parapulveratana</i>	HEMPHILL: Canadian	29-May-70	02-Jun-70	ECK
STATE RECORD, A.& M.E. Blanchard, newly described (W.J. Wright, 2011).				
<i>Eucosma parapulveratana</i>	COTTLE: Matador WMA	17-May-85		ECK
<i>Eucosma parapulveratana</i>	POTTER: Lake Meredith NRA	23-Jun-85		ECK
<i>Clepsis anderslaneyii</i>	JEFF DAVIS: Bridge Gap (TNC)	12-Aug-00	15-Aug-00	B/K
STATE RECORD				
URANIIDAE				
<i>Urania fulgens</i>	BASTROP: Utley	07-May-11		TBL
<i>Urania fulgens</i>	Hidalgo: Estero Llano Grande SP	23-Dec-11		TBL
GEOMETRIDAE				
<i>Macaria promiscuata</i>	HARRISON: Caddo Lake SP	23-Mar-11		B/K
<i>Macaria quadrilinearia</i>	HARRISON: Caddo Lake SP	23-Mar-11		B/K
<i>Digrammia irrorata</i>	JOHNSON: Burlleson	11-Mar-11	22-Aug-11	RSF
<i>Enconista dislocaria</i>	JOHNSON: Burlleson	11-Mar-11		RSF
<i>Hypomecis longipectinaria</i>	Harrison: Caddo Lake SP	23-Mar-11		B/K
<i>Stenoporpia blanchardi</i>	Brewster: BIBE: Chisos Basin	12-Apr-11	14-Apr-11	B/K
<i>Stenoporpia margueritae</i>	Brewster: BIBE: Chisos Basin	14-Apr-11		B/K
<i>Tornos erectarius</i>	JOHNSON: Burlleson	13-Mar-11		RSF
<i>Eubarnesia ritaria</i>	Brewster: BIBE: Dugout Wells	13-Apr-11		B/K
<i>Anacamptodes defectaria</i>	JOHNSON: Burlleson	28-Apr-11		RSF
<i>Iridopsis emasculata</i>	Brewster: BIBE: Chisos Basin	12-Apr-11		B/K
<i>Lycia ypsilon</i>	JOHNSON: Burlleson	04-Mar-11		RSF
<i>Phigalia strigataria</i>	JOHNSON: Burlleson	18-Feb-11		RSF
<i>Drepanulatrix bifilata</i>	Brewster: BIBE: Chisos Basin	12-Apr-11		B/K
<i>Stergamataea delicata dolliata</i>	Jeff Davis: Davis Mts. SP	30-Sep-11		B/K
<i>Euchlaena obtusaria</i>	JOHNSON: Burlleson	04-Apr-11		RSF
<i>Pero radiosaria</i>	Jeff Davis: Davis Mts. SP	30-Sep-11		B/K
<i>Nacophora quernaria</i>	JOHNSON: Burlleson	24-Mar-11		RSF

<i>Philtraea paucimacula</i>	Brewster: BIBE: Chisos Basin	12-Apr-11		ECK
<i>Caripeta ocellaria</i>	Brewster: BIBE: Basin	28-Sep-11		B/K
<i>Lambdina vitaria</i>	Brewster: BIBE: Chisos Basin	12-Apr-11		ECK
<i>Somatolophia petila</i>	Brewster: BIBE: Chisos Basin	12-Apr-11		ECK
<i>Synaxis triangulata</i>	Brewster: BIBE: Basin	28-Sep-11		B/K
<i>Tetracis crocallata</i>	Harrison: Caddo Lake SP	23-Mar-11		B/K
<i>Prochoerodes transversata</i>	JOHNSON: Burleson	19-May-11		RSF
<i>Nemoria elfa</i>	Smith: Tyler SP	24-Mar-11		B/K
<i>Nemoria viridicaria</i>	Brewster: BIBE: Chisos Basin	12-Apr-11		B/K
<i>Hethemia pistasciaria</i>	HARRISON: Caddo Lake SP	23-Mar-11		B/K
<i>Hethemia pistasciaria</i>	SMITH: Tyler SP	24-Mar-11		B/K
<i>Idaea asceta</i>	CAMERON: Laguna Atascosa	01-Apr-78		CVC
US RECORD: specimen found in USNM; leg. A. Blanchard				
<i>Idaea asceta</i>	HIDALGO: Sal de Rey NWR	23-Jun-00		B/K
previously reported as <i>I. pervertipennis</i>				
<i>Idaea asceta</i>	MEDINA: 3 mi. N of Devine	15-Sep-09		MH1
also known from Kleberg & Kenedy Co.'s.				
<i>Scopula cacuminaria</i>	SMITH: Tyler SP	24-Mar-11		B/K
<i>Stamnodes franckata</i>	Brewster: BIBE: Basin	27-Sep-11		B/K
<i>Prorella albida</i>	Brewster: BIBE: Basin	26-Sep-11		B/K
<i>Prorella gypsata</i>	Jeff Davis: Davis Mts. SP	30-Sep-11		B/K
LASIOCAMPIDAE				
<i>Heteropacha rileyana</i>	HARRISON: Caddo Lake SP	23-Mar-11		ECK
<i>Phylodesma americana</i>	JOHNSON: Burleson	28-Feb-11		RSF
<i>Phylodesma occidentis</i>	JOHNSON: Burleson	10-Mar-11		RSF
SATURNIIDAE				
<i>Eacles imperialis</i>	HARRISON: Caddo Lake SP	10-Sep-09		GS1
<i>Sphingicampa bicolor</i>	JOHNSON: Burleson	10-Jul-11		RSF
<i>Dryocampa rubicunda</i>	HOUSTON: Davy Crockett NF	10-May-11		JMC
<i>Anisota stigma</i>	BASTROP: Utley	07-Sep-11	12-Sep-11	TBL
<i>Hemileuca grotei</i>	KENDALL: nr. Boerne	18-Nov-11		JFD
<i>Automeris io</i>	HOUSTON: Davy Crockett NF	10-May-11		JMC
<i>Agapema anona dyari</i>	Brewster: BIBE: Basin	27-Sep-11		CWB
also in Marathon				
<i>Antheraea polyphemus</i>	KENDALL: nr. Boerne	17-Mar-11		JFD
<i>Actias luna</i>	ROBERTSON: no locality given	09-Jul-10		GS1
<i>Rothschildia lebeau forbesi</i>	Hidalgo: Santa Ana NWR	26-Oct-11		MR2
<i>Eupackardia calleta</i>	Brewster: BIBE: Basin	28-Sep-11		B/K
SPHINGIDAE				
<i>Dolba hyloeus</i>	MCLENNAN: McGregor	27-Sep-10		
<i>Ceratomia amyntor</i>	JOHNSON: Burleson	03-Apr-11		RSF
<i>Sphinx kalmiae</i>	MARION: Jefferson	11-Aug-10		TBL
STATE RECORD; leg. Jason Cole				
<i>Sphinx libocedrus</i>	MCLENNAN: Harris Creek	19-Sep-11		AG1
<i>Lintneria istar</i>	Val Verde: Del Rio	01-Oct-11		CWB
<i>Paonias excaecata</i>	HARRISON: Caddo Lake SP	24-Mar-11		ECK
<i>Aellopos fadus</i>	MCLENNAN: Harris Creek	04-Aug-11		AG1
2nd State Record				
<i>Aellopos fadus</i>	HIDALGO: Mission	27-Oct-11		TBL
M. Reid				
<i>Aellopos titan</i>	MCLENNAN: Harris Creek	09-Aug-11	20-Aug-11	AG1
<i>Aellopos titan</i>	KENDALL: Cibolo Creek NA	20-Sep-11		TBL
<i>Hemaris diffinis</i>	BREWSTER: Marathon	18-Mar-11		Y/T
<i>Hemaris diffinis</i>	Harrison: Caddo Lake SP	23-Mar-11		ECK
<i>Eumorpha labruscae</i>	STARR: Falcon Heights	15-Oct-11	30-Nov-11	BN1
ex larva, emerged 30 Nov.				
<i>Eumorpha labruscae</i>	CALDWELL: Martindale	26-Nov-11		JMC
larva, R.G. King III				
<i>Eumorpha vitis</i>	ELLIS: no locality given	09-Sep-10		GS1
<i>Eumorpha vitis</i>	WILLIAMSON: "north county"	19-Aug-11		TBL
<i>Deidamia inscriptum</i>	KENDALL: nr. Boerne	24-Mar-07		JFD
<i>Deidamia inscriptum</i>	JOHNSON: Burleson	22-Mar-11		RSF
<i>Amphion floridensis</i>	MCLENNAN: McGregor	30-Aug-10		AG1
<i>Darapsa choerilus</i>	MCLENNAN: McGregor	10-Jul-10		AG1
<i>Darapsa choerilus</i>	HARRISON: Caddo Lake SP	23-Mar-11		CWB
<i>Darapsa myron</i>	MCLENNAN: McGregor	10-Sep-10		AG1
<i>Xylophanes pluto</i>	Hidalgo: Mission	14-Nov-11		MR2

Xylophanes tersa	ELLIS: no locality given	30-Aug-09	GS1
Xylophanes tersa	MCLENNAN: McGregor	28-Jul-10	AG1
NOTODONTIDAE			
Clostera albosigma	KAUFMAN: Becker	04-Mar-11	JMC
Hyperaeschra georgica	JOHNSON: Burleson	01-Apr-11	RSF
Nerice bidentata	HARRISON: Caddo Lake SP	23-Mar-11	B/K
Nerice bidentata	JOHNSON: Burleson	11-Apr-11	RSF
Furcula borealis	HARRISON: Caddo Lake SP	23-Mar-11	B/K
Furcula cinerea	JOHNSON: Burleson	11-Mar-11	RSF
Ellida caniplaga	HARRISON: Caddo Lake SP	23-Mar-11	B/K
Litodonta hydromeli	JOHNSON: Burleson	13-Mar-11	RSF
Lochmaeus bilineata	JOHNSON: Burleson	13-Apr-11	RSF
Schizura badia	JOHNSON: Hamm Creek Park	22-Aug-11	JMC
Oligocentria lignicolor	JOHNSON: Burleson	11-Apr-11	RSF
Hyparpax aurostriata	JOHNSON: Hamm Creek Park	22-Aug-11	JMC
NOCTUIDAE			
Eulepidotis persimilis	HIDALGO: Mission	05-Oct-11	MR2
US RECORD			
Eumestleta cinnamomea	KAUFMAN: Becker	22-May-11	JMC
Metalectra diabolica	JOHNSON: Hamm Creek Park	22-Aug-11	JMC
Thysania zenobia	Starr: Falcon Heights	10-Oct-11	BN1
others reported from Harris and Travis Co.'s in early Oct.			
Thysania zenobia	Hidalgo: Santa Ana NWR	16-Nov-11	CWB
Gonodonta pyrgo	MCLENNAN: McGregor	03-Jul-10	TBL
Gonodonta pyrgo	Starr: Falcon Heights	30-Sep-11	BN1
Gonodonta sicheas	BREWSTER: BIBE: Basin	28-Sep-11	ECK
Eudocima materna	STARR: Falcon Heights	01-Oct-11	BN1
Hypsoropha hormos	HOUSTON: Davy Crockett NF	10-May-11	JMC
Goniapteryx servia	Medina: 3 mi. N of Devine	04-Jan-11	MH1
Phoberia atomaris	JOHNSON: Burleson	22-Feb-11	RSF
Cissusa valens	Brewster: BIBE: Chisos Basin	14-Apr-11	B/K
Drasteria grandirena	JASPER: Martin Dies SP	20-Mar-11	ECK
Drasteria howlandi	Brewster: BIBE: Chisos Basin	14-Apr-11	B/K
Euclidia cuspeida	Anderson: Gus Engling WMA	01-Apr-11	JMC
Euclidia triangula	Brewster: BIBE: Basin	27-Sep-11	ECK
Tathorhynchus exsiccatu	KAUFMAN: Becker	29-Sep-11	JMC
Panopoda carneicosta	JOHNSON: Burleson	17-May-11	RSF
Panopoda rufimargo	JOHNSON: Burleson	09-Aug-11	RSF
Lesmone griseipennis	Brewster: BIBE: Chisos Basin	14-Apr-11	B/K
Heteranassa mimia	JOHNSON: Burleson	01-Apr-11	RSF
Coenipeta bibitrix	MEDINA: 3 mi. N of Devine	28-Aug-11	MH1
Metria amella	JOHNSON: Burleson	18-May-11	RSF
Toxonprucha clientis	Val Verde: Del Rio	25-Sep-11	ECK
Zale edusina	JOHNSON: Hamm Creek Park	22-Aug-11	JMC
leg. J. Carter			
Zale horrida	HOUSTON: Davy Crockett NF	10-May-11	JMC
Ophisma tropicalis	Hidalgo: Mission	23-Nov-11	MR2
Parallelia bistriaris	HARRISON: Caddo Lake SP	23-Mar-11	B/K
Catocala clintoni	Kaufman: Becker	01-May-11	JMC
Catocala clintoni	JOHNSON: Burleson	07-May-11	RSF
Catocala coccinata	JOHNSON: Burleson	03-May-11	RSF
Catocala connubialis	Kaufman: Becker	01-May-11	JMC
Catocala connubialis	HOUSTON: Davy Crockett NF	10-May-11	JMC
Catocala dejecta	KAUFMAN: Becker	20-May-11	JMC
Catocala delilah	JOHNSON: Burleson	23-May-11	RSF
Catocala delilah desdemona	Brewster: BIBE: Basin	27-Sep-11	B/K
Catocala epione	LAMAR: Pat Mayse Park	05-Jun-11	JMC
Catocala frederici	Brewster: BIBE: Basin	27-Sep-11	ECK
Catocala gryneus	HOUSTON: Davy Crockett NF	10-May-11	JMC
Catocala ilia	Kaufman: Becker	01-May-11	JMC
Catocala ilia	HOUSTON: Davy Crockett NF	10-May-11	JMC
Catocala lineella	HOUSTON: Davy Crockett NF	10-May-11	JMC
Catocala lineella	JOHNSON: Burleson	05-Jun-11	RSF
Catocala maestosa	ELLIS: no locality given	06-Aug-06	GS1
Catocala minuta	Kaufman: Becker	01-May-11	JMC
Catocala pretiosa	Kaufman: Becker	01-May-11	JMC

<i>Catocala pretiosa</i>	HOUSTON: Davy Crockett NF	10-May-11		JMC
<i>Catocala similis</i>	JOHNSON: Burleson	25-May-11		RSF
<i>Catocala texana</i>	Kaufman: Becker	31-May-11		JMC
<i>Catocala ultronia</i>	Harris: Spring Valley	01-May-11		B/K
<i>Catocala ultronia</i>	HOUSTON: Davy Crockett NF	10-May-11		JMC
<i>Catocala ultronia</i>	JOHNSON: Burleson	22-May-11		RSF
<i>Catocala umbrosa</i>	JOHNSON: Burleson	28-May-11		RSF
<i>Catocala verrilliana</i>	Brewster: BIBE: Basin	27-Sep-11		ECK
<i>Tripudia chihuahuana</i>	Brewster: BIBE: Basin	27-Sep-11		B/K
<i>Maliattha concinnimacula</i>	JOHNSON: Burleson	31-Mar-11		RSF
<i>Cerma cora</i>	KAUFMAN: Becker	08-Apr-08		JMC
<i>Aleptina clinopetes</i>	VAL VERDE: Del Rio	01-Oct-11		ECK
<i>Cydosia aurivitta</i>	KAUFMAN: Becker	06-Jun-11		JMC
<i>Cydosia aurivitta</i>	JOHNSON: Hamm Creek Park	22-Aug-11		JMC
<i>Tarachidia phecolisca</i>	JOHNSON: Hamm Creek Park	22-Aug-11		JMC
<i>Tarachidia tortricina</i>	KAUFMAN: Becker	22-Aug-11		JMC
<i>Conochares elegantula</i>	KAUFMAN: Becker	19-Apr-11		JMC
<i>Acontia bilimeki</i>	BREWSTER: BIBE: Basin	27-Sep-11		B/K
<i>Acontia chea</i>	Brewster: BIBE: Basin	27-Sep-11		B/K
<i>Acontia chea</i>	Val Verde: Del Rio	01-Oct-11		B/K
<i>Acontia cretata</i>	JOHNSON: Hamm Creek Park	22-Aug-11		JMC
leg. J. Carter				
<i>Acontia flavipennis</i>	KAUFMAN: Becker	04-Mar-11		JMC
<i>Acontia quadriplaga</i>	JOHNSON: Hamm Creek Park	09-Jul-11	22-Aug-11	JMC
<i>Charadra dispulsa</i>	Uvalde: Concan	16-Apr-11		B/K
<i>Charadra moneta</i>	Brewster: BIBE: Chisos Basin	14-Apr-11		B/K
<i>Charadra moneta</i>	Brewster: BIBE: Basin	28-Sep-11		B/K
<i>Raphia abrupta</i>	JOHNSON: Burleson	11-Mar-11		RSF
<i>Acronicta brumosa</i>	JOHNSON: Burleson	23-Mar-11		RSF
<i>Acronicta morula</i>	Harris: Spring Valley	30-May-11		B/K
<i>Acronicta rubricoma</i>	JOHNSON: Hamm Creek Park	22-Aug-11		JMC
<i>Acronicta tota</i>	KAUFMAN: Becker	15-Mar-11		JMC
<i>Acronicta valliscola</i>	Brewster: BIBE: Basin	27-Sep-11		B/K
<i>Acronicta vinnula</i>	KAUFMAN: Becker	03-Mar-11		JMC
<i>Psychomorpha epimenis</i>	Harris: Spring Valley	02-Mar-11		CWB
<i>Psychomorpha epimenis</i>	BASTROP: Utley	29-Dec-11		TBL
very early record.				
<i>Alypia octomaculata</i>	Harris: Spring Valley	02-Mar-11		B/K
<i>Alypia octomaculata</i>	HARRISON: Caddo Lake SP	23-Mar-11		B/K
<i>Opsigalea blanchardi</i>	Brewster: Marathon	25-Sep-11		B/K
<i>Emariannia cucullidea</i>	Brewster: Marathon	25-Sep-11		B/K
<i>Catabena lineolata</i>	KAUFMAN: Becker	04-Mar-11		JMC
<i>Sympistis atricollaris</i>	Brewster: BIBE: Basin	27-Sep-11		B/K
<i>Sympistis collaris</i>	Brewster: BIBE: Chisos Basin	12-Apr-11		B/K
<i>Sympistis cottami</i>	Brewster: BIBE: Basin	27-Sep-11		B/K
<i>Sympistis griseicollis</i>	Brewster: BIBE: Chisos Basin	12-Apr-11		B/K
<i>Amphipyra pyramidoides</i>	JOHNSON: Burleson	16-Jun-11		RSF
<i>Psaphida electilis</i>	SMITH: Tyler SP	24-Mar-11		B/K
<i>Psaphida resumens</i>	JOHNSON: Burleson	02-Mar-11		RSF
<i>Feralia major</i>	Tyler: Colmesneil	23-Dec-11		ECK
Wanda Smith photo				
<i>Nocloa aliaga</i>	Brewster: BIBE: Basin	27-Sep-11		B/K
<i>Lythrododes radiatus</i>	Brewster: Marathon	25-Sep-11		ECK
<i>Redingtonia alba</i>	BREWSTER: Marathon	25-Sep-11		CWB
<i>Phosphila miselioides</i>	JOHNSON: Burleson	31-Mar-11		RSF
<i>Oxycnemis grandimacula</i>	Brewster: BIBE: Dugout Wells	13-Apr-11	25-Sep-11	B/K
last date in Marathon				
<i>Plagiomimicus manti</i>	BREWSTER: Marathon	25-Sep-11		CWB
<i>Cirrhophanus pretiosa</i>	KAUFMAN: Becker	16-Jul-11		JMC
<i>Stiria dyari</i>	Brewster: BIBE: Basin	27-Sep-11		B/K
<i>Azenia perflava</i>	Brewster: BIBE: Basin	26-Sep-11	28-Sep-11	B/K
<i>Rhodoecia aurantiago</i>	BREWSTER: BIBE: Basin	26-Sep-11		CWB
<i>Heliiothis phloxiphagus</i>	JOHNSON: Burleson	11-Mar-11		RSF
<i>Schinia accessa</i>	Jeff Davis: Fort Davis	29-Sep-11		B/K
<i>Schinia bina</i>	KAUFMAN: Becker	29-Sep-11		JMC
<i>Schinia cupes</i>	KAUFMAN: Becker	30-Apr-11		JMC
<i>Schinia mitis</i>	BEE: Beeville	07-Apr-11		TBL

Schinia saturata	KAUFMAN: Becker	19-Sep-11		JMC
Schinia ultima	KAUFMAN: Becker	03-Oct-11	08-Oct-11	JMC
Schinia varix	JOHNSON: Burleson	30-Aug-11		RSF
Perigea enixa	Jeff Davis: Davis Mts. SP	30-Sep-11		ECK
Draudtia revellata	Brewster: BIBE: Dugout Wells	13-Apr-11		B/K
Leuconycta lepidula	HARRISON: Caddo Lake SP	23-Mar-11		B/K
Nacopa melanderi	Brewster: BIBE: Chisos Basin	14-Apr-11		B/K
Spodoptera latifascia	JOHNSON: Burleson	17-Mar-11		RSF
Properigea costa	Brewster: BIBE: Dugout Wells	13-Apr-11		B/K
Properigea loculosa	Brewster: BIBE: Dugout Wells	13-Apr-11		B/K
Properigea seitzii	Brewster: BIBE: Chisos Basin	14-Apr-11		B/K
Sericaglaea signata	JOHNSON: Burleson	23-Mar-11		RSF
Xystoepplus rufago	JOHNSON: Burleson	11-Mar-11		RSF
Xystoepplus rufago	SMITH: Tyler SP	24-Mar-11		B/K
Orthosia mediomacula	Brewster: BIBE: Basin	27-Sep-11		B/K
Egira variabilis	Brewster: BIBE: Chisos Basin	14-Apr-11		B/K
Morrisonia confusa	JOHNSON: Burleson	02-Mar-11		RSF
Morrisonia mucens	MEDINA: 3 mi. N of Devine	03-Mar-11		MH1
Morrisonia mucens	JOHNSON: Burleson	03-Mar-11		RSF
Anarta mutata	Brewster: BIBE: Basin	27-Sep-11		B/K
Trichordestra beani	KAUFMAN: Becker	07-Oct-10	30-Sep-11	JMC
2nd State Record				
Faronta diffusa	JOHNSON: Burleson	15-Mar-11		RSF
Faronta rubripennis	Val Verde: Del Rio	01-Oct-11		ECK
Leucania adjuta	JOHNSON: Burleson	03-Apr-11		RSF
Lacinipolia strigicollis	JOHNSON: Burleson	09-Apr-11		RSF
Protorthodes orobia	Uvalde: Concan	16-Apr-11		B/K
Ulolonche consopita	Brewster: BIBE: Chisos Basin	12-Apr-11		B/K
Ulolonche dilecta	Brewster: BIBE: Chisos Basin	12-Apr-11		B/K
Ulolonche disticha	Uvalde: Concan	16-Apr-11		B/K
Hyssia degenerans	Brewster: BIBE: Dugout Wells	13-Apr-11		B/K
Tricholita chipeta	Brewster: BIBE: Basin	27-Sep-11		B/K
Xanthopastis timais	HARRISON: Marshall	21-Mar-11		CWB
Euxoa serotina	KAUFMAN: Becker	10-Nov-10		JMC
Cerastis tenebrifera	HARRISON: Caddo Lake SP	23-Mar-11		B/K
Agnorisma badinodis	JOHNSON: Burleson	01-Nov-11		RSF
EREBIDAE				
Cisthene packardii	HOUSTON: Davy Crockett NF	10-May-11		JMC
Cisthene subjecta	SMITH: Tyler SP	24-Mar-11		B/K
Lophocampa bicolor	BREWSTER: BIBE: Basin	11-May-59		BCS
US RECORD, M.R. MacKay specimen found in CNC.				
Lophocampa bicolor	Brewster: BIBE: Basin	28-May-81	07-Sep-10	B/K
Hypoprepia fucosa	HOUSTON: Davy Crockett NF	10-May-11		JMC
Holomelina laeta	HOUSTON: Davy Crockett NF	10-May-11		JMC
Grammia doris	HOUSTON: Davy Crockett NF	10-May-11		JMC
Apantesis phalerata	JOHNSON: Burleson	09-Apr-11		RSF
Spilosoma dubia	JOHNSON: Burleson	15-Mar-11		RSF
Eueytrha phasma	Travis: Austin	02-Mar-11		TBL
Eueytrha phasma	JOHNSON: Hamm Creek Park	22-Aug-11		JMC
Haploa clymene	HOUSTON: Davy Crockett NF	10-May-11		JMC
Utetheisa ornatrix	LAMAR: Pat Mayse Park	05-Jun-11		JMC
Euchaetes egle	HOUSTON: Davy Crockett NF	10-May-11		JMC
Pygarctia pterygostigma	Brewster: Marathon	25-Sep-11		ECK
Leucanopsis longa	HOUSTON: Davy Crockett NF	10-May-11		JMC
Dysschema howardi	Brewster: Marathon	25-Aug-11		Y/T
Horama pantholon texana	Brewster: Marathon	26-Aug-11		Y/T
EUTELIIDAE				
Marathyssa inficita minus	JOHNSON: Hamm Creek Park	22-Aug-11		RSF
NOLIDAE				

Meganola minuscula	JOHNSON: Burleson	11-Mar-11	RSF
Meganola spodia	JOHNSON: Burleson	28-Apr-11	RSF
Baileya acadiana	HARRISON: Caddo Lake SP	23-Mar-11	B/K
Baileya ellesyoo	SMITH: Tyler SP	24-Mar-11	B/K

Zone 7 Ontario/Quebec Ontario, Quebec

Coordinator: Jeffrey P. Crolla

Contributors Cited:

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ONTARIO

Alan Wormington, Brandon Holden, and Mark Jennings spent two weeks at Netitishi Point and Moosonee on James Bay in August, and found *Lycaena hyllus* (a recent colonizer to James Bay), a late-flying *Celastrina* that could be the undescribed 'Bog Azure', and *Speyeria cybele*, which may be resident in lush disturbed habitats around Moosonee and Moose Factory (Alan Wormington pers. comm.).

Paul DesJardins found a single *Achalarus lyciades* at Spring Garden Prairie in Windsor in June, the only known Canadian location for this species. *Erynnis horatius* and *Erynnis funeralis* made another good showing at Point Pelee Nat. Pk. this year, and a single stray *horatius* was also photographed in Toronto in August, the most northerly record for the province. Checkered Skippers were again present in numbers through the season in southwestern Ontario. This year produced some surprising late records, including the first July record of *Erora laeta* for Ontario in Haliburton County, and *Megisto cymela* in early September in the Ottawa area.

Aellopos titan and *Ascalapha odorata* were recorded in southern Ontario in late September, and David Bree photographed the second record for Canada of the introduced Leopard Moth, *Zeuzera pyrina*.

Butterflies

HESPERIIDAE

<i>Achalarus lyciades</i> one very fresh seen by Paul DesJardins on 4-Jun; (seen & photographed the following day by Adam & Rosalee Hall)	Essex: Windsor, Spring Garden Prairie	04-Jun-11	05-Jun-11	P-P
<i>Erynnis funeralis</i> also Kevin McLaughlin; photo	Essex: Point Pelee NP, West Beach	12-Aug-11		WGL
<i>Erynnis funeralis</i> also Rob Waldhuber et al., photo	Essex: Point Pelee NP, 100m S of West Beach parking lot	18-Sep-11		WGL
<i>Erynnis horatius</i> one seen & photographed by Karen Yukich	Essex: Point Pelee NP, West Beach S of Visitors Centre	29-Jul-11		R-Y
<i>Erynnis horatius</i> also Dan Bone; one seen	Essex: Pelee Island, Stone Rd. alvar	31-Jul-11		R-Y
<i>Erynnis horatius</i> 8 seen, photo; record one day count for Park; strong westerlies blew these skippers in along the length of the peninsula	Essex: Point Pelee NP, West Beach S of Visitors Centre	01-Aug-11		R-Y
<i>Erynnis horatius</i> also Karen Yukich, Alan Wormington & Henrietta T. O'Neill; one seen in large field in Tip area	Essex: Point Pelee NP, West Beach S of Visitors Centre	02-Aug-11		R-Y
<i>Erynnis horatius</i> seen by Alfred Adamo, photo; very rare stray, NEW to Toronto & the 8th <i>Erynnis</i> sp. for Toronto; northern range extension	METROPOLITAN TORONTO: Toronto, Leslie Street Spit	07-Aug-11		R-Y
<i>Erynnis horatius</i> two seen by Blake A. Mann	Essex: Point Pelee NP, West Beach trail	07-Aug-11		JC
<i>Erynnis horatius</i> also Kevin McLaughlin; photos; one on 12-Aug; 4 on 13-Aug incl. pair in copula	Essex: Point Pelee NP, West Beach	12-Aug-11	13-Aug-11	WGL
<i>Erynnis horatius</i> seen by Alan Wormington, Rob Waldhuber & Jean Iron; female, photo	Essex: Point Pelee NP, West Beach	18-Sep-11		WGL
<i>Pyrgus communis</i> 8 seen on 11-Jun	Essex: Leamington, Oak & Poplar Sts., vacant lot	11-Jun-11	18-Sep-11	R-Y
<i>Pyrgus communis</i> also Karen Yukich & Susan Blayney; 7 seen	Essex: Pelee Island, SW quadrant	30-Jul-11		R-Y
<i>Pyrgus communis</i> one seen on each date	Essex: Point Pelee NP, West Beach S of Visitors Centre	17-Sep-11	09-Oct-11	R-Y
<i>Pyrgus communis</i> 22 seen on 9-Oct	Essex: Leamington, field behind Shoeless Joe's Restaurant	18-Sep-11	09-Oct-11	R-Y
<i>Pyrgus communis</i> 2 seen	Essex: Bevel Line Rd. at Sturgeon Creek, soybean field	07-Oct-11		R-Y

Thymelicus lineola & Brandon Holden, Mark Jennings; LATE; three fresh seen; none seen there Aug. 26-27.	Cochrane: Moosonee, Moosonee dump	12-Aug-11		AW
Hylephila phyleus also Richard Carr; 4 seen; first immigrants of season	Essex: Leamington, field behind Shoeless Joe's Restaurant	14-Jul-11		AW
Hylephila phyleus	Brant: Brantford, Grand River, Hardy Rd.	16-Jul-11		WGL
Hylephila phyleus high count of 30 on 2-Sep	Metropolitan Toronto: Toronto, James Gardens	20-Jul-11	28-Sep-11	R-Y
Hylephila phyleus	Metropolitan Toronto: High Park	24-Jul-11	13-Oct-11	R-Y
Hylephila phyleus also Karen Yukich & Susan Blayney; 13 seen	Essex: Pelee Island, SW quadrant	30-Jul-11		R-Y
Hylephila phyleus high count of 6 on 17-Sep	Essex: Point Pelee NP, West Beach S of Visitors Centre	01-Aug-11	09-Oct-11	R-Y
Hylephila phyleus high count of 24 on 22-Sep	Metropolitan Toronto: Toronto Islands	30-Aug-11	22-Sep-11	R-Y
Hylephila phyleus also Gillian Mastromatteo; one male seen, photo; 3rd Park record	Northumberland: Presqu'île PP, Owen Point	11-Sep-11		DB
Hylephila phyleus high count of 56 on 9-Oct incl. several pairs in copula	Essex: Leamington, field behind Shoeless Joe's Restaurant	18-Sep-11	09-Oct-11	R-Y
Hylephila phyleus one seen by Bill Gilmour; 4th Park record	Northumberland: Presqu'île PP, 83 Bayshore Dr.	10-Oct-11		DB
Hylephila phyleus one female seen, LATE	Metropolitan Toronto: Centre Island	25-Oct-11		R-Y
Hylephila phyleus fresh male, photo; very LATE	Essex: Leamington, field behind Shoeless Joe's Restaurant	06-Nov-11		AW
Polites peckius & Karl R. Overman; LATE; one ragged female	Cochrane: Moosonee, S end of Quarry Rd.	29-Aug-11		AW
Polites peckius LATE, photo	Essex: Leamington, field behind Shoeless Joe's Restaurant	09-Oct-11		R-Y
Anatrytone logan	Ottawa: Burnt Lands, W of Burnt Lands Rd., N of March Rd.	05-Jul-11		PWH
Anatrytone logan	Leeds-Grenville: Bishops Mills, Bolton Rd. nr. Land O'Nod Rd.	19-Jul-11		PWH
Anatrytone logan	Ottawa: Ashton Station, N end of Lowe Rd.	27-Jul-11		PWH
Anatrytone logan very LATE; one seen & photographed by David Edwards & John Hall; unusual partial 2nd gen.	Lennox & Addington: Sandhurst Shores	09-Oct-11		JC
Poanes hobomok LATE; also Karen Yukich; one very worn seen	Durham: S of Blackwater, old railway bed	17-Jul-11		R-Y
Euphyes bimacula	Ottawa: Burnt Lands, W of Burnt Lands Rd., N of March Rd.	05-Jul-11		PWH
PAPILIONIDAE				
Battus philenor worn female, photo; same individual present on both dates, ovipositing repeatedly on ornamental pipevine in garden	Metropolitan Toronto: Toronto, Jones Ave.	18-Aug-11	20-Aug-11	JC
Papilio cresphontes 11 seen; photo	Frontenac: Chaffeys Locks, Opinicon Rd. at Lindsay Trail	17-Aug-09		PWH
Papilio cresphontes seen by Joanne Dewey; beginning of 1st brood	Prince Edward: Elmbrook Rd.	28-May-11		DB
Papilio cresphontes four seen	Prince Edward: Point Petre	04-Jun-11		DB
Papilio cresphontes also Rick Cavaasin	Frontenac: Chaffeys Locks Rd. at Lindsay Lake Trail	21-Jun-11		PWH
Papilio cresphontes seen by Bill Gilmour	Northumberland: Presqu'île PP, 83 Bayshore Dr.	28-Jun-11		DB
Papilio cresphontes average wear - late 1st or early 2nd brood individual	Prince Edward: Victoria Rd.	09-Jul-11		DB
Papilio cresphontes seen by Joanne Dewey; start of 2nd brood; good numbers in county through Aug.; biggest numbers along Army Reserve Rd.	Prince Edward: Elmbrook Rd.	23-Jul-11		DB
Papilio cresphontes photo	Norfolk: nr. Normandale, Spooky Hollow Sanctuary	04-Aug-11		WGL
Papilio cresphontes one seen flying through garden on each date (poss. same butterfly)	Hastings: 10 km N of Madoc	18-Aug-11	19-Aug-11	L-M
Papilio cresphontes one seen on each date, photo	Metropolitan Toronto: High Park	31-Aug-11	02-Sep-11	R-Y
Papilio cresphontes two seen by Joanne Dewey; LATE; partial 3rd brood	Prince Edward: Elmbrook Rd.	30-Sep-11	02-Oct-11	DB
Papilio polyxenes LATE; pair in copula, photo	Essex: Leamington, field behind Shoeless Joe's Restaurant	09-Oct-11		R-Y
Papilio troilus 12 seen, photo	Norfolk: nr. Normandale, Spooky Hollow Sanctuary	04-Aug-11		WGL
Papilio troilus singletons seen on four dates incl. a very LATE female photographed on 11-Oct	Metropolitan Toronto: High Park	23-Aug-11	11-Oct-11	R-Y

Papilio troilus LATE; one female seen	Essex: Point Pelee NP, West Beach S of Visitors Centre	08-Oct-11	R-Y
PIERIDAE			
Pontia occidentalis & Brandon Holden, Mark Jennings;	Cochrane: Netitishi Point seen daily with high count of 40+ on Aug.21; 2nd most numerous species after P. rapae	13-Aug-11 26-Aug-11	AW
Pontia occidentalis & Karl R. Overman; two seen	Cochrane: Moose Factory	27-Aug-11	AW
Pontia occidentalis & Karl R. Overman; several seen, photo	Cochrane: Moosonee	28-Aug-11 29-Aug-11	AW
Pieris oleracea & Brandon Holden, Mark Jennings;	Cochrane: Netitishi Point a few seen; always within spruce forest rather than coastal meadows	13-Aug-11 26-Aug-11	AW
Pieris rapae & Brandon Holden, Mark Jennings;	Cochrane: Netitishi Point most numerous species but very scarce until huge emergence on Aug. 21 when 250+ seen	13-Aug-11 26-Aug-11	AW
Pieris rapae LATE	Metropolitan Toronto: Toronto Music Garden	02-Nov-11	R-Y
Colias eurytheme & Brandon Holden, Mark Jennings;	Cochrane: Netitishi Point one seen	16-Aug-11	AW
Colias eurytheme 2 seen, LATE	Metropolitan Toronto: Toronto Islands, Hanlan's Point	15-Nov-11	R-Y
Colias eurytheme LATE, photo	Metropolitan Toronto: South Humber Park	25-Nov-11	R-Y
Colias eurytheme two seen; record LATE date for Park	Essex: Point Pelee NP, old maintenance compound	01-Dec-11	AW
Colias philodice & Brandon Holden, Mark Jennings;	Cochrane: Netitishi Point a few seen in coastal meadows	13-Aug-11 26-Aug-11	AW
Colias philodice LATE; 4 seen; one captured in mid-air by Anax junius dragonfly	Metropolitan Toronto: Humber Valley from Lambton Pk. to L. Ontario	25-Nov-11	R-Y
Phoebis sennae also Rob Waldhuber; one seen	Essex: Point Pelee NP, West Beach	17-Sep-11	WGL
LYCAENIDAE			
Lycaena hyllus & Brandon Holden, Mark Jennings;	Cochrane: Netitishi Point max. of 30 on 14-Aug; in coastal meadows; a very recent colonizer to James Bay	13-Aug-11 26-Aug-11	AW
Lycaena hyllus LATE; male & female, worn, photo	Essex: Leamington, field behind Shoeless Joe's Restaurant	09-Oct-11	R-Y
Satyrrium caryaeorum photo	Ottawa: Petrie Island, Bill Holland Trail	05-Jul-11	PWH
Callophrys niphon clarki LATE; two seen	Ottawa: Britannia Woods	03-Jun-11	PWH
Strymon melinus also T. Norris; one seen; likely a resident population	Lennox & Addington: Sheffield Conservation Area (44°33'N, 77°07'23"	10-Jun-11	DB
Strymon melinus also Kevin McLaughlin & Rob Waldhuber; one seen	Renfrew: Mackie, Ashport Rd.	20-Jun-11	WGL
Strymon melinus in garden	HASTINGS: 10 km N of Madoc	15-Jul-11	L-M
Strymon melinus very fresh, photo; nectaring on purple coneflower	Metropolitan Toronto: Centre Island	16-Aug-11	R-Y
Erora laeta Record LATE date for ON!; caught & released by Margaret Carney; photo by Ed Poropat;Haliburton Highlands Butterfly Count	HALIBURTON: nr. Minden	07-Jul-11	JC
Celastrina ladon extremely LATE; singletons seen on Aug.19 (photos), 22 & 24, all worn; possibly the undescribed 'Bog Azure'	Cochrane: Netitishi Point	19-Aug-11 24-Aug-11	AW
Celastrina neglecta LATE; one seen by Karen Yukich, photo	Essex: Point Pelee NP, West Beach S of Visitors Centre	08-Oct-11	R-Y
NYMPHALIDAE			
Libytheana carinenta worn, photo	Metropolitan Toronto: Toronto, Lincoln Ave.	12-Jul-11	R-Y
Libytheana carinenta photo	Brant: Brantford, Grand River, Hardy Rd.	16-Jul-11	WGL
Libytheana carinenta & K. Yukich, S. Blayney; 47 seen; Pelee Is. Butterfly Count	Essex: Pelee Island, SW quadrant	30-Jul-11	R-Y
Libytheana carinenta Charlotteville Rd.2; photo	Norfolk: nr. Normandale, Spooky Hollow Sanctuary	04-Aug-11	WGL
Libytheana carinenta bred on Islands this year; one seen on 1st date, 9 on 2nd date; photos; most fresh, nr. ornamental Celtis occidentalis	Metropolitan Toronto: Toronto Islands	12-Aug-11 30-Aug-11	R-Y
Libytheana carinenta one seen, fresh, photo	Metropolitan Toronto: Centre Island	12-Sep-11	R-Y
Danaus plexippus LATE; 52 seen on 2-Nov, 11 seen on 6-Nov	Metropolitan Toronto: Toronto Islands	02-Nov-11 06-Nov-11	R-Y

Coenonympha tullia & Brandon Holden, Mark Jennings; one seen, in coastal meadows	Cochrane: Netitishi Point	16-Aug-11		AW
Megisto cymela very LATE!; one seen; partial 2nd gen.?	Prescott-Russell: Larose Forest, Conc.10 N of Clarence Cambridge R	02-Sep-11		PWH
Euptoieta claudia photo	Essex: Point Pelee NP, West Beach S of Visitors Centre	01-Aug-11		R-Y
Euptoieta claudia seen & photographed by Kathryn Boothby	Norfolk: 14 km E Port Burwell, Fairground Rd. at North Rd.	17-Aug-11		JC
Euptoieta claudia photo	Metropolitan Toronto: High Park	09-Sep-11		R-Y
Euptoieta claudia seen by David Edwards & John Hall	Prince Edward: Sandbanks PP, Dunes Nature Trail	14-Sep-11		JC
Euptoieta claudia 300m N of rail line	Wellington: Puslinch Twp., 7th Concession N of Gore Rd.	24-Sep-11		WGL
Euptoieta claudia photo	Brant: Brantford, Waterworks Park	28-Sep-11		WGL
Euptoieta claudia one seen	Essex: Leamington, field behind Shoeless Joe's Restaurant	09-Oct-11		R-Y
Speyeria aphrodite LATE	Lanark: The Burnt Lands, Concession Rd. 12	06-Sep-11		PWH
Speyeria atlantis & Brandon Holden, Mark Jennings; seen daily in small numbers; always associated with spruce forest not coastal meadows	Cochrane: Netitishi Point	13-Aug-11	26-Aug-11	AW
Speyeria cybele one ovipositing female seen; 1st record for Hudson Bay Lowlands	Cochrane: Moose Factory	17-Aug-90		AW
Speyeria cybele & K. Overman; 2 worn males, photo; 2nd record for Hudson Bay Lowlands; poss. resident in lush disturbed habitats here	Cochrane: Moosonee, several mi S of, Quarry Rd.	28-Aug-11		AW
Speyeria cybele LATE, photo	Brant: Brantford, Waterworks Park	28-Sep-11		WGL
Boloria chariclea & Brandon Holden, Mark Jennings; seen almost daily in small numbers; always associated with spruce forest & clearings	Cochrane: Netitishi Point	13-Aug-11	26-Aug-11	AW
Limnitis arthemis & Brandon Holden, Mark Jennings; LATE; one worn individual seen for a week	Cochrane: Netitishi Point	13-Aug-11	19-Aug-11	AW
Limnitis arthemis LATE	Prescott-Russell: Larose Forest, Conc.10 N of Clarence Cambridge R	02-Sep-11		PWH
Limnitis arthemis astyanax 10 seen; unusual to find this ssp. in numbers in Toronto	Metropolitan Toronto: Centre Island	12-Aug-11		R-Y
Asterocampa celtis two seen, photo	Ottawa: Petrie Island, Bill Holland Trail	05-Jul-11		PWH
Asterocampa clyton one seen by Margaret Liubavicius	Metropolitan Toronto: Ward's Island, nr. entrance to Algonquin Island	04-Aug-11		R-Y
Asterocampa clyton breeding on ornamental Celtis occidentalis; up to 5 seen, photos; one worn & tattered on 19-Aug	Metropolitan Toronto: Toronto Islands	05-Aug-11	19-Aug-11	R-Y
Vanessa atalanta rubria 3 fresh seen, LATE	Metropolitan Toronto: Toronto Islands	02-Nov-11		R-Y
Vanessa virginiensis LATE; two fresh in flowerbeds, photo	Metropolitan Toronto: Toronto Islands	02-Nov-11		R-Y
Nymphalis antiopa & Brandon Holden, Mark Jennings; one or two seen	Cochrane: Netitishi Point	24-Aug-11	26-Aug-11	AW
Polygonia comma LATE, photo	Metropolitan Toronto: Centre Island	15-Nov-11		R-Y
Junonia coenia seen by Joanne Dewey; seen almost daily from mid-Aug to mid-Sep	Prince Edward: Sandbanks PP, West Lake Pannes	23-Jul-11	14-Sep-11	DB
Junonia coenia photo	Ottawa: Ashton Station, N end of Lowe Rd.	27-Jul-11		PWH
Junonia coenia 21 seen by Joanne Dewey	Prince Edward: Sandbanks PP, West Lake Bar	19-Aug-11		DB
Junonia coenia record high count for Toronto of 154 on 12-Sep; a singleton on 15-Nov is record LATE date for Toronto	Metropolitan Toronto: Toronto Islands, Hanlan's Point	30-Aug-11	15-Nov-11	R-Y
Junonia coenia also Max Larrivée; 6 seen	Ottawa: Dunrobin, Bill Mason Outdoor Centre	31-Aug-11		PWH
Junonia coenia seen by Bill Gilmour	Northumberland: Presqu'île PP, 83 Bayshore Dr.	10-Oct-11		DB
Phyciodes batesii 3 seen on first date, 2 seen on last date; photo	Ottawa: W of Bells Corners, Timm Dr. at Haanel Dr.	06-Jun-11	16-Jun-11	PWH
Phyciodes cocyta & Brandon Holden, Mark Jennings; a few seen, all worn	Cochrane: Netitishi Point	13-Aug-11	26-Aug-11	AW

Moths

THYRIDIDAE

Thyris maculata photo	Prince Edward: Carrying Place, 2140 Victoria Rd.	26-Jun-11	DB
Thyris maculata photo	HASTINGS: Vanderwater CA	08-Jul-11	DB

CRAMBIDAE

Chalcoela iphitalis photo	Prince Edward: Carrying Place, 2140 Victoria Rd.	20-Aug-11	DB
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PYRALIDAE

Galleria mellonella photo	Prince Edward: Carrying Place, 2140 Victoria Rd.	03-Sep-11	DB
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SESIIDAE

Albuna fraxini photo; on virginia creeper in clearing	PRINCE EDWARD: Carrying Place, 2140 Victoria Rd.	24-Jul-11	DB
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COSSIDAE

Zeuzera pyrina NEW TO CANADA; ex larva, leg. C. Brisco; Det. by J.-F. Landry; specimen in CNC	NIAGARA: Fenwick, Victoria Ave.	23-Aug-01	JDL
Zeuzera pyrina 2nd record for Canada & Ontario; 3 seen at black light, photo; northern range extension	PRINCE EDWARD: Carrying Place, 2140 Victoria Rd.	07-Jul-11	DB

SPHINGIDAE

Aellopos titan leg. Jeff Larson nectaring on Buddleia in garden	Essex: Harrow	24-Sep-11	JC
Eumorpha pandorus photo	Prince Edward: Carrying Place, 2140 Victoria Rd.	27-Jul-11	DB
Eumorpha pandorus seen & photographed by Gail Beauregard; 5th instar larvae on Parthenococcus	Frontenac: Kingston	01-Aug-11	WO
Deidamia inscriptum photo	Northumberland: Presqu'île PP	22-May-11	DB
Deidamia inscriptum photo	PRINCE EDWARD: Carrying Place, 2140 Victoria Rd.	07-Jun-11	DB
Hyles gallii larva, photo	Brant: Brantford, Waterworks Park	28-Sep-11	WGL

NOCTUIDAE

Colobochyla interpuncta photo	Prince Edward: Carrying Place, 2140 Victoria Rd.	27-Jul-11	DB
Ascalapha odorata via Bill Hessin; fairly LATE; nr. fresh, seen & photographed by a neighbor of Hessin	Northumberland: Baltimore	29-Sep-11	MAQ
Scoliopteryx libatrix indoors; adult flushed off box of christmas decorations in basement	Middlesex: Ailsa Craig	01-Dec-11	R-M
Zale unilineata photo	PRINCE EDWARD: Carrying Place, 2140 Victoria Rd.	07-Jun-11	DB
Catocala nebulosa seen & photographed by Maurice Bottos	Essex: LaSalle, Burnet Park	13-Aug-09	WO

EREBIDAE

Clemensia albata photo	PRINCE EDWARD: Carrying Place, 2140 Victoria Rd.	07-Jun-11	DB
Hypercompe scribonia photo	Frontenac: Bedford Twp., Canoe Lake Rd.	18-Jun-11	DB

QUEBEC

An Aellopos sp. with two distinct white bands on the forewing was videotaped nectaring in a rural garden at Farnham, southeast of Montreal, in late September and posted on YouTube. Jean-François Landry collected the first Quebec record of Catocala minuta in Aylmer in July.

Butterflies

HESPERIIDAE

Amblyscirtes hegon seen by Rick Cavasin	Outaouais: Gatineau Pk., Champlain Lookout trails	03-Jun-11	RAL
Ancyloxypha numitor LATE; two seen	Outaouais: Gatineau Pk., Champlain Lookout trail	09-Sep-11	PWH
Hesperia leonardus	Outaouais: Gatineau Pk., Lac Lusk trail	03-Sep-11	PWH
Polites origenes seen by Rick Cavasin	Outaouais: Luskville Falls	05-Jul-11	RAL
Polites origenes	Outaouais: Luskville Falls	07-Jul-11	PWH
Anatrytone logan 4 seen, photo	Outaouais: Luskville Falls	07-Jul-11	PWH

Anatrytone logan one worn seen by Rick Cavasin	Outaouais: Luskville Falls	27-Jul-11		RAL
Euphyes dion 2 seen by Rick Cavasin	Outaouais: Gatineau Pk., Ridge Rd. & McCloskey's Field	24-Jul-11		RAL
PIERIDAE				
Euchloe olympia over 10 seen by Rick Cavasin	Outaouais: Gatineau Pk., Luskville Falls trail	12-May-11		RAL
LYCAENIDAE				
Lycaena epixanthe with Mark Walker; common	Québec: Parc des Laurentides, Route 175, open bog at Km159	18-Jul-11		AG
Satyrrium caryaevorum	Outaouais: Gatineau Pk., Champlain Lookout trail	20-Jul-11		PWH
Satyrrium titus LATE; one very worn seen by Christine Hanrahan	Outaouais: Luskville Falls, end of Ch. De L'Hotel de Ville	18-Aug-11		RAL
Callophrys gryneus LATE; one seen by Rick Cavasin & Max Larrivée	Outaouais: Eardley ridge	16-Jun-11		RAL
Callophrys henrici open area; seen by Peter Hall, Rick Cavasin, Max Larrivée et al.	Outaouais: 1.4 km W of Kazabazua bike trail	26-May-11		RAL
Callophrys niphon clarki LATE; one seen by Rick Cavasin & Max Larrivée	Outaouais: Eardley ridge	16-Jun-11		RAL
Strymon melinus seen by Rick Cavasin, photo	Outaouais: 1.4 km W of Kazabazua bike trail	06-Jun-11		RAL
Erora laeta 3 seen by Peter Hall, Max Larrivée, Rick Cavasin et al., photo	Outaouais: 6 km E of Low, Lac St-Charles Rd.	26-May-11		RAL
Cupido comyntas also Rick Cavasin & Jeremy Newman; 5 seen	Laurentides-Lanaud.: Rang Lepage, 5 km E of Lepage	23-Aug-11		PWH
Cupido comyntas also Rick Cavasin & Jeremy Newman; 4 seen	Laurentides-Lanaud.: Hwy. 50 at Rang St-Rémi	23-Aug-11		PWH
Cupido comyntas also Rick Cavasin & Jeremy Newman; 2 seen	Laurentides-Lanaud.: Rue Victor E of St-Janvier	23-Aug-11		PWH
Cupido comyntas also Rick Cavasin & Jeremy Newman; 2 seen	Laurentides-Lanaud.: Hwy. 50 at Blvd. Curé-Labelle	23-Aug-11		PWH
Celastrina neglecta LATE	Outaouais: Gatineau Pk., Champlain Lookout trail	09-Sep-11		PWH
Plebejus idas with Mark Walker	Québec: Parc des Laurentides, Route 175, bog at Km147	18-Jul-11		AG
Plebejus saepiolus with Mark Walker; common in open fields, fresh males & females	Québec: Parc des Laurentides, Route 175, Km147 & Km167	18-Jul-11		AG
Polyommatus icarus 13 seen by Jeremy Newman in small alfalfa field	Laurentides-Lanaud.: Hwy. 158 & Rte. Arthur-Sauvé	21-Aug-11		RAL
Polyommatus icarus 9 seen by Jeremy Newman in municipal park	Laurentides-Lanaud.: north St-Jérôme, Parc Richer	21-Aug-11		RAL
Polyommatus icarus 75 seen by Jeremy Newman in empty lots in new subdivision	Laurentides-Lanaud.: Bellefeuille, Rue Reynald	21-Aug-11		RAL
Polyommatus icarus also Jeremy Newman & Rick Cavasin; 12 seen, photo	Laurentides-Lanaud.: Hwy. 50 at Rang St-Rémi	23-Aug-11		PWH
Polyommatus icarus also Jeremy Newman & Rick Cavasin; 12 seen	Laurentides-Lanaud.: Rang Lepage, 5 km E of Lepage	23-Aug-11		PWH
Polyommatus icarus also Jeremy Newman & Rick Cavasin; 28 seen	Laurentides-Lanaud.: Rue Victor E of St-Janvier	23-Aug-11		PWH
Polyommatus icarus also Jeremy Newman & Rick Cavasin; 15 seen, photo	Laurentides-Lanaud.: Hwy. 50 at Blvd. Curé-Labelle	23-Aug-11		PWH
Polyommatus icarus also Jeremy Newman & Rick Cavasin; 9 seen, photo	Laurentides-Lanaud.: Hwy. 50 at Rte. Arthur-Sauvé	23-Aug-11		PWH
Polyommatus icarus 10 seen by Tom Hanrahan & Bruce Ripley; jct of Ch. St-Simon & Rang St-Rémi; photo	Laurentides-Lanaud.: 2.2 km NW of St-Scholastique	01-Sep-11		RAL
NYMPHALIDAE				
Lethe appalachia seen by Rick Cavasin, photo	Outaouais: Luskville Falls, Equestrian Trail & fields	27-Jul-11		RAL
Speyeria cybele LATE	Outaouais: Gatineau Pk., Champlain Lookout trail	09-Sep-11		PWH
Boloria chariclea grandis with Mark Walker; several fresh males in and near bog	Québec: Parc des Laurentides, Route 175, bog at Km147	18-Jul-11		AG
Boloria eunomia dawsoni & members of Ottawa Butterfly Observers Group; over 35 seen in Monty's Bog	Outaouais: Lac Gingras, 5km NW St-François-de-Masham	14-Jun-11		PWH
Boloria eunomia dawsoni 15 seen on each date by Rick Cavasin et al.; Monty's Bog	Outaouais: Lac Gingras, 5km NW St-François-de-Masham	16-Jun-11	18-Jun-11	RAL
Polygonia faunus two seen by Rick Cavasin	Outaouais: Gatineau Pk., Luskville Falls trail	12-May-11		RAL

Polygonia faunus et al.; 3 seen; also one seen by Rick Cavasin on 6-Jun	Outaouais: 6 km E of Low, Lac St-Charles Rd.	26-May-11	PWH
Polygonia satyrus seen by Rick Cavasin	Outaouais: Gatineau Pk., McCloskey's Field & vicinity	12-May-11	RAL
Phyciodes tharos seen by Rick Cavasin	Outaouais: 3 km NW of Luskville, Pilon Rd.	30-May-11	RAL
Phyciodes tharos seen by Diane Lepage	Outaouais: Chelsea, end of Rue Fleury	24-Jul-11	RAL

Moths

SPHINGIDAE

Aellopos sp probably A. titan, poss. A. fadus; 3 min. video http://www.youtube.com/watch?v=4aa0oh9PVgk ; nectaring on lantana & phlox	Montréal: Farnham	29-Sep-11	JC
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NOCTUIDAE

Catocala minuta NEW TO QUEBEC; 1 female at mercury light	GATINEAU: Aylmer sector	13-Jul-11	JFL
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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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DBM : Dave & Bonnie MacLean
SJP : Stephen J. Parshall
PR : Paul Rumpsa
SAS : Scott & Ann Swengel
JWJ : John Weber, Jr

SCB : Steven C. Bransky
LDG : Loran D. Gibson
TJ : Thomas A. Jantscher
RK : Robert Kriegel
PWM : Paul W. Martsching
JP5 : John Peacock
ASB : Allison Snopek-Barta
WTJ : William H. Taft, Jr.

General Comments:

Reports of general conditions were received for Iowa, Minnesota, Michigan and Wisconsin. The season got off to a late start, but hot weather caused the phenology to catch up by mid-summer. Near drought conditions were reported in NE Minnesota and many wetlands in Upper Michigan remained unusually dry throughout the season. Migrant butterflies had a mixed year, with *Hylephila phyleus*, *Junonia coenia*, and *Euptoieta claudia* becoming widespread northward at least into central Wisconsin. *Pyrisitia lisa* and *Nathalis iole* were not seen as far northward as in 2010, extending only into central Iowa and Illinois, where *Phoebis sennae* was also reported. *Pontia occidentalis* appeared in numbers northeastern Minnesota. *Vanessa atalanta* and *virginiensis* were scarcely seen, in contrast to the large numbers found in 2010. Several stray and migrant moth species were noted northward, with records of *Erynnis obscura* and *Xylophanes tersa* in Iowa and *Mocis texana* in Wisconsin in August. Conditions were favorable for northward moth dispersal in late September-early October, with *Mocis latipes* and *Heliothis virescens* straying to Keweenaw County Michigan, *Ascalapha odorata* to Kentucky, *Thysania zenobia* to Minnesota and *Aellopos titan* to Wisconsin.

ILLINOIS

Butterflies

HESPERIIDAE

<i>Epargyreus clarus</i>	Iroquois: 4 miles northeast of Beaverville	17-Jun-11	MLL
<i>Thorybes bathyllus</i>	Iroquois: 4 miles northeast of Beaverville	10-Jul-11	MLL
<i>Thorybes pylades</i>	Union: 3 miles west of Cobden	19-Jun-11	MLL
<i>Thorybes pylades</i>	Iroquois: 4 miles northeast of Beaverville	25-Jun-11	MLL
<i>Pholisora catullus</i>	Iroquois: 4 miles northeast of Beaverville	17-Jun-11	MLL
<i>Pholisora catullus</i>	Carroll: 3 miles east of Arnold	15-Jul-11	MLL
<i>Erynnis baptisiae</i>	Grundy: prairie just east of Heidecke Lake	03-Jul-11	MLL
<i>Erynnis horatius</i>	Union: 3 miles west of Cobden	18-Jun-11	MLL
<i>Erynnis horatius</i>	Iroquois: 4 miles northeast of Beaverville	10-Jul-11	MLL
<i>Erynnis horatius</i>	Grundy: prairie just east of Heidecke Lake	16-Jul-11	MLL
<i>Erynnis persius</i>	Iroquois: 4 miles northeast of Beaverville	02-Jul-11	MLL
<i>Pyrgus communis</i> Uncommon in northern IL	Jo Daviess: 1 mile north of Blackhawk	04-Jul-11	MLL
<i>Pyrgus communis</i> Uncommon in northern IL	Iroquois: 4 miles northeast of Beaverville	11-Sep-11	MLL
<i>Ancyloxypha numitor</i>	Grundy: prairie just east of Heidecke Lake	16-Jul-11	MLL

Hylephila phyleus	Union: 3 miles west of Cobden	19-Jun-11	MLL
Atalopedes campestris	Will: 3 miles south of Channahon	24-Sep-11	MLL
Rarely seen in northern IL			
Polites origenes	Iroquois: 4 miles northeast of Beaverville	17-Jun-11	MLL
Polites origenes	Union: 3 miles west of Cobden	18-Jun-11	MLL
Polites peckius	Will: 3 miles south of Channahon	12-Jun-10	MLL
Polites peckius	Kankakee: 6 miles northeast of Beaverville	17-Jun-11	MLL
Polites peckius	Cook: Evanston	01-Sep-11	SJP
Polites themistocles	Will: 3 miles south of Channahon	04-Jun-10	MLL
Polites themistocles	Union: 3 miles west of Cobden	19-Jun-11	MLL
Wallengrenia egeremet	Carroll: 3 miles east of Arnold	15-Jul-11	MLL
Anatrytone logan	Iroquois: 4 miles northeast of Beaverville	17-Jun-11	MLL
Anatrytone logan	Grundy: prarie just east of Heidecke Lake	03-Jul-11	MLL
Anatrytone logan	Lee: 8 miles southwest of Amboy	05-Jul-11	MLL
Problema byssus	Union: 3 miles west of Cobden	18-Jun-11	MLL
Poanes massasoit	Iroquois: 4 miles northeast of Beaverville	25-Jun-11	MLL
Poanes massasoit	Grundy: prarie just east of Heidecke Lake	03-Jul-11	MLL
Poanes viator	Grundy: prarie just east of Heidecke Lake	16-Jul-11	MLL
Euphyes bimacula	Iroquois: 4 miles northeast of Beaverville	26-Jun-11	MLL
Euphyes bimacula	Grundy: prarie just east of Heidecke Lake	03-Jul-11	MLL
Euphyes conspicua	Iroquois: 4 miles northeast of Beaverville	26-Jun-11	MLL
Euphyes conspicua	Grundy: prarie just east of Heidecke Lake	03-Jul-11	MLL
Euphyes dion	Grundy: prarie just east of Heidecke Lake	03-Jul-11	MLL
Euphyes vestris	Union: 3 miles west of Cobden	18-Jun-11	MLL
Euphyes vestris	Grundy: prarie just east of Heidecke Lake	16-Jul-11	MLL
PAPILIONIDAE			
Eurytides marcellus	Union: 3 miles west of Cobden	18-Jun-11	MLL
Battus philenor	Union: 3 miles west of Cobden	18-Jun-11	MLL
Papilio glaucus	Iroquois: 4 miles northeast of Beaverville	17-Jun-11	MLL
Papilio glaucus	Union: 3 miles west of Cobden	18-Jun-11	MLL
Papilio glaucus	Cook: Evanston	02-Jul-11	SJP
Papilio glaucus	Carroll: 3 miles east of Arnold	15-Jul-11	MLL
Papilio polyxenes	Grundy: prarie just east of Heidecke Lake	23-Jul-11	MLL
Papilio troilus	Iroquois: 4 miles northeast of Beaverville	17-Jun-11	MLL
Papilio troilus	Union: 3 miles west of Cobden	18-Jun-11	MLL
PIERIDAE			
Pontia protodice	Union: 3 miles west of Cobden	18-Jun-11	MLL
Pieris rapae	Jo Daviess: 1 mile north of Blackhawk	04-Jul-11	MLL
Colias eurytheme	Union: 3 miles west of Cobden	18-Jun-11	MLL
Colias eurytheme	Jo Daviess: 1 mile north of Blackhawk	04-Jul-11	MLL
Colias eurytheme	Carroll: 3 miles east of Arnold	15-Jul-11	MLL
Phoebis sennae	Iroquois: 4 miles northeast of Beaverville	11-Sep-11	MLL
Pyrisitia lisa	Grundy: prarie just east of Heidecke Lake	16-Jul-11	MLL
LYCAENIDAE			
Lycaena hyllus	Grundy: prarie just east of Heidecke Lake	23-Jul-11	MLL
Lycaena phlaeas	Lee: 8 miles southwest of Amboy	05-Jul-11	MLL
Satyrrium calanus	Iroquois: 4 miles northeast of Beaverville	25-Jun-11	MLL
Satyrrium calanus	Jo Daviess: 1 mile north of Blackhawk	04-Jul-11	MLL
Satyrrium edwardsii	Carroll: 3 miles east of Arnold	04-Jul-11	MLL
Satyrrium titus	Iroquois: 4 miles northeast of Beaverville	25-Jun-11	MLL
Callophrys polios	Lake: dunes north of Dead River	06-May-11	MLL
Abundant			
Strymon melinus	Grundy: prarie just east of Heidecke Lake	03-Jul-11	MLL
Cupido comyntas	Union: 3 miles west of Cobden	19-Jun-11	MLL
Cupido comyntas	Jo Daviess: 1 mile north of Blackhawk	04-Jul-11	MLL
Cupido comyntas	Ogle: 4 miles south of Oregon	05-Jul-11	MLL
Celastrina ladon	Cook: Evanston	11-Aug-11	SJP
Celastrina neglecta	Iroquois: 4 miles northeast of Beaverville	17-Jun-11	MLL
Celastrina neglecta	Carroll: 3 miles east of Arnold	15-Jul-11	MLL
NYMPHALIDAE			
Libytheana carinenta	Union: 4 miles northwest of Ware	19-Jun-11	MLL
Libytheana carinenta	Iroquois: 4 miles northeast of Beaverville	26-Jun-11	MLL
Libytheana carinenta	Carroll: 3 miles east of Arnold	15-Jul-11	MLL
Libytheana carinenta	Grundy: prarie just east of Heidecke Lake	23-Jul-11	MLL
Danaus plexippus	Grundy: prarie just east of Heidecke Lake	03-Jul-11	MLL
Danaus plexippus	Carroll: 3 miles east of Arnold	15-Jul-11	MLL

Danaus plexippus	Cook: Evanston	12-Aug-11	SJP
Anaea andria	Saline: Garden of the Gods	21-Oct-11	KEJ
Lethe anthedon	Carroll: 3 miles east of Arnold	04-Jul-11	MLL
Lethe anthedon	Grundy: prairie just east of Heidecke Lake	16-Jul-11	MLL
Lethe appalachia	Iroquois: 4 miles northeast of Beaverville	26-Jun-11	MLL
Lethe eurydice	Iroquois: 4 miles northeast of Beaverville	25-Jun-11	MLL
Cercyonis pegala	Jo Daviess: 1 mile north of Blackhawk	04-Jul-11	MLL
Cercyonis pegala	Lee: 8 miles southwest of Amboy	05-Jul-11	MLL
Cyllopsis gemma	Saline: Garden of the Gods	22-Oct-11	KEJ
Megisto cymela	Iroquois: 4 miles northeast of Beaverville	17-Jun-11	MLL
Megisto cymela	Union: 3 miles west of Cobden	18-Jun-11	MLL
Megisto cymela	Jo Daviess: 1 mile north of Blackhawk	04-Jul-11	MLL
Euptoieta claudia	Carroll: 3 miles east of Arnold	15-Jul-11	MLL
Euptoieta claudia	Iroquois: 4 miles northeast of Beaverville	11-Sep-11	MLL
Speyeria aphrodite	Iroquois: 4 miles northeast of Beaverville	25-Jun-11	MLL
Speyeria aphrodite	Lee: 8 miles southwest of Amboy	05-Jul-11	MLL
Speyeria aphrodite	Grundy: prairie just east of Heidecke Lake	16-Jul-11	MLL
Speyeria cybele	Iroquois: 4 miles northeast of Beaverville	17-Jun-11	MLL
Speyeria cybele	Union: 3 miles west of Cobden	18-Jun-11	MLL
Speyeria cybele	Jo Daviess: 1 mile north of Blackhawk	04-Jul-11	MLL
Speyeria cybele	Carroll: 3 miles east of Arnold	04-Jul-11	MLL
Speyeria cybele	Ogle: 4 miles south of Oregon	05-Jul-11	MLL
Speyeria idalia	Iroquois: 4 miles northeast of Beaverville	17-Jun-11	MLL
Modest numbers			
Speyeria idalia	Grundy: prairie just east of Heidecke Lake	03-Jul-11	MLL
Low numbers			
Speyeria idalia	Lee: 8 miles southwest of Amboy	05-Jul-11	MLL
Boloria selene	Grundy: prairie just east of Heidecke Lake	16-Jul-11	MLL
Boloria selene	Iroquois: 4 miles northeast of Beaverville	11-Sep-11	MLL
Boloria bellona	Kankakee: 6 miles northeast of Beaverville	17-Jun-11	MLL
Boloria bellona	Carroll: 3 miles east of Arnold	15-Jul-11	MLL
Limenitis archippus	Iroquois: 4 miles northeast of Beaverville	17-Jun-11	MLL
Limenitis archippus	Carroll: 3 miles east of Arnold	04-Jul-11	MLL
Limenitis arthemis	Union: 3 miles west of Cobden	19-Jun-11	MLL
Limenitis arthemis	Carroll: 3 miles east of Arnold	15-Jul-11	MLL
Asterocampa celtis	Union: 4 miles northwest of Ware	19-Jun-11	MLL
Asterocampa celtis	Carroll: 3 miles east of Arnold	04-Jul-11	MLL
Asterocampa celtis	Ogle: 4 miles south of Oregon	05-Jul-11	MLL
Asterocampa clyton	Union: 3 miles west of Cobden	18-Jun-11	MLL
Asterocampa clyton	Iroquois: 4 miles northeast of Beaverville	26-Jun-11	MLL
Asterocampa clyton	Carroll: 3 miles east of Arnold	04-Jul-11	MLL
Asterocampa clyton	Ogle: 4 miles south of Oregon	05-Jul-11	MLL
Vanessa atalanta	Union: 3 miles west of Cobden	18-Jun-11	MLL
Vanessa atalanta	Iroquois: 4 miles northeast of Beaverville	25-Jun-11	MLL
Vanessa atalanta	Carroll: 3 miles east of Arnold	15-Jul-11	MLL
Nymphalis antiopa	Iroquois: 4 miles northeast of Beaverville	25-Jun-11	MLL
Nymphalis antiopa	Carroll: 3 miles east of Arnold	15-Jul-11	MLL
Polygonia comma	Iroquois: 4 miles northeast of Beaverville	17-Jun-11	MLL
Polygonia comma	Carroll: 3 miles east of Arnold	15-Jul-11	MLL
Polygonia interrogationis	Union: 3 miles west of Cobden	19-Jun-11	MLL
Polygonia interrogationis	Carroll: 3 miles east of Arnold	04-Jul-11	MLL
Polygonia progne	Iroquois: 4 miles northeast of Beaverville	17-Jun-11	MLL
Polygonia progne	Carroll: 3 miles east of Arnold	21-Aug-11	MLL
Junonia coenia	Iroquois: 4 miles northeast of Beaverville	17-Jun-11	MLL
Junonia coenia	Grundy: prairie just east of Heidecke Lake	03-Jul-11	MLL
Junonia coenia	Lee: 8 miles southwest of Amboy	05-Jul-11	MLL
Junonia coenia	Cook: Evanston	11-Jul-11	SJP
Chlosyne nycteis	Union: 4 miles northwest of Ware	19-Jun-11	MLL
Phyciodes tharos	Iroquois: 4 miles northeast of Beaverville	17-Jun-11	MLL
Phyciodes tharos	Union: 3 miles west of Cobden	18-Jun-11	MLL
Phyciodes tharos	Grundy: prairie just east of Heidecke Lake	03-Jul-11	MLL
Phyciodes tharos	Jo Daviess: 1 mile north of Blackhawk	04-Jul-11	MLL
Phyciodes tharos	Lee: 8 miles southwest of Amboy	05-Jul-11	MLL

Moths

GRAMBIDAE

Nomophila nearctica	Cook: Evanston	17-Jun-11	SJP
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GEOMETRIDAE

Patalene olyzonaria	Saline: Garden of the Gods	21-Oct-11	22-Oct-11	KEJ
Orthonama obstipata	Cook: Evanston & Chicago	19-Jul-11	20-Aug-11	SJP

SPHINGIDAE

Pachysphinx modesta	Cook: Chicago	01-Aug-11		SJP
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NOCTUIDAE

Idia lubricalis	Cook: Evanston	09-Jul-11		SJP
Hypena scabra	Cook: Chicago	01-Aug-11		SJP
Caenurgina erechtea	Cook: Evanston	12-Jul-11		SJP
Acronicta interrupta	Cook: Evanston	04-Jun-11		SJP
Psychomorpha epimenis	Cook: 2 miles north of Lemont	30-Apr-11		MLL
Galgula partita	Cook: Evanston	07-Jul-11	11-Aug-11	SJP
Hyppa xylinoides	Cook: Evanston	28-Aug-11		SJP
Papaipema marginidens	Saline: Garden of the Gods	21-Oct-11		KEJ
Lithophane antennata	Saline: Garden of the Gods	21-Oct-11	22-Oct-11	KEJ
Lithophane bethunei	Saline: Garden of the Gods	22-Oct-11		KEJ
Lithophane disposita	Saline: Garden of the Gods	22-Oct-11		KEJ
Lithophane signosa	Saline: Garden of the Gods	21-Oct-11		KEJ
Sericaglaea signata	Saline: Garden of the Gods	21-Oct-11	22-Oct-11	KEJ
Xystocheilus rufago	Saline: Garden of the Gods	21-Oct-11		KEJ
Metaxaglaea viatica	Saline: Garden of the Gods	21-Oct-11	22-Oct-11	KEJ
Epiglaea decliva	Saline: Garden of the Gods	21-Oct-11	22-Oct-11	KEJ
Agrotis ipsilon	Cook: Evanston	23-Aug-11		SJP
Noctua pronuba	Cook: Evanston	29-Jul-11		SJP

EREBIDAE

Hyphantria cunea	Cook: Evanston	06-Jun-11		SJP
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INDIANA**Moths****GEOMETRIDAE**

Phigalia strigataria	Lake: Lake Station	17-Mar-11		KEJ
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NOCTUIDAE

Psaphida rolandi	Lake: Lake Station	17-Mar-11		KEJ
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IOWA

Jantscher noted that the season warmed up slowly, but conditions were about average for the rest of the year. It was a below average year for migrant species, with notably fewer sightings of *Pyrisitia lisa*, *Nathalis iole*, *Libytheana carinenta* and *Vanessa cardui*. However, *Phoebis sennae* numbers were up. *Danaus plexippus* numbers appeared very healthy. *Callosamia promethea* cocoons were found in 15 eastern Iowa counties. Sphingidae highlights include *Erinnyis obscura* in mid-August. Additional site records were documented for *Xylophanes tersa* and *Lintneria eremitus*. *Eumorpha pandorus* and *Manduca sexta* were found in October. *Amphion floridensis* seemed to be present in larger numbers than usual. Records from Cedar Hills Sand Prairie Preserve resulted from Lepidoptera surveys conducted for the Iowa Chapter of the Nature Conservancy.

Butterflies**HESPERIIDAE**

Pholisora catullus	Linn: Indian Creek Nature Center	30-May-11	07-Aug-11	TJ
Erynnis juvenalis	Lee: Shimek State Forest, Donnellson Unit	08-May-11		TJ
Pyrgus communis	Black Hawk: Cedar Hills Sand Prairie Preserve	09-Jul-11	23-Oct-11	TJ
Thymelicus lineola	Linn: Rock Island Preserve	19-Jun-11	26-Jun-11	TJ
Hylephila phyleus	Black Hawk: Cedar Hills Sand Prairie Preserve	04-Sep-11	02-Oct-11	TJ
Atalopedes campestris	Black Hawk: Cedar Hills Sand Prairie Preserve	14-Aug-11	02-Oct-11	TJ
Polites mystic	Black Hawk: Cedar Hills Sand Prairie Preserve	18-Jun-11		TJ
Polites peckius	Black Hawk: Cedar Hills Sand Prairie Preserve	29-May-11	11-Sep-11	TJ
Pompeius verna	Linn: Rock Island Preserve	19-Jun-11	26-Jun-11	TJ
Poanes hobomok	Linn: Morgan Creek County Park	30-May-11		TJ
Poanes viator	Black Hawk: Cedar Hills Sand Prairie Preserve	09-Jul-11		TJ
Euphyes conspicua	Black Hawk: Cedar Hills Sand Prairie Preserve	09-Jul-11		TJ
Euphyes conspicua	Linn: Wickiup Hill Outdoor Learning Center	10-Jul-11		TJ
Euphyes dion	Black Hawk: Cedar Hills Sand Prairie Preserve	09-Jul-11	31-Jul-11	TJ
Euphyes dion	Linn: Wickiup Hill Outdoor Learning Center	10-Jul-11		TJ

PIERIDAE

Pontia protodice	Black Hawk: Cedar Hills Sand Prairie Preserve	14-Aug-11		TJ
Zerene cesonia	Johnson: F.W. Kent Park, Conservation Center Trail	30-Jul-11		TJ
Phoebis sennae	Linn: Wickiup Hill Outdoor Learning Center	24-Jul-11	06-Aug-11	TJ
Phoebis sennae	Linn: Indian Creek Nature Center	07-Aug-11		TJ
Pyrisitia lisa	Linn: Indian Creek Nature Center	07-Aug-11		TJ

Nathalis iole	Black Hawk: Cedar Hills Sand Prairie Preserve	02-Oct-11		TJ
LYCAENIDAE				
Lycaena dione	Linn: Wickiup Hill Outdoor Learning Center	26-Jun-11	10-Jul-11	TJ
Lycaena hyllus	Linn: Wickiup Hill Outdoor Learning Center	19-Jun-11	28-Aug-11	TJ
Lycaena phlaeas	Black Hawk: Cedar Hills Sand Prairie Preserve	27-May-11	23-Oct-11	TJ
Satyrrium acadica	Howard: Hayden Prairie	15-Jul-11		TJ
Two individuals				
Satyrrium calanus	Linn: Wickiup Hill Outdoor Learning Center	10-Jul-11		TJ
One individual nectaring at common milkweed				
Satyrrium titus	Howard: Hayden Prairie	15-Jul-11		TJ
Three individuals				
Callophrys henrici	Lee: Shimek State Forest, Donnellson Unit	08-May-11		TJ
One individual nectaring on cherry blossom				
Strymon melinus	Lee: Wilson Lake Prairie, Wilson Lake Park	08-May-11		TJ
One individual				
NYMPHALIDAE				
Libytheana carinenta bachmanii	Black Hawk: Cedar Hills Sand Prairie Preserve	02-Oct-11		TJ
One individual nectaring				
Danaus plexippus	Black Hawk: Cedar Hills Sand Prairie Preserve	18-Jun-11	02-Oct-11	TJ
Cercyonis pegala	Black Hawk: Cedar Hills Sand Prairie Preserve	09-Jul-11	04-Sep-11	TJ
Euptoieta claudia	Black Hawk: Cedar Hills Sand Prairie Preserve	31-Jul-11	23-Oct-11	TJ
Speyeria cybele	Black Hawk: Cedar Hills Sand Prairie Preserve	18-Jun-11	11-Sep-11	TJ
Boloria selene	Black Hawk: Cedar Hills Sand Prairie Preserve	14-Aug-11	11-Sep-11	TJ
Boloria bellona	Black Hawk: Cedar Hills Sand Prairie Preserve	07-May-11	02-Oct-11	TJ
Vanessa virginiensis	Black Hawk: Cedar Hills Sand Prairie Preserve	08-May-11	18-Jun-11	TJ
Aglais milberti	Linn: Roadside NB ramp fr Wright Bros Blvd to I-380	30-Sep-11		TJ
One individual nectaring at aster				
Polygonia progne	Johnson: F.W. Kent Park, Conservation Center Trail	30-Jul-11		TJ
Four individuals				
Moths				
GEOMETRIDAE				
Sicya macularia	Storey: Ames	24-Jun-11		PWM
Nemoria bistrigaria	Storey: Ames	18-Jul-11		PWM
Stamnodes gibbicostata	Storey: Ames	25-Sep-11		PWM
SATURNIIDAE				
Eacles imperialis	Linn: Commercial property	22-Jul-11		TJ
Sphingicampa bicolor	Linn: Wickiup Hill Outdoor Learning Center	22-May-11		TJ
Antheraea polyphemus	Muscataine: Cedar Bluffs Recreation Area	02-Jun-11		TJ
Callosamia promethea	BUCHANAN: Crumbacher Wildlife Area	06-Jun-11		TJ
Callosamia promethea	BENTON: Pleasant Creek State Park	24-Jun-11		TJ
Callosamia promethea	BLACK HAWK: Edgerton Preserve	26-Jun-11		TJ
Callosamia promethea	JACKSON: Pine Valley Nature	27-Jun-11		TJ
Callosamia promethea	TAMA: Roadside along 350th St.	28-Jun-11		TJ
Callosamia promethea	CLINTON: Lost Nation Wildlife Area	01-Jul-11		TJ
Callosamia promethea	MUSCATINE: Cedar Bluffs Recreation Area	06-Jul-11		TJ
SPHINGIDAE				
Manduca quinquemaculatus	Linn: Hitaga Sand Ridge Prairie Preserve	02-Sep-11	09-Sep-11	TJ
Nectaring at bouncing bet				
Manduca sexta	Linn: Rock Island Preserve	12-Jul-11	27-Aug-11	TJ
Nectaring at bouncing bet				
Manduca sexta	Linn: Hitaga Sand Ridge Prairie Preserve	29-Jul-11	09-Sep-11	TJ
Nectaring at bouncing bet				
Manduca sexta	Linn: Cedar Rapids, Noelridge Park	04-Sep-11	04-Oct-11	TJ
Nectaring at petunia				
Sphinx kalmiae	Linn: Rock Island Preserve	14-Jul-11	19-Jul-11	TJ
Nectaring at bouncing bet				
Sphinx kalmiae	Linn: Hitaga Sand Ridge Prairie Preserve	29-Jul-11	26-Aug-11	TJ
Nectaring at bouncing bet				
Lintneria eremitus	Linn: Rock Island Preserve	28-Jun-11	27-Aug-11	TJ
Nectaring at bouncing bet				
Lintneria eremitus	Linn: Hitaga Sand Ridge Prairie Preserve	09-Sep-11		TJ
One individual nectaring at bouncing bet				
Paonias myops	Linn: Rock Island Preserve	30-May-11	24-Jul-11	TJ
Pachysphinx modesta	Linn: Xavier High School	19-Jul-11		TJ
Erinnyis obscura	LINN: Hitaga Sand Ridge Prairie Preserve	14-Aug-11		TJ
One individual nectaring at bouncing bet, male				
Hemaris thysbe	Black Hawk: Cedar Hills Sand Prairie Preserve	09-Jul-11	14-Aug-11	TJ

Eumorpha pandorus Nectaring at bouncing bet	Linn: Rock Island Preserve	08-Jul-11	30-Jul-11	TJ
Eumorpha pandorus Nectaring at bouncing bet	Linn: Hitaga Sand Ridge Prairie Preserve	29-Jul-11	05-Oct-11	TJ
Eumorpha pandorus One individual nectaring at petunia, female	Linn: Cedar Rapids, Noelridge Park	28-Sep-11		TJ
Amphion floridensis	Linn: Wickiup Hill Outdoor Learning Center	12-Jun-11		TJ
Amphion floridensis	BLACK HAWK: Cedar Hills Sand Prairie Preserve	18-Jun-11	09-Jul-11	TJ
Amphion floridensis	Linn: Rock Island Preserve	25-Jun-11	30-Jun-11	TJ
Darapsa myron	Linn: Rock Island Preserve	17-Jun-11	27-Jul-11	TJ
Xylophanes tersa Nectaring at bouncing bet	Linn: Hitaga Sand Ridge Prairie Preserve	29-Jul-11	09-Sep-11	TJ
Xylophanes tersa	Linn: Cedar Rapids, Noelridge Park	04-Sep-11		TJ
Hyles lineata Nectaring at bouncing bet	Linn: Rock Island Preserve	30-Jun-11	27-Aug-11	TJ
Hyles lineata Nectaring at bouncing bet	Linn: Hitaga Sand Ridge Prairie Preserve	29-Jul-11	08-Oct-11	TJ
Hyles lineata Nectaring at petunia, others	Linn: Cedar Rapids, Noelridge Park	04-Sep-11	16-Oct-11	TJ
NOTODONTIDAE				
Peridea angulosa	Storey: Ames	22-Aug-11		PWM
NOCTUIDAE				
Catocala piatrix	Linn: Squaw Creek Park	19-Aug-11		TJ
Psychomorpha epimenis	Black Hawk: Cedar Hills Sand Prairie Preserve	07-May-11		TJ
Enargia decolor	Storey: Ames	12-Sep-11		PWM
Tricholita notata	Storey: Ames	25-Aug-11		PWM

KENTUCKY

Butterflies

HESPERIIDAE

Epargyreus clarus	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	14-Apr-11		LK1
Autochton cellus	Whitley: SR26 7.8 Mi. S. of US 25	29-May-11		LK1
Autochton cellus	Menifee: Daniel Boone NF SR77 near Gladae Center	22-Jun-11		LK1
Achalarus lyciades	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11		LK1
Thorybes bathyllus	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11		LK1
Thorybes bathyllus	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	04-Aug-11		LK1
Thorybes pylades	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	22-May-11		LK1
Pholisora catullus	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	04-Aug-11		LK1
Pholisora catullus	Woodford: Midway Rd. - .2 Mi. N. of US421	11-Aug-11		LK1
Erynnis baptisiae	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	14-Apr-11		LK1
Erynnis brizo	Harlan: Black Mountain Elv. 4200' Near FAA Radar Site	29-Apr-11		LK1
Erynnis horatius	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	04-Aug-11		LK1
Erynnis icelus	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	14-Apr-11		LK1
Erynnis juvenalis	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	09-Apr-11		LK1
Pyrgus communis	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	01-Sep-11		LK1
Amblyscirtes belli	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11		LK1
Amblyscirtes hegon	Menifee: Daniel Boone NF east Indian Creek	09-Apr-11		LK1
Amblyscirtes vialis	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	14-Apr-11		LK1
Amblyscirtes vialis	Whitley: SR26 7.8 Mi. S. of US 25	29-May-11		LK1
Nastra lherminier	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11		LK1
Nastra lherminier	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11		LK1
Nastra lherminier	Woodford: Midway Rd. - .2 Mi. N. of US421	11-Aug-11		LK1
Lerema accius	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	01-Aug-11		LK1
Lerema accius	Woodford: Midway Rd. - .2 Mi. N. of US421	11-Aug-11		LK1
Ancyloxypha numitor	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11		LK1
Ancyloxypha numitor	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11		LK1
Ancyloxypha numitor	Woodford: Midway Rd. - .2 Mi. N. of US421	01-Aug-11		LK1
Thymelicus lineola	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11		LK1
Hylephila phyleus	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11		LK1
Hylephila phyleus	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	04-Aug-11		LK1
Hylephila phyleus	Scott: Green Space, Longview Estates	08-Aug-11		LK1
Hylephila phyleus	Woodford: Midway Rd. - .2 Mi. N. of US421	11-Aug-11		LK1
Polites origenes	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	04-Aug-11		LK1
Polites origenes	Scott: Green Space, Longview Estates	22-Aug-11		LK1
Polites peckius	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11		LK1
Polites peckius	Scott: Green Space, Longview Estates	07-Aug-11		LK1

Polites peckius	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	12-Aug-11		LK1
Polites themistocles	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11		LK1
Polites themistocles	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11		LK1
Wallengrenia egeremet	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	04-Aug-11		LK1
Wallengrenia egeremet	Woodford: Midway Rd. - .2 Mi. N. of US421	11-Aug-11		LK1
Pompeius verna	Woodford: Midway Rd. - .2 Mi. N. of US421	02-Jun-11		LK1
Pompeius verna	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11		LK1
Pompeius verna	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11		LK1
Anatrytone logan	Whitley: SR26 7.8 Mi. S. of US 25	29-May-11		LK1
Anatrytone logan	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11		LK1
Poanes hobomok	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	22-May-11		LK1
Poanes hobomok	Whitley: SR26 7.8 Mi. S. of US 25	29-May-11		LK1
Poanes zabulon	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	22-May-11		LK1
Poanes zabulon	Woodford: Midway Rd. - .2 Mi. N. of US421	01-Jun-11		LK1
PAPILIONIDAE				
Eurytides marcellus	Woodford: Midway Rd. - .2 Mi. N. of US421	03-May-11		LK1
Battus philenor	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jul-11		LK1
Papilio cressphontes	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	14-Aug-11		LK1
Papilio glaucus	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	14-Aug-11	22-Sep-11	LK1
Papilio polyxenes	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	14-Apr-11		LK1
Papilio troilus	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	15-May-11		LK1
PIERIDAE				
Pontia protodice	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11		LK1
Pontia protodice	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	04-Aug-11		LK1
Pontia protodice	Woodford: Midway Rd. - .2 Mi. N. of US421	04-Aug-11		LK1
Pontia protodice	Scott: Green Space, Longview Estates	20-Sep-11		LK1
Pieris rapae	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	14-Apr-11		LK1
Pieris virginiensis	Woodford: Midway Rd. - .2 Mi. N. of US421	14-Apr-11		LK1
Pieris virginiensis	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	14-Apr-11		LK1
Anthocharis mideia	Menifee: Daniel Boone NF east Indian Creek	08-Apr-11		LK1
Anthocharis mideia	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	09-Apr-11		LK1
Anthocharis mideia	Harlan: Black Mountain Elv. 4200' Near FAA Radar Site	29-Apr-11		LK1
Anthocharis mideia	Scott: Green Space, Longview Estates	01-May-11	09-Nov-11	LK1
Colias eurytheme	Scott: Green Space, Longview Estates	04-Apr-11	02-Dec-11	LK1
Numerous individuals observed or collected into December				
Colias eurytheme	Menifee: Daniel Boone NF east Indian Creek	08-Apr-11		LK1
Colias eurytheme	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	09-Apr-11	16-Oct-11	LK1
Colias eurytheme	Harlan: Black Mountain Elv. 4200' Near FAA Radar Site	29-Apr-11		LK1
Colias eurytheme	Woodford: Midway Rd. - .2 Mi. N. of US421	01-May-11	12-Oct-11	LK1
Colias eurytheme	Whitley: SR26 7.8 Mi. S. of US 25	29-May-11		LK1
Colias eurytheme	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	16-Jun-11		LK1
Colias philodice	Scott: Green Space, Longview Estates	21-Apr-11	16-Dec-11	LK1
A recently emerged female collected on 16 Dec 2011, several others observed.				
Colias philodice	Woodford: Midway Rd. - .2 Mi. N. of US421	01-May-11	29-Oct-11	LK1
Colias philodice	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	22-May-11		LK1
Colias philodice	Whitley: SR26 7.8 Mi. S. of US 25	29-May-11		LK1
Colias philodice	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11		LK1
Phoebis sennae	Woodford: Midway Rd. - .2 Mi. N. of US421	04-Aug-11		LK1
Pyrisitia lisa	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	14-Aug-11		LK1
Abaeis nicippe	Woodford: Midway Rd. - .2 Mi. N. of US421	04-Aug-11		LK1
Abaeis nicippe	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	01-Sep-11		LK1
Abaeis nicippe	Scott: Green Space, Longview Estates	23-Sep-11		LK1
LYCAENIDAE				
Feniseca tarquinius	Menifee: Daniel Boone NF east Indian Creek	08-Apr-11		LK1
Feniseca tarquinius	Whitley: SR26 7.8 Mi. S. of US 25	29-May-11		LK1
Feniseca tarquinius	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11		LK1
Lycaena hyllus	Woodford: Midway Rd. - .2 Mi. N. of US421	04-Aug-11		LK1
Lycaena phlaeas	Scott: Lemons Mill Rd. .5 Mi. W. of US460	10-Jun-11		LK1
Satyrrium calanus	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11		LK1
Satyrrium liparops	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11		LK1
Satyrrium titus	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	18-Jun-11		LK1
Callophrys augustinus	McCreary: Hickory Knob Rd. 2 mi. E. of CR1363	15-Apr-11		LK1
Callophrys gryneus	Scott: Green Space, Longview Estates	04-Apr-11		LK1
Callophrys gryneus	Menifee: Daniel Boone NF east Indian Creek	08-Apr-11		LK1
Callophrys gryneus	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	14-Apr-11	08-Aug-11	LK1
Callophrys gryneus	McCreary: Hickory Knob Rd. 2 mi. E. of CR1363	15-Apr-11		LK1

Callophrys gryneus	Whitley: SR26 7.8 Mi. S. of US 25	17-Apr-11		LK1
Callophrys gryneus	Woodford: Midway Rd. - .2 Mi. N. of US421	01-May-11		LK1
Callophrys gryneus	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	05-May-11		LK1
Callophrys henrici	Menifee: Daniel Boone NF east Indian Creek	08-Apr-11		LK1
Callophrys henrici	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	14-Apr-11		LK1
Callophrys niphon	Menifee: Daniel Boone NF east Indian Creek	08-Apr-11		LK1
Callophrys niphon	McCreary: Hickory Knob Rd. 2 mi. E. of CR1363	15-Apr-11		LK1
Callophrys niphon	Whitley: SR26 7.8 Mi. S. of US 25	15-Apr-11		LK1
Calycopis cecrops	Whitley: SR26 7.8 Mi. S. of US 25	29-May-11		LK1
Calycopis cecrops	Woodford: Midway Rd. - .2 Mi. N. of US421	04-Aug-11		LK1
Calycopis cecrops	Scott: Green Space, Longview Estates	07-Aug-11		LK1
Strymon melinus	Scott: Green Space, Longview Estates	07-Aug-11	20-Sep-11	LK1
Parrhasius m-album	Scott: Green Space, Longview Estates	06-Jul-11	08-Sep-11	LK1
Cupido comyntas	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	09-Apr-11	02-Oct-11	LK1
Cupido comyntas	Woodford: Midway Rd. - .2 Mi. N. of US421	01-May-11		LK1
Cupido comyntas	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11		LK1
Celastrina ladon form violacea	Woodford: Midway Rd. - .2 Mi. N. of US421	08-Jun-11		LK1
Celastrina ladon form violacea	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11		LK1
Celastrina ladon form violacea	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11		LK1
Celastrina neglecta	Whitley: SR26 7.8 Mi. S. of US 25	15-Apr-11		LK1
Celastrina neglecta	Scott: Green Space, Longview Estates	27-Apr-11		LK1
Celastrina neglecta	Harlan: Black Mountain Elv. 4200' Near FAA Radar Site	29-Apr-11		LK1
Celastrina neglecta	Woodford: Midway Rd. - .2 Mi. N. of US421	01-May-11		LK1
Celastrina neglectamajor	Menifee: Daniel Boone NF east Indian Creek	08-Apr-11		LK1
Glaucoopsyche lygdamus	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	14-Apr-11		LK1
Glaucoopsyche lygdamus	McCreary: Hickory Knob Rd. 2 mi. E. of CR1363	15-Apr-11		LK1
NYMPHALIDAE				
Libytheana carinenta	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	22-May-11	19-Sep-11	LK1
Danaus plexippus	Scott: Green Space, Longview Estates	30-Apr-11	28-Oct-11	LK1
Danaus plexippus	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	14-Jul-11		LK1
Danaus plexippus	Woodford: Midway Rd. - .2 Mi. N. of US421	04-Aug-11		LK1
Anaea andria Bait Trap	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	14-Apr-11		LK1
Lethe anthedon	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	22-May-11		LK1
Lethe anthedon	Whitley: SR26 7.8 Mi. S. of US 25	28-May-11		LK1
Lethe anthedon	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11		LK1
Lethe portlandia Bait Trap	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11		LK1
Cercyonis pegala	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	07-Jul-11		LK1
Cyllopsis gemma	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	14-Apr-11		LK1
Cyllopsis gemma	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	05-May-11		LK1
Cyllopsis gemma	Whitley: SR26 7.8 Mi. S. of US 25	28-May-11		LK1
Hermeuptychia sosybius	Whitley: SR26 7.8 Mi. S. of US 25	05-May-11		LK1
Hermeuptychia sosybius	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	05-May-11		LK1
Hermeuptychia sosybius	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11		LK1
Megisto cymela	Scott: Green Space, Longview Estates	22-May-11		LK1
Megisto cymela	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	01-Jun-11		LK1
Euptoieta claudia	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	01-Sep-11		LK1
Euptoieta claudia	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	08-Oct-11		LK1
Speyeria aphrodite	Harlan: Black Mountain - SR160 2.2 MI. from VA State Line.	09-Jul-11		LK1
Speyeria cybele Many females were observed into Mid-September	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	07-Jun-11	19-Sep-11	LK1
Speyeria cybele	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11		LK1
Speyeria diana	Harlan: Black Mountain - SR160 2.2 MI. from VA State Line.	09-Jul-11		LK1
Boloria bellona	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11	01-Nov-11	LK1
Boloria bellona	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11		LK1
Boloria bellona	Scott: Green Space, Longview Estates	21-Jun-11		LK1
Boloria bellona	Woodford: Midway Rd. - .2 Mi. N. of US421	04-Aug-11		LK1
Limnitis archippus	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11		LK1
Limnitis archippus Bait Trap	Scott: Green Space, Longview Estates	22-Jun-11		LK1
Limnitis archippus	Ballard: Ballard WMA	12-Sep-11		LK1
Limnitis arthemis Bait Trap	Scott: Green Space, Longview Estates	15-May-11	06-Oct-11	LK1

Limenitis arthemis	Whitley: SR26 7.8 Mi. S. of US 25	28-May-11		LK1
Limenitis arthemis	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11	19-Sep-11	LK1
Limenitis arthemis	Meade: Otter Creek Park	21-Jul-11		LK1
Asterocampa celtis Bait Trap	Scott: Green Space, Longview Estates	20-May-11	19-Sep-11	LK1
Asterocampa celtis	Woodford: Midway Rd. - .2 Mi. N. of US421	22-May-11		LK1
Asterocampa celtis	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	22-May-11		LK1
Asterocampa celtis	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11		LK1
Asterocampa clyton Bait Trap	Scott: Green Space, Longview Estates	22-May-11		LK1
Asterocampa clyton	Whitley: SR26 7.8 Mi. S. of US 25	28-May-11		LK1
Asterocampa clyton	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11		LK1
Asterocampa clyton Bait Trap	Woodford: Midway Rd. - .2 Mi. N. of US421	06-Jul-11		LK1
Vanessa atalanta	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	14-Apr-11	19-Sep-11	LK1
Vanessa cardui	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	04-Aug-11		LK1
Vanessa virginiensis	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	22-May-11		LK1
Vanessa virginiensis	Scott: Green Space, Longview Estates	01-Jul-11		LK1
Nymphalis antiopa	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	22-May-11		LK1
Polygonia comma	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	09-Apr-11		LK1
Polygonia comma Bait Trap	Scott: Green Space, Longview Estates	16-Jul-11		LK1
Polygonia interrogationis	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	29-May-11		LK1
Polygonia interrogationis Bait Trap	Scott: Green Space, Longview Estates	05-Jul-11		LK1
Junonia coenia	Scott: Green Space, Longview Estates	05-May-11	22-Oct-11	LK1
Extremely abundant throughout the summer. Many individuals seen until late October				
Junonia coenia	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	14-May-11	09-Sep-11	LK1
Junonia coenia	Woodford: Midway Rd. - .2 Mi. N. of US421	06-Jun-11		LK1
Junonia coenia	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11		LK1
Chlosyne nycteis	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	05-May-11		LK1
Chlosyne nycteis	Scott: Green Space, Longview Estates	15-May-11	08-Sep-11	LK1
Chlosyne nycteis	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	01-Jun-11	29-Oct-11	LK1
Chlosyne nycteis	Woodford: Midway Rd. - .2 Mi. N. of US421	06-Jun-11		LK1
Euphydryas phaeton	Fayette: Cold Stream Commerce Park at Newton Pike	10-Jun-11		LK1

Moths

CRAMBIDAE

Blepharomastix ranalis	Meade: Otter Creek Wildlife Management Area	23-Aug-11		LDG
Ecpyrrhoerrhoe puralis	MEADE: Otter Creek Wildlife Management Area	23-Aug-11		LDG

SESIIDAE

Paranthrene simulans Pheromone Trap	Scott: Green Space, Longview Estates	14-Jun-11		LK1
Paranthrene simulans Pheromone Trap	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11		LK1
Paranthrene simulans Pheromone Trap	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	26-Jun-11		LK1
Paranthrene simulans Pheromone Trap	Woodford: Midway Rd. - .2 Mi. N. of US421	01-Jul-11		LK1
Vitacea polistiformis Pheromone Trap	Scott: Green Space, Longview Estates	10-Jun-11		LK1
Melittia cucurbitae Pheromone Trap	Scott: Green Space, Longview Estates	12-Jul-11		LK1
Synanthedon acerni Pheromone Trap	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11		LK1
Synanthedon acerni Pheromone Trap	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	26-Jun-11		LK1
Synanthedon acerni Pheromone Trap	Scott: Green Space, Longview Estates	04-Aug-11		LK1
Synanthedon decipiens Pheromone Trap	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	04-Aug-11		LK1
Synanthedon exitiosa Pheromone Trap	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	18-May-11		LK1
Synanthedon exitiosa Pheromone Trap	Scott: Green Space, Longview Estates	22-May-11		LK1
Synanthedon exitiosa Pheromone Trap	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11		LK1

Synanthedon pictipes Pheromone Trap	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	12-May-11	LK1
Synanthedon pictipes Pheromone Trap	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11	LK1
Synanthedon pictipes Pheromone Trap	Scott: Green Space, Longview Estates	08-Aug-11	LK1
Synanthedon rileyana Pheromone Trap	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11	LK1
Synanthedon rileyana Pheromone Trap	Scott: Green Space, Longview Estates	04-Aug-11	LK1
Synanthedon rileyana Pheromone Trap	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	10-Aug-11	LK1
Synanthedon rubrofascia Pheromone Trap	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11	LK1
Synanthedon scitula Pheromone Trap	Scott: Green Space, Longview Estates	10-Jun-11	LK1
Synanthedon scitula Pheromone Trap	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11	LK1
Podosesia syringae Pheromone Trap	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	12-May-11	LK1
Podosesia syringae Pheromone Trap	Woodford: Midway Rd. - .2 Mi. N. of US421	17-May-11	LK1
Podosesia syringae Pheromone Trap	Scott: Green Space, Longview Estates	19-May-11	LK1
Carmenta ithacae Pheromone Trap	Scott: Green Space, Longview Estates	26-Jul-11	LK1
Carmenta pyralidiformis Pheromone Trap	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	01-Aug-11	LK1
Alcathoe caudata Pheromone Trap	Woodford: Midway Rd. - .2 Mi. N. of US421	03-Sep-11	LK1
APATELODIDAE			
Apatelodes torrefacta	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11	LK1
Apatelodes torrefacta	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11	LK1
Olceclostera angelica	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11	LK1
LASIOCAMPIDAE			
Tolype notialis	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11	LK1
Tolype vellela	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Oct-11	LK1
Artace cribraria	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11	LK1
SATURNIIDAE			
Eacles imperialis	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	01-Jul-11	LK1
Citheronia regalis	Harlan: Black Mountain Elv. 4200' Near FAA Radar Site	09-Jul-11	LK1
Sphingicampa bicolor	Meade: Otter Creek Park	21-Jul-11	LK1
Dryocampa rubicunda	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11	LK1
Anisota stigma	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11	LK1
Anisota virginienis	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11	LK1
Anisota virginienis	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11	LK1
Automeris io	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11	LK1
Antheraea polyphemus	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	22-May-11	LK1
Actias luna	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	05-May-11	LK1
Callosamia angulifera	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11	LK1
Callosamia promethea	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	22-May-11	LK1
Hyalophora cecropia	Harrison : US 62 - 9 Mi. E. of US460	19-May-11	LK1
Hyalophora cecropia	Scott : I-75 & US62	21-May-11	LK1
SPHINGIDAE			
Agrius cingulata	Scott: Green Space, Longview Estates	09-Sep-11	LK1
Manduca jasminearum	Scott: Green Space, Longview Estates	15-Jul-11	LK1
Manduca jasminearum	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	04-Aug-11	LK1
Manduca quinquemaculatus	Scott: Green Space, Longview Estates	29-Aug-11	LK1
Manduca rustica	Scott: Green Space, Longview Estates	08-Sep-11	LK1
Dolba hylaeus	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11	LK1
Ceratonia amyntor	Menifee: Daniel Boone NF east Indian Creek	16-Jul-11	LK1
Ceratonia catalpae	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	04-Aug-11	LK1
Ceratonia hageni	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	04-Aug-11	LK1
Paratreia plebeja	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	04-Aug-11	LK1
Sphinx canadensis	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	14-Aug-11	LK1
Sphinx chersis	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	19-Aug-11	LK1
Lintneria eremitus	Menifee: Daniel Boone NF east Indian Creek	16-Jul-11	LK1

<i>Lintneria eremitus</i>	POWELL: D. Boone National Forest, Forest Rd. 23	28-Jul-11	LDG
<i>Lintneria eremitus</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	19-Aug-11	LK1
<i>Lapara coniferarum</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	09-Jul-11	LK1
<i>Lapara coniferarum</i>	Menifee: Daniel Boone NF east Indian Creek	16-Jul-11	LK1
<i>Smerinthus jamaicensis</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11	LK1
<i>Amorpha juglandis</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	09-Jul-11	LK1
<i>Amorpha juglandis</i>	Scott: Green Space, Longview Estates	18-Jul-11	LK1
<i>Hemaris diffinis</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	15-Jul-11	LK1
<i>Hemaris thysbe</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11	02-Sep-11 LK1
<i>Eumorpha pandorus</i>	Harlan: Black Mountain Elv. 4200' Near FAA Radar Site	09-Jul-11	LK1
<i>Eumorpha pandorus</i>	Menifee: Daniel Boone NF east Indian Creek	14-Oct-11	LK1
<i>Sphecodina abbottii</i>	Scott: Green Space, Longview Estates	31-May-11	LK1
<i>Deidamia inscriptum</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	14-Apr-11	LK1
<i>Amphion floridensis</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	09-Jun-11	LK1
<i>Darapsa choerilus</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11	LK1
<i>Darapsa versicolor</i>	Harlan: Black Mountain Elv. 4200' Near FAA Radar Site	09-Jul-11	LK1
<i>Hyles lineata</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	18-Sep-11	LK1
NOTODONTIDAE			
<i>Clostera albosigma</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11	LK1
<i>Clostera inclusa</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11	LK1
<i>Cerura scitiscrita</i>	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11	LK1
<i>Datana angusii</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11	LK1
<i>Datana contracta</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11	LK1
<i>Datana drexellii</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11	LK1
<i>Datana integerrima</i>	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11	LK1
<i>Peridea angulosa</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11	LK1
<i>Peridea ferruginea</i>	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11	LK1
<i>Ellida caniplaga</i>	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11	LK1
<i>Heterocampa guttivitta</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11	LK1
<i>Heterocampa obliqua</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11	LK1
<i>Heterocampa subrotata</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11	LK1
<i>Heterocampa umbrata</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11	LK1
<i>Lochmaeus bilineata</i>	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	16-Jun-11	LK1
<i>Lochmaeus manteo</i>	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11	LK1
<i>Schizura apicalis</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11	LK1
<i>Schizura apicalis</i>	Menifee: Daniel Boone NF east Indian Creek	16-Jul-11	LK1
<i>Schizura badia</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11	LK1
<i>Schizura ipomoeae</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11	LK1
NOCTUIDAE			
<i>Ascalapha odorata</i>	Menifee: Daniel Boone NF east Indian Creek	14-Oct-11	LK1
<i>Euclidia cuspidea</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11	LK1
<i>Argyrostroma anilis</i>	Woodford: Midway Rd. - .2 Mi. N. of US421	12-Jun-11	LK1
<i>Argyrostroma anilis</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11	LK1
<i>Argyrostroma anilis</i>	Menifee: Daniel Boone NF east Indian Creek	29-Sep-11	LK1
<i>Zale horrida</i>	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11	LK1
<i>Zale lunata</i>	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11	LK1
<i>Zale metata</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11	LK1
<i>Zale metatoides</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11	LK1
<i>Catocala amatrix</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	19-Jul-11	LK1
Bait Trap			
<i>Catocala amica</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	12-Jun-11	LK1
<i>Catocala andromedae</i>	Harlan: Black Mountain Elv. 4200' Near FAA Radar Site	09-Jul-11	LK1
<i>Catocala angusi</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	12-Aug-11	LK1
Bait Trap			
<i>Catocala cara</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	19-Jul-12	LK1
Bait Trap			
<i>Catocala cerogama</i>	Scott: Green Space, Longview Estates	18-Jul-11	LK1
Bait Trap			
<i>Catocala cerogama</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	19-Jul-11	20-Sep-11 LK1
Bait Trap			
<i>Catocala clintoni</i>	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11	LK1
Bait Trap			
<i>Catocala coccinata</i>	Woodford: Midway Rd. - .2 Mi. N. of US421	04-Aug-11	LK1
Bait Trap			
<i>Catocala coccinata</i>	Scott: Green Space, Longview Estates	11-Aug-11	LK1
Bait Trap			

Catocala dejecta Bait Trap	Scott: Green Space, Longview Estates	10-Aug-11	LK1
Catocala epione Bait Trap	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	12-Aug-11	LK1
Catocala habilis Bait Trap	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	07-Jul-11	LK1
Catocala ilia Bait Trap	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	29-Jun-11	LK1
Catocala innubens Bait Trap	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	04-Aug-11	19-Sep-11 LK1
Catocala judith	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	11-Jul-11	LK1
Catocala lineella	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11	LK1
Catocala micronympha Bait Trap	Woodford: Midway Rd. - .2 Mi. N. of US421	12-Jun-11	LK1
Catocala micronympha Bait Trap	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11	LK1
Catocala micronympha Bait Trap	Scott: Green Space, Longview Estates	09-Jul-11	LK1
Catocala nebulosa	WOLF: D. Boone National Forest, Chimney Top Rd.	28-Jul-11	LDG
Catocala nebulosa Bait Trap	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	22-Aug-11	LK1
Catocala neogama Bait Trap	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	09-Aug-11	LK1
Catocala obscura Bait Trap	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	09-Aug-11	LK1
Catocala parta Bait Trap	Scott: Green Space, Longview Estates	09-Aug-11	LK1
Catocala piatrix Bait Trap	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	11-Jul-11	LK1
Catocala residua Bait Trap	Woodford: Midway Rd. - .2 Mi. N. of US421	04-Aug-11	LK1
Catocala sappho	WOLF: D. Boone National Forest, Chimney Top Rd.	28-Jul-11	LDG
Catocala similis	Meade: Otter Creek Park	21-Jul-11	LK1
Catocala whitneyi	GRAYSON: SR259 - Exit 107 Western KY PKWY	11-Sep-11	LK1
Abrostola ovalis	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11	LK1
Megalographa biloba	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11	LK1
Megalographa biloba	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11	LK1
Tripudia flavofasciata	MEADE: Otter Creek Wildlife Management Area	23-Aug-11	LDG
Argillophora furcilla	MEADE: Otter Creek Wildlife Management Area	23-Aug-11	LDG
Acontia delecta	Carlisle: Doug Travis WMA	21-Jul-11	LK1
Acontia delecta	Ballard: Ballard WMA	11-Sep-11	LK1
Acronicta betulae	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11	LK1
Acronicta betulae	Ballard: Ballard WMA	11-Sep-11	LK1
Acronicta noctivaga	Rockcastle: I-75 Exit 59 wall of Shell Gas Station	15-Apr-11	LK1
Stiria rugifrons	Meade: Otter Creek Park	21-Jul-11	LK1
Azenia obtusa	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11	LK1
Azenia obtusa	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11	LK1
Azenia obtusa	Woodford: Midway Rd. - .2 Mi. N. of US421	04-Aug-11	LK1
Heliocheilus lupatus	MEADE: Otter Creek Wildlife Management Area	23-Aug-11	LDG
Schinia florida At light on wall of church	Scott: Georgetown, US 25 - 1/2 Mi. S. of US460	01-Sep-11	LK1
Schinia gaurae Larvae found on Gaura biennis 11 Sept 2011 - Eclosed 15 Sept 2011 - Emerged 5 Oct 201	CALDWELL: CR1627 .5 Mi. S. of US62	11-Sep-11	LK1
Schinia trifascia	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	01-Sep-11	LK1
Ipimorpha pleonectusa	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11	LK1
Iodopepla u-album	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	08-Oct-11	LK1
Meropleon diversicolor	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	08-Oct-11	LK1
Amphipoea americana	Meade: Otter Creek Park	21-Jul-11	LK1
Papaipema arctivorens	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Sep-11	LK1
Papaipema arctivorens	Menifee: Daniel Boone NF east Indian Creek	29-Sep-11	LK1
Papaipema baptisiae	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	27-Sep-11	LK1
Papaipema cataphracta	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	02-Oct-11	LK1
Papaipema cerussata	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	19-Oct-11	LK1
Papaipema eupatorii	Menifee: Daniel Boone NF east Indian Creek	29-Sep-11	LK1
Papaipema eupatorii	Woodford: Midway Rd. - .2 Mi. N. of US421	02-Oct-11	LK1
Papaipema eupatorii	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	08-Oct-11	LK1
Papaipema furcata	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	27-Sep-11	LK1

<i>Papaipema furcata</i>	Menifee: Daniel Boone NF east Indian Creek	29-Sep-11	LK1
<i>Papaipema impecuniosa</i>	Menifee: Daniel Boone NF east Indian Creek	29-Sep-11	LK1
<i>Papaipema impecuniosa</i>	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	08-Oct-11	LK1
<i>Papaipema marginidens</i>	Menifee: Daniel Boone NF east Indian Creek	29-Sep-11	LK1
<i>Papaipema marginidens</i>	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	08-Oct-11	LK1
<i>Papaipema nebris</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Sep-11	LK1
<i>Papaipema nebris</i>	Menifee: Daniel Boone NF east Indian Creek	29-Sep-11	LK1
<i>Papaipema nebris</i>	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	08-Oct-11	LK1
<i>Papaipema necopina</i>	Woodford: Midway Rd. - .2 Mi. N. of US421	02-Oct-11	LK1
<i>Papaipema necopina</i>	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	08-Oct-11	LK1
<i>Papaipema rigida</i>	Menifee: Daniel Boone NF east Indian Creek	29-Sep-11	LK1
<i>Papaipema rigida</i>	BRECKINRIDGE: SR261 - 2.8 Mi. E. of SR86	08-Oct-11	LK1
<i>Papaipema silphii</i>	BRECKINRIDGE: SR261 - 2.8 Mi. E. of SR86	08-Oct-11	LK1
<i>Papaipema silphii</i>	BRECKINRIDGE: CSX RR Tracks .5 Mi. w. of Mystic	08-Oct-11	LK1
<i>Papaipema speciosissima</i>	McCreary: Daniel Boone NF FR137 1.25 Mi. S. FR564	11-Oct-11	LK1
<i>Hydraecia stramentosa</i>	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	08-Oct-11	LK1
<i>Hydraecia stramentosa</i>	BRECKINRIDGE: SR261 - 2.8 Mi. E. of SR86	08-Oct-11	LK1
<i>Metaxaglaea semitaria</i>	Menifee: Daniel Boone NF east Indian Creek	14-Oct-11	LK1
<i>Metaxaglaea viatica</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	19-Oct-11	LK1
<i>Metaxaglaea viatica</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	02-Nov-11	LK1
<i>Faronta rubripennis</i>	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	08-Oct-11	LK1
<i>Faronta rubripennis</i>	BRECKINRIDGE: SR261 - 2.8 Mi. E. of SR86	08-Oct-11	LK1
<i>Euxoa immixta</i>	FRANKLIN: Frankfort, Jct of Glenns Creek Rd. & SR676	08-Jun-01	LK1
State Record			
<i>Euxoa messoria</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Sep-11	LK1
EREBIDAE			
<i>Lycomorpha pholus</i>	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11	LK1
<i>Hypoprepia miniata</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11	LK1
<i>Hypoprepia miniata</i>	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11	LK1
<i>Hypoprepia miniata</i>	Menifee: Daniel Boone NF east Indian Creek	16-Jul-11	LK1
<i>Hypoprepia miniata</i>	Meade: Otter Creek Park	21-Jul-11	LK1
<i>Crambidia cephalica</i>	Meade: Otter Creek Park	21-Jul-11	LK1
<i>Holomelina laeta</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	04-Aug-11	LK1
<i>Virbia opella</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	17-Jul-11	LK1
<i>Virbia opella</i>	Woodford: Midway Rd. - .2 Mi. N. of US421	04-Aug-11	LK1
<i>Grammia anna</i>	Woodford: Midway Rd. - .2 Mi. N. of US421	04-Jun-11	LK1
<i>Grammia anna</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11	LK1
<i>Grammia anna</i>	Menifee: Daniel Boone NF east Indian Creek	16-Jul-11	LK1
<i>Grammia arge</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	05-May-11	LK1
<i>Grammia figurata</i>	Menifee: Daniel Boone NF east Indian Creek	16-Jul-11	LK1
<i>Grammia figurata</i>	Meade: Otter Creek Park	21-Jul-11	LK1
<i>Grammia parthenice</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	05-Sep-11	LK1
<i>Grammia parthenice</i>	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	09-Oct-11	LK1
<i>Grammia virgo</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	04-Aug-11	LK1
<i>Apantesis nais</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	22-May-11	LK1
<i>Apantesis nais</i>	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11	LK1
<i>Apantesis vittata</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11	LK1
<i>Spilosoma latipennis</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11	LK1
<i>Cycnia oregonensis</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11	LK1
<i>Euchaetes egle</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11	LK1
<i>Pagara simplex</i>	Breckinridge: Yellow Bank WMA, Yellowbank Trail E. of SR259	18-Jun-11	LK1
<i>Pagara simplex</i>	Menifee: Daniel Boone NF east Indian Creek	16-Jul-11	LK1
<i>Dasychira basiflava</i>	Menifee: Daniel Boone NF east Indian Creek	14-Oct-11	LK1
<i>Dasychira manto</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	01-Oct-11	LK1
<i>Dasychira tephra</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11	LK1
<i>Dasychira vagans</i>	Owen: Kleber WMA CR368 - 3.1 mi. N. of CR1707	16-Jun-11	LK1

MICHIGAN

The bulk of the records submitted were from the Upper Peninsula. Johnson found spring much delayed compared to 2010, perhaps close to a historical "normal" spring. Many wetlands were unusually dry throughout the season. Early to mid July had many warm nights which yielded excellent moth catches. Warm weather continued late into the season. Early October in particular was extremely warm, which resulted in excellent collecting at bait, especially for Lithophane species. Ferge experienced a good season in the Keweenaw Peninsula. A number of historic butterfly records, some not reported in over 50 years, were re-documented as new localities continue to be investigated. *Papilio canadensis*, *Limenitis arthemis arthemis*, *Speyeria atlantis* and *cybele* were common. Hardly any *Vanessa atalanta* and *V. virginensis* were seen in 2011, strongly contrasting with the large numbers seen last year. Moth collecting with UV lights was productive, especially in the late season, due to the mild weather. Investigation of several wetland habitats resulted in eight *Papaipema* species being documented. Bait traps also were productive, with *Catocala* numbers found to be up significantly from the past two seasons. Although no migrant butterfly species were found, a number of stray/migrant moths appeared in early October, including *Zale lunata*, *Mocis latipes*, *Chrysodeixis includens*, *Spodopters ornithogalli* and *Heliothis virescens*.

Butterflies

HESPERIIDAE

<i>Erynnis juvenalis</i>	Mackinac: Fiborn Quarry	31-May-11		KEJ
<i>Erynnis juvenalis</i>	Luce: North Wanamaker Uplands	31-May-11		KEJ
<i>Amblyscirtes hegon</i>	Keweenaw: Logging Road 1.4 mi. NW of Gay	26-Jul-11		LAF
<i>Hesperia comma laurentina</i>	Mackinac: Naubinway	28-Aug-11		KEJ
<i>Hesperia leonardus</i>	Marquette: McFarland Bog	14-Jul-11		KEJ
<i>Hesperia leonardus</i>	Luce: Wanamaker Lake Peatlands	28-Aug-11		KEJ
<i>Atrytonopsis hianna</i> abundant	Otsego: Crapo Lake Barrens	03-Jun-11		DRB

PIERIDAE

<i>Pieris oleracea</i>	Keweenaw: Logging Road 1.4 mi. NW of Gay	25-May-11	26-Jul-11	LAF
<i>Pieris rapae</i> also DRB; always an exciting find in Marquette County	Marquette: Little Lake	02-Jun-11		KEJ
<i>Pieris rapae</i> late end of flight period poorly documented in Upper Michigan	Keweenaw: Eagle River	08-Oct-11		KEJ
<i>Pieris virginiensis</i>	Alger: Sixteenmile Lake	04-Jun-11		KEJ

LYCAENIDAE

<i>Feniseca tarquinius</i>	Alger: Sixteenmile Lake	28-May-11		KEJ
<i>Lycaena dorcas</i>	Marquette: Flat Rock Creek Peatlands	13-Jul-11		KEJ
<i>Lycaena epixanthe</i>	Marquette: McFarland Bog	14-Jul-11		KEJ
<i>Lycaena epixanthe</i>	Houghton: Big Traverse Bay Rd. Bog	31-Jul-11		LAF
<i>Callophrys augustinus</i> also DRB	Luce: Sleeper Lake Peatlands	31-May-11		KEJ
<i>Callophrys augustinus</i>	Alger: Laughing Fish Point Bog	04-Jun-11		KEJ
<i>Callophrys eryphon</i>	Keweenaw: Bete Gris	20-May-11		GJB
<i>Callophrys eryphon</i>	Keweenaw: Point Isabelle Bog & Brockway Mountain Drive	05-Jun-11	08-Jun-11	LAF
<i>Callophrys henrici</i>	Delta: Poplar Lake Bog	30-May-11		DRB
<i>Callophrys polios</i>	Keweenaw: Bete Gris	20-May-11		LAF
<i>Callophrys polios</i>	Houghton: Louis Point Rd. Pines	25-May-11		LAF
<i>Callophrys polios</i>	Delta: Rapid River Barrens	27-May-11		KEJ
<i>Cupido amyntula</i>	Keweenaw: Brockway Mountain Drive	08-Jun-11		LAF
<i>Cupido comyntas</i> one male in old sandstone quarry	Keweenaw: Logging Road 1.4 mi. NW of Gay	17-Aug-11		RK
<i>Celastrina neglecta</i>	Keweenaw: Logging Road 1.4 mi. NW of Gay	17-Aug-11		LAF
<i>Plebejus idas nabokovi</i> new site & range extension within county	Marquette: Diorite	12-Jul-11		KEJ

NYMPHALIDAE

<i>Danaus plexippus</i>	Keweenaw: Logging Road 1.4 mi. NW of Gay	05-Jun-11		LAF
<i>Erebia discoidalis</i> also DRB; late in flight period	Marquette: Cyr Swamp & McFarland Bog	02-Jun-11		KEJ
<i>Oeneis chryxus strigulosa</i>	Delta: Rapid River Barrens	27-May-11		KEJ
<i>Oeneis chryxus strigulosa</i> also DRB; common	Marquette: Little Lake	02-Jun-11		KEJ
<i>Oeneis jutta ascerta</i>	Luce: Sleeper Lake Peatlands	31-May-11		KEJ
<i>Oeneis jutta ascerta</i>	Marquette: Cyr Swamp & McFarland Bog	02-Jun-11		KEJ
<i>Oeneis jutta ascerta</i>	Alger: Laughing Fish Point Bog	04-Jun-11		KEJ
<i>Oeneis jutta ascerta</i>	Delta: Pole Creek Lake Bog	04-Jun-11		KEJ
<i>Oeneis jutta ascerta</i> appears to be strongly biennial here, not seen in 2010	Keweenaw: Point Isabelle Bog	13-Jun-11		LAF
<i>Boloria selene atrocostalis</i>	Menominee: Wire Grass Lake Swamp	05-Jun-11		KEJ
<i>Boloria bellona</i> flying in rich peatland interior	Marquette: Cyr Swamp	02-Jun-11		KEJ
<i>Boloria bellona</i>	Houghton: Wetland 1.8 mi. N of Calumet	31-Jul-11		LAF

Boloria frigga freshly emerged	Keweenaw: Point Isabelle Bog	13-Jun-11		LAF
Boloria frigga saga	Luce: Wanamaker Lake Peatlands	31-May-11		KEJ
Boloria frigga saga	Marquette: Cyr Swamp	02-Jun-11		KEJ
Boloria frigga saga	Delta: Pole Creek Lake Bog	04-Jun-11		KEJ
Vanessa cardui	Keweenaw: Eagle River	11-Oct-11		KEJ
Polygonia comma Bait Trap	KEWEENAW: Agate Harbor Eagle Harbor Rd & Mohawk-Gay Rd.	03-Oct-11	12-Oct-11	LAF
Polygonia faunus also LAF	Houghton: 2.5 mi. E of Copper City	21-Apr-11		GJB
Polygonia faunus	Luce: Wanamaker Lake Peatlands	31-May-11	28-Aug-11	KEJ
Polygonia faunus	Alger: Laughing Fish Point Bog	04-Jun-11		KEJ
Polygonia interrogationis	Alger: Sixteenmile Lake	04-Jun-11		KEJ
Junonia coenia common	Mackinac: Naubinway	28-Aug-11		KEJ
Euphydryas phaeton	Marquette: Diorite	13-Jul-11		KEJ
Moths				
GRACILLARIIDAE				
Caloptilia stigmatella under bark	Ingham: Dansville SGA	13-Jan-11		KEJ
OECOPHORIDAE				
Semioscopis megamicrella	St. Joseph: Three Rivers SGA	19-Mar-11		KEJ
ELACHISTIDAE				
Agonopterix atrodorsella under bark	Ingham: Dansville SGA	13-Jan-11		KEJ
Agonopterix clemensella under bark	Ingham: Dansville SGA	13-Jan-11		KEJ
Agonopterix pulvipennella under bark	Ingham: Dansville SGA	13-Jan-11		KEJ
GELECHIIDAE				
Dichomeris ligulella	Chippewa: Trout Lake Peatlands: USFS 3344 Section	31-May-11		KEJ
GLYPHIPTERIGIDAE				
Glyphipterix haworthana	DELTA: Lower Farm Lake & Poplar Lake bogs	27-May-11	30-May-11	KEJ
CRAMBIDAE				
Crambus albellus	Marquette: Flat Rock Creek Peatlands	13-Jul-11		KEJ
Crambus saltuellus	Marquette: Perch Lake Barrens	12-Jul-11		KEJ
Loxostege commixtalis	Delta: Poplar Lake Bog	30-May-11		KEJ
Munroessa icciusalis	Marquette: Flat Rock Creek Peatlands	13-Jul-11		KEJ
Ostrinia marginalis also DRB	Marquette: Cyr Swamp	02-Jun-11		KEJ
PYRALIDAE				
Anerastia lotella	Marquette: Perch Lake Barrens	12-Jul-11		KEJ
SESIIDAE				
Paranthrene dollii	Clinton: Olive Twp. Sec. 28	09-Jun-11		WTJ
Paranthrene tabaniformis	Calhoun: Emmett Twp. Sec. 13	13-Jun-11		WTJ
Paranthrene tabaniformis	Clinton: Dewitt Twp. Sec. 21	14-Jun-11	19-Jun-11	WTJ
Melittia cucurbitae	Eaton: Delta Twp. Sec. 29	14-Jul-11		WTJ
Sesia spartani	Clinton: Bath Twp. Sec. 21	04-Jul-11		WTJ
Synanthedon acerrubri	Eaton: Delta Twp. Sec. 29	14-Jul-11	24-Jul-11	WTJ
Synanthedon decipiens 2nd time collected in MI	Clinton: DeWitt Twp. Sec. 22	07-Jul-11		WTJ
Synanthedon proxima	Clinton: DeWitt Twp. Sec. 22	12-Aug-11		WTJ
Synanthedon sigmoidea	Ingham: Ingham Twp. Sec. 29	20-Aug-11		WTJ
TORTRICIDAE				
Zomaria interruptolineana	Luce: Wanamaker Lake Peatlands	30-May-11		KEJ
Olethreutes sordidana	MARQUETTE: Perch Lake Barrens	12-Jul-11		KEJ
Pseudexentera kalmiana	DELTA: Lower Farm Lake Bog	27-May-11		KEJ
Pseudexentera kalmiana	Alger: Laughing Fish Point Bog	29-May-11		KEJ
Epinotia vertumnana	Berrien: New Buffalo Welcome Center	17-Mar-11		KEJ
Ancylis goodelliana	Luce: Wanamaker Lake Peatlands	30-May-11		KEJ
Ancylis goodelliana	Marquette: McFarland Bog	02-Jun-11		KEJ
Ancylis mediofasciana	Luce: Wanamaker Lake Peatlands	30-May-11		KEJ
Ancylis mediofasciana	Marquette: Cyr Swamp	02-Jun-11		KEJ
Ancylis subaequana	Luce: Wanamaker Lake Peatlands	30-May-11		KEJ
Ancylis subaequana	Marquette: Perch Lake Barrens	12-Jul-11		KEJ
Croesia curvalana	Marquette: Perch Lake Barrens	12-Jul-11		KEJ

<i>Acleris celiana</i> flying around dusk	Delta: Brampton	25-Nov-11		KEJ
<i>Acleris maculidorsana</i>	Delta: Lower Farm Lake Bog	27-May-11		KEJ
<i>Acleris maculidorsana</i> common	Keweenaw: Schlatter Lake Peatland	09-Oct-11		KEJ
<i>Acleris minuta</i>	Marquette: Perch Lake Barrens	12-Jul-11		KEJ
<i>Acleris nigrolinea</i> flying around dusk	Delta: Brampton	25-Nov-11		KEJ
<i>Acleris oxycoccana</i>	Delta: Farm Lake area peatlands	27-May-11	25-Nov-11	KEJ
<i>Acleris oxycoccana</i>	Alger: Laughing Fish Point Bog	29-May-11		KEJ
<i>Acleris oxycoccana</i>	Keweenaw: Schlatter Lake Peatland	09-Oct-11		KEJ
<i>Acleris schalleriana</i>	St. Joseph: Three Rivers SGA	19-Mar-11		KEJ
<i>Argyrotaenia occultana</i>	Luce: Wanamaker Lake Peatlands	30-May-11		KEJ
<i>Argyrotaenia quadrifasciana</i>	Marquette: Perch Lake Barrens	12-Jul-11		KEJ
<i>Argyrotaenia quercifolia</i>	Marquette: Baraga Creek	12-Jul-11		KEJ
GEOMETRIDAE				
<i>Archiearis infans</i>	Delta: Brampton Lake	21-Apr-11		KEJ
<i>Alsophila pometaria</i>	St. Joseph: Three Rivers SGA	19-Mar-11		KEJ
<i>Macaria masquerata</i>	Marquette: Perch Lake Barrens	12-Jul-11		KEJ
<i>Macaria oweni</i>	Luce: Wanamaker Lake Peatlands	30-May-11		KEJ
<i>Macaria sexmaculata</i>	Luce: Wanamaker Lake Peatlands	30-May-11		KEJ
<i>Macaria truncataria</i>	Delta: Middle Ogontz Peatlands & Poplar Lake Bog	27-May-11	20-May-11	KEJ
<i>Macaria truncataria</i> site is rocky peaty barrens weirdness	Alger: Laughing Fish Barrens	29-May-11		KEJ
<i>Macaria truncataria</i> also DRB	Marquette: Cyr Swamp, Little Lake, & McFarland Bog	02-Jun-11		KEJ
<i>Orthofidonia tinctaria</i>	Luce: Wanamaker Lake Peatlands	30-May-11		KEJ
<i>Orthofidonia tinctaria</i>	Chippewa: Trout Lake Peatlands	31-May-11		KEJ
<i>Ematurga amitaria</i>	Delta: Poplar Lake Bog	30-May-11		KEJ
<i>Ematurga amitaria</i>	Chippewa: Trout Lake Peatlands	01-Jun-11		KEJ
<i>Ematurga amitaria</i>	Marquette: Cyr Swamp	02-Jun-11		KEJ
<i>Ematurga amitaria</i>	Alger: Laughing Fish Point Bog	04-Jun-11		KEJ
<i>Anacamptodes vellivolata</i>	Alger: Ready Lake Barrens	28-May-11		KEJ
<i>Iridopsis vellivolata</i>	Alger: Ready Lake Barrens	28-May-11		KEJ
<i>Cleora projecta</i>	Chippewa: Trout Lake Peatlands	31-May-11		KEJ
<i>Eufidonia discospilata</i>	Alger: Laughing Fish Point Bog	29-May-11	04-Jun-11	KEJ
<i>Eufidonia discospilata</i>	Delta: Poplar Lake Bog	30-May-11		KEJ
<i>Eufidonia discospilata</i>	Luce: Sleeper Lake Peatlands	31-May-11		KEJ
<i>Eufidonia discospilata</i>	Mackinac: Gould City & Upper Caffey Corner bogs	01-Jun-11		KEJ
<i>Phigalia strigataria</i>	Berrien: New Buffalo Welcome Center	17-Mar-11		KEJ
<i>Lomographa glomeraria</i>	Alger: Ready Lake Barrens	28-May-11		KEJ
<i>Lomographa semiclarata</i>	Alger: Sixteenmile Lake	28-May-11		KEJ
<i>Lomographa semiclarata</i>	Mackinac: Hendricks Quarry	31-May-11		KEJ
<i>Euchlaena johnsonaria</i>	Marquette: Perch Lake Barrens	12-Jul-11		KEJ
<i>Ennomos magnaria</i>	Keweenaw: Logging Road 1.4 mi. NW of Gay	27-Sep-11		LAF
<i>Epirranthis substriataria</i>	Alger: Ready Lake Barrens	28-May-11		KEJ
<i>Tacparia atropunctata</i>	Luce: Wanamaker Lake Peatlands	30-May-11		KEJ
<i>Selenia alciphearia</i>	Luce: Wanamaker Lake Peatlands	30-May-11		KEJ
<i>Selenia kentaria</i>	Alger: Ready Lake Barrens	28-May-11		KEJ
<i>Caripeta angustiorata</i>	Marquette: Perch Lake Barrens	12-Jul-11		KEJ
<i>Hethemia pistasciaria</i>	Delta: Poplar Lake Bog	30-May-11		KEJ
<i>Hethemia pistasciaria</i>	Luce: Wanamaker Lake Peatlands	30-May-11		KEJ
<i>Hethemia pistasciaria</i>	Mackinac: Gould City & Upper Caffey Corner bogs	01-Jun-11		KEJ
<i>Hethemia pistasciaria</i>	Marquette: Cyr Swamp	02-Jun-11		KEJ
<i>Mesothea incertata</i>	Delta: Lower Farm Lake Bog & Middle Ogontz Peatlands	27-May-11		KEJ
<i>Mesothea incertata</i>	Alger: Laughing Fish Point Bog & Read Lake Barrens	28-May-11	04-Jun-11	KEJ
<i>Mesothea incertata</i> also DRB	Luce: Tahquamenon River & Wanamaker Lake Peatlands	31-May-11		KEJ
<i>Mesothea incertata</i>	Mackinac: Gould City Bog	01-Jun-11		KEJ
<i>Mesothea incertata</i> also DRB	Marquette: Cyr Swamp, Little Lake, & McFarland Bog	02-Jun-11		KEJ
<i>Dysstroma brunneata</i>	Marquette: McFarland Bog & Perch Lake Barrens	12-Jul-11	14-Jul-11	KEJ
<i>Hydriomena divisaria</i>	Luce: Wanamaker Lake Peatlands	30-May-11		KEJ
<i>Hydriomena perfracta</i>	Alger: Ready Lake Barrens	28-May-11		KEJ
<i>Triphosa haesitata</i>	Luce: Wanamaker Lake Peatlands	30-May-11		KEJ
<i>Anticlea vasiliata</i>	Alger: Ready Lake Barrens	28-May-11		KEJ
<i>Venusia comptaria</i>	Marquette: McFarland Bog	02-Jun-11		KEJ

Eupithecia ravocostaliata	Marquette: McFarland Bog	02-Jun-11		KEJ
Acasis viridata	Luce: Wanamaker Lake Peatlands	30-May-11		KEJ
LASIOCAMPIDAE				
Malacosoma californicum pluviale	Keweenaw: Traverse Bay Rd. Bog	28-Jul-11		LAF
Malacosoma californicum pluviale	Houghton: Big Traverse Bay Bog/Dunes	28-Jul-11		LAF
SATURNIIDAE				
Hyalophora columbia cocoon attached to Larix laricina	Mackinac: Gould City Bog	01-Jun-11		KEJ
SPHINGIDAE				
Ceratonia undulosa	Keweenaw: Bog NE of Deer Lake	15-Jun-11		LAF
Sphinx drupiferarum	KEWEENAW: Point Isabelle Bog	15-Jun-11		LAF
Sphinx kalmiae	Keweenaw: Point Isabelle Bog	15-Jun-11		LAF
Lapara bombycoides	Keweenaw: Brockway Mountain Opening	06-Jun-11		LAF
Amorpha juglandis	Keweenaw: Great Sand Bay (dunes)	15-Jun-11		LAF
NOTODONTIDAE				
Notodonta simplaria	Keweenaw: Brockway Mountain Opening & Traverse Bay Rd. Bog	06-Jun-11	28-Jul-11	LAF
Gluphisia avimacula	Alger: Ready Lake Barrens	28-May-11		KEJ
NOCTUIDAE				
Lateroligia ophiogramma	Keweenaw: Traverse Bay Rd. Bog	28-Jul-11		LAF
Drasteria adumbrata	Marquette: Perch Lake Barrens & McFarland Bog	13-Jul-11	02-Sep-11	KEJ
Mocis latipes At Banana/Sugar Bait	KEWEENAW: Eagle River (Crestview Trail)	11-Oct-11		GJB
Zale aeruginosa	Alger: Ready Lake Barrens	28-May-11		KEJ
Zale aeruginosa	Luce: Wanamaker Lake Peatlands	30-May-11		KEJ
Zale duplicata	Alger: Ready Lake Barrens & Sixteenmile Lake	28-May-11	05-Jun-11	KEJ
Zale horrida	Luce: Wanamaker Lake Peatlands	30-May-11		KEJ
Zale lunata Bait Trap	Keweenaw: Brockway Mountain Opening	03-Oct-11		LAF
Zale lunifera	Alger: Ready Lake Barrens	28-May-11		KEJ
Zale minerea	Alger: Ready Lake Barrens & Sixteenmile Lake	28-May-11	05-Jun-11	KEJ
Zale obliqua also LAF	Keweenaw: Great Sand Bay (dunes)	06-Jun-11	15-Jun-11	GJB
Catocala badia coelebs Bait Trap	Keweenaw: Mohawk-Gay Rd. E of Camp Creek	22-Aug-11		LAF
Catocala blandula	Keweenaw: Eagle River (Ferge backyard)	10-Aug-11		LAF
Catocala briseis	Otsego: Old State Rd. & Chub Lake Rd.	20-Sep-11		JP5
Catocala cerogama	Mackinac: Milakokia Lake	28-Aug-11		KEJ
Catocala semirelict Bait Trap	Keweenaw: Ojibway Road	15-Aug-11		LAF
Catocala semirelict	Delta: Brampton	01-Sep-11	02-Sep-11	KEJ
Catocala semirelict	Otsego: Old State Rd. & Chub Lake Rd.	20-Sep-11		JP5
Pseudoplusia includens	Keweenaw: Logging Road 1.4 mi. NW of Gay	27-Sep-11		LAF
Syngnapha microgamma nearctica	Keweenaw: Point Isabelle Bog and Bog NE of Deer Lake	15-Jun-11		LAF
Syngnapha microgamma nearctica very late date	Marquette: Republic Bog	13-Jul-11		KEJ
Plusia putnami	Marquette: Perch Lake Barrens	12-Jul-11		KEJ
Maliattha concinnimacula 4 specimens at UV light	Keweenaw: Brockway Mountain Opening	06-Jun-11		LAF
Acronicta quadrata	Keweenaw: Great Sand Bay (dunes)	06-Jun-11		GJB
Sympistis riparia	MARQUETTE: Perch Lake Barrens	12-Jul-11		KEJ
Brachionycha borealis also ETH	Otsego: Old State Rd. & Chub Lake Rd.	29-May-11		MCN
Feralia comstocki	Alger: Ready Lake Barrens & Sixteenmile Lake	28-May-11	02-Jun-11	KEJ
Feralia jocosa also ETH	Otsego: Old State Rd. & Chub Lake Rd.	29-May-11		MCN
Pyrrhia exprimens	Keweenaw: Logging Road 1.4 mi. NW of Gay	28-Jul-11		LAF
Heliothis virescens at rotten banana peel	KEWEENAW: Eagle River (Ferge backyard)	12-Oct-11		LAF
Schinia florida	Keweenaw: Logging Road 1.4 mi. NW of Gay	28-Jul-11		LAF
Spodoptera ornithogalli Bait Trap	KEWEENAW: Logging Road 1.4 mi. NW of Gay	09-Oct-11		LAF
Elaphria alapallida	Luce: Wanamaker Lake Peatlands	30-May-11		KEJ
Meropleon ambifuscum	DELTA: Rapid River Barrens	31-Aug-11		KEJ
Meropleon diversicolor	Otsego: Old State Rd. & Chub Lake Rd.	20-Sep-11		ETH
Lemmeria digitalis	Otsego: Old State Rd. & Chub Lake Rd.	20-Sep-11		ETH
Lemmeria digitalis	Keweenaw: Logging Road 1.4 mi. NW of Gay	27-Sep-11		LAF
Lemmeria digitalis	Houghton: Wetland 1.8 mi. N of Calumet	27-Sep-11		LAF

<i>Chortodes basistriga</i>	ALGER: Christmas Fen	30-Aug-11		KEJ
<i>Chortodes basistriga</i>	DELTA: Ogontz Marsh	31-Aug-11		KEJ
<i>Chortodes inquinata</i>	Keweenaw: Traverse Bay Rd. Bog	28-Jul-11		LAF
<i>Chortodes inquinata</i>	Houghton: Big Traverse Rd. Bog/Dunes	28-Jul-11		LAF
<i>Macronoctua onusta</i>	Houghton: Big Traverse Rd. Bog/Dunes	27-Sep-11		LAF
<i>Papaipema appassionata</i> abundant	Alger: Christmas Fen	30-Aug-11		KEJ
<i>Papaipema appassionata</i>	Marquette: McFarland Bog	01-Sep-11		KEJ
<i>Papaipema appassionata</i>	Houghton: Big Traverse Rd. Bog/Dunes	27-Sep-11		LAF
<i>Papaipema beeriana</i> also MCN	Otsego: Old State Rd. & Turtle Lake Rd.	20-Sep-11		MCN
<i>Papaipema eupatorii</i>	HOUGHTON: Wetland 1.8 mi. N of Calumet	27-Sep-11		LAF
<i>Papaipema impecuniosa</i>	HOUGHTON: Big Traverse Rd. Bog/Dunes	27-Sep-11		LAF
<i>Papaipema impecuniosa</i>	KEWEENAW: Logging Road 1.4 mi. NW of Gay	27-Sep-11		LAF
<i>Papaipema inquaesita</i>	HOUGHTON: Wetland 1.8 mi. N of Calumet	27-Sep-11		LAF
<i>Papaipema inquaesita</i>	Keweenaw: Logging Road 1.4 mi. NW of Gay	27-Sep-11		LAF
<i>Papaipema lysimachiae</i>	Otsego: Old State Rd. & Chub Lake Rd.	20-Sep-11		ETH
<i>Papaipema lysimachiae</i>	HOUGHTON: Wetland 1.8 mi. N of Calumet	27-Sep-11		LAF
<i>Papaipema nepheleptena</i>	HOUGHTON: Wetland 1.8 mi. N of Calumet	27-Sep-11		LAF
<i>Papaipema pterisii</i>	Otsego: Old State Rd. & Chub Lake Rd.	20-Sep-11		ETH
<i>Papaipema silphii</i> common	Monroe: Petersburg SGA	04-Oct-11	07-Oct-11	DRB
<i>Papaipema unimoda</i> at bait	Houghton: Osceola Ribbed Fen	12-Oct-11		KEJ
<i>Hydraecia stramentosa</i>	KEWEENAW: Logging Road 1.4 mi. NW of Gay	27-Sep-11		LAF
<i>Xylena nupera</i>	Keweenaw: Five Mile Point to Point Isabelle	08-Oct-11	12-Oct-11	KEJ
<i>Xylena nupera</i>	Houghton: Osceola Ribbed Fen	12-Oct-11		KEJ
<i>Xylena thoracica</i> also GJB	KEWEENAW: Eagle River	10-Oct-11		KEJ
<i>Litholomia napaea</i>	Alger: Ready Lake Barrens	28-May-11		KEJ
<i>Lithophane antennata</i>	Houghton: Wetland 1.8 mi. N of Calumet	27-Sep-11		LAF
<i>Lithophane baileyi</i>	Keweenaw: Eagle River (Ferge backyard)	18-May-11		LAF
<i>Lithophane baileyi</i>	Houghton: Wetland 1.8 mi. N of Calumet	27-Sep-11		LAF
<i>Lithophane baileyi</i>	Keweenaw: 3 sites from Five Mile Point to Point Isabelle	08-Oct-11	12-Oct-11	KEJ
<i>Lithophane fagina</i>	Alger: Sixteenmile Lake	04-Jun-11		KEJ
<i>Lithophane fagina</i> also ETH	Otsego: Old State Rd. & Chub Lake Rd.	20-Sep-11		MCN
<i>Lithophane fagina</i>	Houghton: Osceola Ribbed Fen	12-Oct-11		KEJ
<i>Lithophane georgii</i>	Keweenaw: Eagle River	08-Oct-11	09-Oct-11	KEJ
<i>Lithophane groti</i>	St. Joseph: Three Rivers SGA	19-Mar-11		KEJ
<i>Lithophane patefacta</i>	Keweenaw: Eagle River	08-Oct-11	09-Oct-11	KEJ
<i>Lithophane patefacta</i> Bait Trap	Keweenaw: Mohawk-Gay Rd. E of Camp Creek	09-Oct-11		LAF
<i>Lithophane patefacta</i>	Houghton: Osceola Ribbed Fen	12-Oct-11		KEJ
<i>Lithophane pexata</i>	Marquette: McFarland Bog	02-Jun-11		KEJ
<i>Lithophane pexata</i>	Otsego: Old State Rd. & Chub Lake Rd.	20-Sep-11		ETH
<i>Lithophane semiusta</i>	Houghton: Osceola Ribbed Fen	12-Oct-11		KEJ
<i>Lithophane tepida</i>	Houghton: Wetland 1.8 mi. N of Calumet	27-Sep-11		LAF
<i>Lithophane tepida</i>	KEWEENAW: 4 sites from Five Mile Point to Point Isabelle	08-Oct-11	12-Oct-11	KEJ
<i>Lithophane thaxteri</i>	Keweenaw: Eagle River and Lac La Belle Peatlands	09-Oct-11	12-Oct-11	KEJ
<i>Eupsilia devia</i>	KEWEENAW: Eagle River and Point Isabelle	10-Oct-11	12-Oct-11	KEJ
<i>Eupsilia devia</i>	Houghton: Osceola Ribbed Fen	12-Oct-11		KEJ
<i>Eupsilia morrisoni</i>	St. Joseph: Three Rivers SGA	19-Mar-11		KEJ
<i>Eupsilia morrisoni</i>	KEWEENAW: E of Jacobs Falls	27-Sep-11		LAF
<i>Eupsilia tristigmata</i>	Houghton: Osceola Ribbed Fen	12-Oct-11		KEJ
<i>Metaxaglaea inulta</i>	Mackinac: Milakokia Lake	28-Aug-11		KEJ
<i>Epiglaea apiata</i>	Houghton: Big Traverse Rd. Bog/Dunes	27-Sep-11		LAF
<i>Chaetoglaea sericea</i>	HOUGHTON: Big Traverse Rd. Bog/Dunes & E of Rice Lake	27-Sep-11	11-Oct-11	LAF
<i>Brachylomia discinigra</i>	MARQUETTE: McFarland Bog	01-Sep-11		KEJ
Previously unreported from MI although 2 specimens previously collected/determined by Mo Nielsen Otsego Co in 1970's				
<i>Fishia enthea</i> also MCN	Otsego: Old State Rd. & Turtle Lake Rd.	21-Sep-11		MCN
<i>Orthosia revicta</i>	Alger: Ready Lake Barrens	28-May-11		KEJ
<i>Orthosia segregata</i>	Keweenaw: Agate Harbor	06-Jun-11		LAF
<i>Sideridis maryx</i>	Keweenaw: Brockway Mountain Opening	06-Jun-11		LAF

<i>Polia detracta</i>	Marquette: Perch Lake Barrens	12-Jul-11	KEJ
<i>Melanchra pulverulenta</i>	Keweenaw: Point Isabelle Bog	15-Jun-11	LAF
<i>Melanchra pulverulenta</i>	DELTA: Ogontz Marsh	09-Jul-11	KEJ
<i>Melanchra pulverulenta</i>	Marquette: Perch Lake Barrens	12-Jul-11	KEJ
<i>Lacanobia nevadae</i>	Keweenaw: Point Isabelle Bog	15-Jun-11	LAF
<i>Lacanobia radix</i>	Keweenaw: Brockway Mountain Opening	06-Jun-11	LAF
<i>Trichordestra tacoma</i>	Alger: Ready Lake Barrens	28-May-11	KEJ
<i>Trichordestra tacoma</i>	Keweenaw: Brockway Mountain Opening	06-Jun-11	LAF
<i>Papestra quadrata</i>	Alger: Ready Lake Barrens	28-May-11	KEJ
<i>Papestra quadrata</i>	Chippewa: Trout Lake Peatlands	31-May-11	KEJ
<i>Papestra quadrata</i>	Keweenaw: Bog NE of Deer Lake	15-Jun-11	LAF
<i>Coranarta luteola</i>	DELTA: Pole Creek Lake Bog	30-May-11	04-Jun-11 KEJ
also DRB; 70+ males flying fast/erratically during early evening			
<i>Coranarta luteola</i>	Marquette: McFarland Bog	02-Jun-11	KEJ
<i>Lacinipolia anguina</i>	Chippewa: Trout Lake Peatlands: USFS 3344 Section	31-May-11	KEJ
<i>Lacinipolia lustralis</i>	Marquette: Perch Lake Barrens	12-Jul-11	KEJ
<i>Ulolonche modesta</i>	Luce: Wanamaker Lake Peatlands	30-May-11	KEJ
<i>Ulolonche modesta</i>	Marquette: McFarland Bog	02-Jun-11	KEJ
<i>Euxoa comosa ontario</i>	Keweenaw: Trail 1 mi. N of Gratiot R. on Hwy. 41	07-Aug-11	LAF
Bait Trap			
<i>Euxoa ochrogaster</i>	Keweenaw: Traverse Bay Rd. Bog	28-Jul-11	LAF
<i>Euxoa quebecensis</i>	Keweenaw: Great Sand Bay (dunes) & Bog NE of Deer Lake	06-Jun-11	15-Jun-11 GJB
also LAF			
<i>Feltia tricolor</i>	KEWEENAW: Traverse Bay Rd. Bog	28-Jul-11	LAF
<i>Cerastis fishii</i>	Luce: Wanamaker Lake Peatlands	30-May-11	KEJ
<i>Hemipachnobia monochromatea</i>	Chippewa: Trout Lake Peatlands	31-May-11	KEJ
<i>Xestia oblata</i>	DELTA: Ogontz Marsh	09-Jul-11	KEJ
EREBIDAE			
<i>Holomelina ferruginosa</i>	Marquette: Perch Lake Barrens	12-Jul-11	KEJ
<i>Holomelina lamae</i>	Marquette: McFarland Bog	14-Jul-11	KEJ
<i>Grammia williamsii</i>	Houghton: Big Traverse Rd. Bog/Dunes	28-Jul-11	LAF
<i>Arctia caja americana</i>	Keweenaw: Logging Road 1.4 mi. NW of Gay	28-Jul-11	LAF
<i>Spilosoma dubia</i>	Chippewa: Trout Lake Peatlands: USFS 3344 Section	31-May-11	KEJ
NOLIDAE			
<i>Nycteola frigidana</i>	KEWEENAW: Agate Harbor & Brockway Mountain Opening	06-Jun-11	LAF

MINNESOTA

Johnson reported that spring was much delayed compared to 2010, perhaps close to a historical "normal" spring. Many wetlands were unusually dry throughout the season. Warm weather continued late into the season. Early October in particular was extremely warm, which resulted in excellent bait collecting, especially for Lithophane; 14-16 species were collected at Norris Camp in early October (some ID's pending). The extensive Pagami Creek fire should present interesting sampling and other research opportunities. Much of the field work by KEJ was supported by the MN-DNR County Biological Survey (MCBS). Many catches (esp. western prairies) are not yet ready for reporting but contain many interesting records. MacLean reported that weather across Minnesota in the spring and summer of 2011 ranged from a cool wet spring and early summer followed by (depending on what part of the state) a warm-hot, wet or dry mid to late summer. May and June in Cook County and much of northeastern Minnesota were cool and wet, delaying the emergence of most species. Summer was warm and dry. Skippers such as *Erynnis icelus*, *Carterocephalus palaemon*, *Polites themistocles* and *Poanes hobomok* were less common than most years and *Thymelicus lineola* continued to be the most common species. *Papilio canadensis* emerged one to two weeks later than normal but numbers were near average. Very large numbers of whites were observed from mid August to mid September that consisted mainly of *Pieris rapae* but also included *Pontia occidentalis*, the first time this species has been recorded from Cook County since 2006. A photograph and other reports of *P. occidentalis* were reported from St. Louis County (Norma Malinowski and Jim Phillips, pers. comm.). *Euchloe ausonides* was found in late May in northern Cook County near its larval host plant *Arabis glabra*. *Colias philodice*, not seen until mid August, was common through September and was observed as late as early October. However, *Colias eurytheme* was not seen at all. *Plebejus saepiolus* was less common in 2011 than 2010 but *Lycaeides idas nabokovi* was locally common near its larval host plant *Vaccinium cespitosum*. 2011 also saw larger than average numbers of *Aglais milberti* and *Nymphalis antiopa* and the largest numbers of *Nymphalis l-album j-album* since the early 2000s. Only one specimen of *Vanessa virginiensis*, common in some years, was seen in late June. Unlike 2010, a year in which *Vanessa atalanta* was very common, only a single specimen was seen on 27 August, 2011. *Danaus plexippus* arrived one to two weeks later than average and only two specimens were seen in late May and June. Barta surveyed extensively in Cass County, and found *Pieris rapae*, *Polygonia interrogationis*, comma, and progne, *Aglais milberti* and *Limenitis arthemis arthemis* in large numbers. Only one *Vanessa atalanta* was seen all summer.

Butterflies

HESPERIIDAE

<i>Epargyreus clarus</i>	Cass: Oak Point	15-Jul-11	ASB
nectaring on thistle			
<i>Erynnis baptisiae</i>	Nicollet: North Mankato	28-Jul-11	KEJ
<i>Erynnis icelus</i>	Cook: Junco Creek Rd. near Binagami Lk. off FR 154	01-Jun-07	DBM
fewer than most years			
<i>Erynnis juvenalis</i>	St. Louis: Range Line Creek	24-Jun-11	KEJ
<i>Erynnis juvenalis</i>	Cass: Oak Point	27-Jun-11	ASB
nectaring on thistle			

Erynnis lucilius significant northern record for MN	LAKE: Rookie Pond & S of Snowbank Lake	07-Aug-11		KEJ
Carterocephalus palaemon mandan	Cook: Co. Rd. 12, Rd. to Elbow Lk., FR 304	14-Jun-07		DBM
Carterocephalus palaemon mandan fairly common in some peatland habitats	Lake: numerous peatlands across county	12-Jun-11	14-Jun-11	KEJ
Ancyloxypha numitor	Cass: Oak Point	14-Jul-11		ASB
Thymelicus lineola	Cook: Junco Creek Rd. near Binagami Lk. off FR 154	10-Jul-07		DBM
Thymelicus lineola large outbreak, "millions" seen	Cass: Bemidji	06-Jul-11		ASB
Hesperia comma	Cook: FR 152 & FR 158 n of int. with CO Rd. 57	26-Aug-07		DBM
Hesperia sassacus	St. Louis: numerous sites across northern part of county	13-Jun-11	25-Jun-11	KEJ
Polites themistocles fewer than most years	Cook: Junco Creek Rd. near Binagami Lk. off FR 154	10-Jul-07		DBM
Pompeius verna nectaring on thistle	Cass: Oak Point	16-Jul-11	21-Jul-11	ASB
Poanes hobomok fewer than most years	Cook: Junco Creek Rd. near Binagami Lk. off FR 154	10-Jul-07		DBM
Poanes hobomok Six individuals	Scott: Minnesota Valley NWR - Louisville Swamp Unit	04-Jun-11		TJ
Poanes hobomok nectaring on thistle	Cass: Oak Point	05-Jul-11		ASB
Euphyes bimacula	CASS: Woodrow Twp.	29-Jun-11		JWJ
Euphyes dion nectaring on thistle	Cass: Oak Point	21-Jul-11		ASB
PAPILIONIDAE				
Papilio canadensis	Cook: FR 154 (Pine Mt Rd) Junco Crk Rd near Binagami Lk	01-Jun-07	10-Jul-07	DBM
Papilio canadensis	Cass: Oak Point	15-Jun-11	29-Jun-11	ASB
Papilio crespontes	Anoka: Carlos Avery State Wildlife Management Area	24-Jul-11		PR
Papilio polyxenes	Cass: Oak Point	25-Jul-11	20-Aug-11	ASB
PIERIDAE				
Pontia occidentalis also P. & J. Thomas, 15-20 seen on 3 Sep. 2011	Cook: FR 154 (Pine Mt Rd) Junco Crk Rd near Binagami Lk	25-Aug-07	05-Sep-07	DBM
Pontia occidentalis	Cass: Oak Point	28-Aug-11		ASB
Pontia occidentalis	Cook: Lima Grade	08-Sep-11		KEJ
Pieris oleracea	Cass: Oak Point	05-Jul-11	10-Sep-11	ASB
Pieris rapae also P. & J. Thomas	Cook: Many localities in county	11-Aug-07	02-Sep-07	DBM
Pieris rapae huge emergence on 11 August, thousands seen in Cass and neighboring counties	Cass: Cass Lake, Oak Point	04-Jul-11	25-Aug-11	ASB
Euchloe ausonides nectaring on Arabis glabra	Cook: 1/2 m. s. USFS Sea Gull LK. Grd. Sta. Co. Rd. 12	24-May-07		DBM
Euchloe olympia	Hubbard: Mantrap & Nevis Twps.	11-May-11		JWJ
Colias eurytheme	Cass: Hwy 371 swamp, Oak Point	05-Aug-11	24-Sep-11	ASB
Colias interior	Cook: Junco Creek Rd. near Binagami Lk. off FR 154	10-Jul-07		DBM
Colias philodice	Cook: several localities in county	16-Aug-07	05-Sep-07	DBM
Colias philodice	Hubbard: Mantrap & Akely Twps.	26-May-11	21-Oct-11	JWJ
Colias philodice	Cass: Hwy 371 swamp, Oak Point	29-Jul-11	20-Oct-11	ASB
LYCAENIDAE				
Feniseca tarquinius	Hubbard: Mantrap Twp.	25-May-01	19-Aug-11	JWJ
Feniseca tarquinius	Lake: Sand Lake Peatland	12-Jun-11		KEJ
Feniseca tarquinius	St. Louis: Hunting Shack River	24-Jun-11		KEJ
Feniseca tarquinius	Cass: Oak Point	16-Jul-11	27-Jul-11	ASB
Lycaena phlaeas	Hubbard: Nevis Twp.	04-Jun-11	26-Sep-11	JWJ
Lycaena phlaeas	Cass: Cass Lake, swamp edge	24-Jul-11		ASB
Satyrium acadica	Cass: Oak Point	01-Jul-11		ASB
Satyrium calanus falacer	Cass: Oak Point	03-Aug-11		ASB
Satyrium titus	Cass: Oak Point	15-Jul-11		ASB
Callophrys eryphon worn	St. Louis: North Chorus Lake & Astrid Creek areas	13-Jun-11	24-Jun-11	KEJ
Callophrys nippon clarki	Hubbard: Mantrap Twp.	11-May-11	09-Jun-11	JWJ
Cupido comyntas	Hubbard: Mantrap Twp.	26-May-11	12-Sep-11	JWJ
Cupido comyntas	St. Louis: Soudan Underground Mine State Park	25-Jun-11		KEJ
Cupido comyntas	Cass: Oak Point	13-Jul-11	08-Sep-11	ASB
Glaucopteryx lygdamus couperi	Hubbard: Mantrap & Akely Twps.	15-May-11	13-Jun-11	JWJ
Glaucopteryx lygdamus couperi One worn individual	Scott: Minnesota Valley NWR - Louisville Swamp Unit	04-Jun-11		TJ
Plebejus saepiolus	Cook: Junco Creek Rd. near Binagami Lk. off FR 154	10-Jul-07		DBM

<i>Plebejus saepiolus</i>	St. Louis: Soudan	25-Jun-11		KEJ
NYMPHALIDAE				
<i>Danaus plexippus</i> first of season seen later than most years	Cook: Many localities in county	28-May-07	28-Aug-07	DBM
<i>Danaus plexippus</i>	Hubbard: Mantrap & Akely Twps.	01-Jun-11	22-Oct-11	JWJ
<i>Danaus plexippus</i> migrations observed Aug. 19 & 25 August 2011	Cass: Hwy 371 swamp, Oak Point	05-Jul-11	27-Sep-11	ASB
<i>Lethe anthedon</i>	Cook: Junco Creek Rd. near Binagami Lk. off FR 154	10-Jul-07		DBM
<i>Lethe anthedon</i>	Cass: Oak Point	27-Jun-11	09-Jul-11	ASB
<i>Lethe eurydice</i>	Cass: Oak Point	19-Jun-11	05-Aug-11	ASB
<i>Coenonympha tullia inornata</i>	Cook: Junco Creek Rd. near Binagami Lk. off FR 154	10-Jul-07		DBM
<i>Coenonympha tullia inornata</i> Six individuals	Scott: Minnesota Valley NWR - Louisville Swamp Unit	04-Jun-11		TJ
<i>Coenonympha tullia inornata</i> on daisies	Cass: Oak Point	07-Jul-11	13-Jul-11	ASB
<i>Cercyonis pegala</i> nectaring on black-eyed susan, and thistle	Cass: Hwy 371, Oak Point	12-Jul-11	26-Jul-11	ASB
<i>Erebia discoidalis</i>	Cook: logging trail near Binigami Lake	26-May-07		DBM
<i>Erebia mancinus</i> 2 new sites; apparently absent from Border Lakes region in Lake & St. Louis counties in odd number years	Lake: 5 sites across county from Upland LK to Spruce Lk	12-Jun-11	28-Jun-11	KEJ
<i>Megisto cymela</i>	Hubbard: Mantrap Twp.	11-Jun-11	10-Jul-11	JWJ
<i>Oeneis jutta ascerta</i> ubiquitous in forested peatland both even and odd number years	Lake: 10 sites across county	12-Jun-11	29-Jun-11	KEJ
<i>Oeneis jutta ascerta</i>	St. Louis: 5 sites across county	13-Jun-11	28-Jun-11	KEJ
<i>Euptoieta claudia</i>	Cass: Oak Point	25-Jul-11	20-Aug-11	ASB
<i>Speyeria aphrodite</i>	Cook: FR 315 (Lima Grade) N of intersection with FR 152	17-Aug-07		DBM
<i>Speyeria aphrodite</i>	Cass: Oak Point	20-Aug-11		ASB
<i>Speyeria atlantis</i> also P. & J. Thomas	Cook: FR 152, FR 158, FR 304, FR 315	10-Jul-07	02-Sep-07	DBM
<i>Speyeria atlantis</i> 66 day flight, longest seen in 17 years	Hubbard: Mantrap Twp.	29-Jun-11	02-Sep-11	JWJ
<i>Speyeria atlantis</i>	Cass: Oak Point	09-Jul-11	24-Aug-11	ASB
<i>Speyeria cybele</i>	Cook: Junco Crk Rd near Binagami Lk. & Devil Track Lk	10-Jul-07	24-Aug-07	DBM
<i>Speyeria cybele</i>	Cass: Hwy. 371 boat access & Oak Point	05-Jul-11	05-Sep-11	ASB
<i>Speyeria idalia</i> abundant	Swift: Chippewa Prairie	28-Jul-11	29-Jul-11	KEJ
<i>Speyeria idalia</i> abundant	Chippewa: Chippewa Prairie	28-Jul-11	29-Jul-11	KEJ
<i>Speyeria idalia</i>	Lac Qui Parle: Plover Prairie	29-Jul-11		KEJ
<i>Boloria selene</i>	Cook: FR 315 (Lima Grade) 0.5 m s. of FR 152	17-Aug-07		DBM
<i>Boloria selene atrocotalis</i> mating pair observed	Lake: Inga Creek Peatlands	14-Jun-11		KEJ
<i>Boloria selene</i>	Hubbard: Akely Twp.	28-Jun-11	05-Sep-11	JWJ
<i>Boloria selene</i>	Cass: Hwy. 371 swamp & boat access	05-Aug-11		ASB
<i>Boloria chariclea</i>	Cook: Logging trail off Junco Creek Rd.	30-Jul-07		DBM
<i>Boloria chariclea grandis</i> not found in Border Lakes region of northern St. Louis and Lake counties	St. Louis: 5 sites from Babbitt to Cook	08-Aug-11	21-Aug-11	KEJ
<i>Boloria eunomia dawsoni</i>	Lake: 4 sites across county	17-Jun-11	29-Jun-11	KEJ
<i>Boloria eunomia dawsoni</i>	St. Louis: Cadotte Lake Muskeg	28-Jun-11		KEJ
<i>Boloria freija</i>	Cook: Cook Co. Rd 3 near Plouff Crk. Wetlands	01-Jun-07		DBM
<i>Boloria freija</i>	Lake: 3 sites across county	12-Jun-11	17-Jun-11	KEJ
<i>Boloria freija</i>	St. Louis: Chorus Lake Bog	13-Jun-11		KEJ
<i>Boloria frigga saga</i>	Lake: 4 sites across county	12-Jun-11	17-Jun-11	KEJ
<i>Boloria frigga saga</i> late in flight period	St. Louis: North Chorus Lake Bog	13-Jun-11		KEJ
<i>Limnitis archippus</i> populations much reduced from previous seasons	Hubbard: Mantrap Twp.	24-Jun-11	06-Sep-11	JWJ
<i>Limnitis archippus</i> nectaring on milkweed	Cass: Hwy. 371 swamp, Oak Point	31-Jul-11	08-Sep-11	ASB
<i>Limnitis arthemis</i> also P. & J. Thomas	Cook: Many localities in county	10-Jul-07	05-Sep-07	DBM
<i>Limnitis arthemis</i> greatest abundance seen in 17 years	Hubbard: Mantrap Twp.	16-Jun-11	11-Sep-11	JWJ
<i>Limnitis arthemis</i> large numbers	Cass: Cass Lake, Oak Point	19-Jun-11	02-Sep-11	ASB
<i>Limnitis arthemis</i> very late date	Lake: Lake One	26-Sep-11		KEJ
<i>Vanessa atalanta</i>	Cook: FR 304 off Co. Rd 12	26-Aug-07		DBM

<i>Vanessa atalanta</i>	Cass: Oak Point	24-Sep-11		ASB
<i>Vanessa virginensis</i> female ovipositing on <i>Anaphalis margaritacea</i>	Cook: 76 Walter Rd. (Devil Track Lk.)	21-Jun-07		DBM
<i>Vanessa virginensis</i>	Cass: Oak Point	03-Aug-11		ASB
<i>Aglais milberti</i> also P. & J. Thomas	Cook: Many localities in county	06-Aug-07	05-Sep-07	DBM
<i>Aglais milberti</i> nectaring on thistles, milkweed, asters and Joe-Pye weed	Cass: Cass Lake, Oak Point	07-Jul-11	27-Sep-11	ASB
<i>Nymphalis antiopa</i> also P. & J. Thomas	Cook: Many localities in county	10-Jul-07		DBM
<i>Nymphalis antiopa</i>	Hubbard: Mantrap & Akely Twps.	08-Apr-11	05-Nov-11	JWJ
<i>Nymphalis antiopa</i>	Cass: Oak Point	19-Jun-11	27-Aug-11	ASB
<i>Nymphalis l-album</i> also P. & J. Thomas	Cook: West end of FR 154 (Pine Mtn.) to Junco Crk. Rd.	30-Jul-07	02-Sep-07	DBM
<i>Nymphalis l-album</i>	Hubbard: Mantrap Twp.	06-Apr-11	06-Oct-11	JWJ
<i>Nymphalis l-album</i> large emergence on 19 July 2011	Cass: Oak Point	16-Jul-11	27-Sep-11	ASB
<i>Polygonia comma</i>	Hubbard: Mantrap Twp.	11-Apr-11	22-Oct-11	JWJ
<i>Polygonia comma</i>	Cass: Oak Point	26-Jul-11	26-Sep-11	ASB
<i>Polygonia faunus</i>	Cook: several localities in county	10-Jul-07	26-Aug-07	DBM
<i>Polygonia faunus</i>	St. Louis: North Chorus Lake Uplands	13-Jun-11		KEJ
<i>Polygonia interrogationis</i>	Cass: Oak Point	26-Jul-11	01-Sep-11	ASB
<i>Polygonia progne</i>	Hubbard: Mantrap Twp.	29-Apr-11	06-Oct-11	JWJ
<i>Polygonia progne</i>	Cass: Hwy. 371 swamp, Oak Point	29-Jun-11	14-Oct-11	ASB
<i>Junonia coenia</i> nectaring on black-eyed susan, goldenrods, Labrador tea and yarrow	Cass: Oak Point	08-Jul-11	28-Aug-11	ASB
<i>Chlosyne harrisii</i>	St. Louis: Soudan	25-Jun-11		KEJ
<i>Chlosyne nycteis</i> nectaring on black-eyed susan	Cass: Oak Point	02-Jul-11		ASB
<i>Phyciodes cocyta</i> nectaring on black-eyed susans	Cass: Oak Point	01-Jul-11	05-Aug-11	ASB

Moths

TINEIDAE

<i>Monopis marginistrigella</i>	LAKE: Snowbank Lake Bog	24-Jun-11		KEJ
<i>Monopis marginistrigella</i>	S. LOUIS: Soudan Underground Mine State Park	25-Jun-11		KEJ

OECOPHORIDAE

<i>Antaetricha leucillana</i>	Lake: Snowbank Lake Bog	24-Jun-11		KEJ
<i>Polix coloradella</i>	St. Louis: Soudan Underground Mine State Park	25-Jun-11		KEJ
<i>Psilocorsis reflexella</i>	St. Louis: Soudan Underground Mine State Park	25-Jun-11		KEJ

ELACHISTIDAE

<i>Agonopterix walsinghamella</i>	S. LOUIS: Echo Trail	25-Sep-11	27-Sep-11	KEJ
<i>Bibarrambla allenella</i>	Lake: Sand Lake & Snowbank Lake areas	17-Jun-11	24-Jun-11	KEJ

GELECHIIDAE

<i>Dichomeris bilobella</i>	Marshall: Agassiz NWR	04-Aug-11		KEJ
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COSMOPTERIGIDAE

<i>Walshia miscecolorella</i>	Marshall: Agassiz NWR	01-Aug-11		KEJ
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ARGYRESTHIIDAE

<i>Argyresthia conjugella</i>	St. Louis: Soudan Underground Mine State Park	25-Jun-11		KEJ
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CRAMBIDAE

<i>Crambus alienellus</i>	St. Louis: 6 sites across county	13-Jun-11	28-Jun-11	KEJ
<i>Crambus alienellus</i>	Lake: Crest Lake Bog	29-Jun-11		KEJ
<i>Crambus perlellus</i>	Marshall: Agassiz NWR	01-Aug-11	04-Aug-11	KEJ
<i>Crambus praefectellus</i>	St. Louis: Ely	15-Jun-11		KEJ
<i>Crambus saltuellus</i>	St. Louis: Soudan Underground Mine State Park	25-Jun-11		KEJ
<i>Crambus unistriatellus</i>	Marshall: Agassiz NWR	01-Aug-11		KEJ
<i>Loxostege commixtalus</i>	Lake: Amberger Lake Bog	28-Jun-11		KEJ
<i>Microcrambus elegans</i>	Marshall: Agassiz NWR	01-Aug-11		KEJ
<i>Occidentalia comptulatalis</i>	Marshall: Agassiz NWR	01-Aug-11	04-Aug-11	KEJ
<i>Parapoxyn allionealis</i>	Marshall: Agassiz NWR	01-Aug-11		KEJ
<i>Parapoxyn maculalis</i>	Marshall: Agassiz NWR	01-Aug-11		KEJ
<i>Pyrausta orphisalis</i>	Marshall: Agassiz NWR	01-Aug-11		KEJ
<i>Raphiptera argillaceella</i>	Lake: Snowbank Lake Bog	24-Jun-11		KEJ
<i>Saucrobotys futilalis</i>	Lake: Sand Lake Peatland	17-Jun-11		KEJ
<i>Scoparia biplagialis</i>	Lake: Sand Lake Peatland & Snowbank Lake Bog	17-Jun-11	24-Jun-11	KEJ
<i>Scoparia penumbrialis</i>	St. Louis: Leander Bog	20-Jun-11		KEJ
<i>Scoparia penumbrialis</i>	Lake: Snowbank Lake Bog	24-Jun-11		KEJ

PYRALIDAE

<i>Sciota basilaris</i>	St. Louis: Spring Creek & Soudan Mine State Park	13-Jun-11	25-Jun-11	KEJ
<i>Sciota basilaris</i>	Lake: Sand Lake Peatland	17-Jun-11		KEJ
<i>Sciota basilaris</i>	Marshall: Agassiz NWR	04-Aug-11		KEJ
<i>Acrobasis rubrifasciella</i>	Marshall: Agassiz NWR	01-Aug-11		KEJ
<i>Meroptera pravella</i>	St. Louis: Spring Creek & Soudan Mine State Park	13-Jun-11	25-Jun-11	KEJ
<i>Meroptera pravella</i>	Lake: Sand Lake Peatland	17-Jun-11		KEJ
<i>Meroptera pravella</i>	St. Louis: Soudan Underground Mine State Park	25-Jun-11		KEJ
<i>Pyla fusca</i>	St. Louis: Ely	15-Jun-11		KEJ
<i>Peoria approximella</i>	Marshall: Agassiz NWR	04-Aug-11		KEJ

PTEROPHORIDAE

<i>Oidaematophorus sulphureodactylus</i>	Marshall: Agassiz NWR	01-Aug-11		KEJ
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SESIIDAE

<i>Synanthedon acerni</i>	St. Louis: Soudan Underground Mine State Park	25-Jun-11		KEJ
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LIMACODIDAE

<i>Tortricidia testacea</i>	St. Louis: Soudan Underground Mine State Park	25-Jun-11		KEJ
<i>Euclea delphinii</i>	MARSHALL: Agassiz NWR	01-Aug-11		KEJ

TORTRICIDAE

<i>Zomaria interruptolineana</i>	St. Louis: Leander Bog	20-Jun-11		KEJ
<i>Pseudosciaphila duplex</i>	St. Louis: Soudan Underground Mine State Park	25-Jun-11		KEJ
<i>Phaneta ochroterminana</i>	Marshall: Agassiz NWR	01-Aug-11	04-Aug-11	KEJ
<i>Phaneta parmatana</i>	Marshall: Agassiz NWR	03-Aug-11	04-Aug-11	KEJ
<i>Phaneta tomonana</i>	Marshall: Agassiz NWR	01-Aug-11	04-Aug-11	KEJ
<i>Eucosma derelecta</i>	Marshall: Agassiz NWR	03-Aug-11	04-Aug-11	KEJ
<i>Eucosma glomerana</i>	Marshall: Agassiz NWR	04-Aug-11		KEJ
<i>Eucosma similana</i>	Marshall: Agassiz NWR	01-Aug-11		KEJ
<i>Eucosma sombreana</i>	Marshall: Agassiz NWR	01-Aug-11	04-Aug-11	KEJ
<i>Eucosma tocullionana</i>	Lake: Sand Lake Peatland	17-Jun-11		KEJ
<i>Eucosma tocullionana</i>	St. Louis: Soudan Underground Mine State Park	25-Jun-11		KEJ
<i>Notocelia culminana</i>	Marshall: Agassiz NWR	03-Aug-11	04-Aug-11	KEJ
<i>Gypsonoma adjuncta</i>	St. Louis: Soudan Underground Mine State Park	25-Jun-11		KEJ
<i>Gypsonoma fasciolana</i>	St. Louis: Ely & Spring Creek	13-Jun-11	15-Jun-11	KEJ
<i>Gypsonoma fasciolana</i>	Lake: Sand Lake Peatland	17-Jun-11		KEJ
<i>Gypsonoma substitutionis</i>	Marshall: Agassiz NWR	01-Aug-11		KEJ
<i>Ancylys goodelliana</i>	Marshall: Agassiz NWR	03-Aug-11		KEJ
<i>Ancylys nubeculana</i>	Lake: Sand Lake Peatland	17-Jun-11		KEJ
<i>Ancylys spireaefoliana</i>	Marshall: Agassiz NWR	01-Aug-11		KEJ
<i>Ancylys tineana</i>	Lake: Snowbank Lake Bog	24-Jun-11		KEJ
<i>Phtheochroa hoffmanana</i>	Marshall: Agassiz NWR	01-Aug-11	04-Aug-11	KEJ
<i>Phtheochroa hospes</i>	Marshall: Agassiz NWR	01-Aug-11	04-Aug-11	KEJ
<i>Grapholita interstinctana</i>	Marshall: Agassiz NWR	01-Aug-11		KEJ
<i>Cydia toreuta</i>	St. Louis: Spring Creek Headwaters	13-Jun-11		KEJ
<i>Acleris oxycoccana</i>	St. Louis: Lost Lake Peatland	16-Sep-11		KEJ
<i>Argyrotaenia occultana</i>	Lake: Sand Lake Peatland	17-Jun-11		KEJ
<i>Archips striana</i>	St. Louis: Soudan Underground Mine State Park	25-Jun-11		KEJ
<i>Clepsid flavidana</i>	Marshall: Agassiz NWR	01-Aug-11	04-Aug-11	KEJ
<i>Clepsid melaleucana</i>	St. Louis: Soudan Underground Mine State Park	25-Jun-11		KEJ
<i>Ptycholoma peritana</i>	St. Louis: Spring Creek Headwaters & Soudan Mine State Park	13-Jun-11	25-Jun-11	KEJ
<i>Sparganothis violaceana</i>	Lake: Amberger Lake Bog	28-Jun-11		KEJ
<i>Cochylis arthuri</i>	Marshall: Agassiz NWR	01-Aug-11	04-Aug-11	KEJ
<i>Cochylis campicolana</i>	St. Louis: Spring Creek Headwaters	13-Jun-11		KEJ
<i>Cochylis nana</i>	Lake: Sand Lake Peatland	17-Jun-11		KEJ
<i>Henricus infernalis</i>	Marshall: Agassiz NWR	04-Aug-11		KEJ

GEOMETRIDAE

<i>Macaria oweni</i>	Lake: Sand Lake Peatland	17-Jun-11		KEJ
<i>Macaria oweni</i>	St. Louis: Leander Bog	20-Jun-11		KEJ
<i>Macaria pinistrobata</i>	St. Louis: Spring Creek Headwaters	13-Jun-11		KEJ
<i>Macaria sexmaculata</i>	Lake: 5 sites across county	14-Jun-11	24-Jun-11	KEJ
<i>Macaria sexmaculata</i>	St. Louis: Cadotte Lake & Leander Bog	20-Jun-11	28-Jun-11	KEJ
<i>Macaria submarmorata</i>	St. Louis: Leander Bog	20-Jun-11		KEJ
<i>Macaria submarmorata</i>	Lake: Snowbank Lake Bog & S Kawishiwi River Bogs	24-Jun-11		KEJ
<i>Macaria truncataria</i>	Lake: 6 sites across county	12-Jun-11	14-Jun-11	KEJ
<i>Macaria truncataria</i>	St. Louis: North Chorus Lake Bog	13-Jun-11		KEJ
<i>Ematurga amitaria</i>	Lake: Sand Lake Peatland & Amberger Lake Bog	12-Jun-11	28-Jun-11	KEJ
<i>Ematurga amitaria</i>	St. Louis: Ed Shave Lake Peatlands	13-Jun-11		KEJ
<i>Eufidonia convergaria</i>	St. Louis: Leander Bog	20-Jun-11		KEJ

<i>Eufidonia discospilata</i>	Lake: 13 sites across county	12-Jun-11	29-Jun-11	KEJ
<i>Eufidonia discospilata</i>	St. Louis: 7 sites across county	13-Jun-11	28-Jun-11	KEJ
<i>Lomographa vestalata</i>	Lake: Snowbank Lake Bog	24-Jun-11		KEJ
<i>Cabera erythemaria</i>	Lake: Sand Lake Peatland & Snowbank Lake Bog	17-Jun-11	24-Jun-11	KEJ
<i>Cabera quadrifasciaria</i>	Isanti: Sagers's Swamp, 1.5 miles W of Pine Brook	17-Jun-11		JS6
<i>Selenia alciphearina</i>	Lake: Sand Lake Peatland	17-Jun-11		KEJ
<i>Plagodis serinaria</i>	St. Louis: Soudan Underground Mine State Park	25-Jun-11		KEJ
<i>Caripeta piniata</i>	St. Louis: Soudan Underground Mine State Park	25-Jun-11		KEJ
<i>Cingilia catenaria</i>	St. Louis: Lost Lake Peatland	16-Sep-11		KEJ
<i>Cingilia catenaria</i>	Isanti: 0.5 mi. S of Green Lake	27-Sep-11		JS6
<i>Antepione thisoaria</i>	St. Louis: Spring Creek Headwaters & Soudan Mine State Park	13-Jun-11	25-Jun-11	KEJ
<i>Hethemia pistasciaria</i>	St. Louis: Spring Creek Headwaters	13-Jun-11		KEJ
<i>Hethemia pistasciaria</i>	Lake: Cloudy Spring Creek & E Baird Lake peatlands	14-Jun-11	17-Jun-11	KEJ
<i>Dysstroma brunneata</i>	Lake: Snowbank Lake Bog	24-Jun-11		KEJ
<i>Dysstroma brunneata</i>	St. Louis: Cadotte Lake Muskeg	28-Jun-11		KEJ
<i>Eulithis flavibrunneata</i>	Marshall: Agassiz NWR	01-Aug-11		KEJ
<i>Hydriomena divisaria</i>	St. Louis: Spring Creek Headwaters & Soudan Mine State Park	13-Jun-11	25-Jun-11	KEJ
<i>Hydriomena divisaria</i>	Lake: Sand Lake Peatland & Snowbank Lake Bog	17-Jun-11	24-Jun-11	KEJ
<i>Hydriomena perfracta</i>	Lake: Sand Lake Peatland	17-Jun-11		KEJ
<i>Xanthorhoe abrasaria congregata</i>	Lake: Snowbank Lake Bog	24-Jun-11		KEJ
<i>Xanthorhoe labradorensis</i>	Lake: Snowbank Lake Bog	24-Jun-11		KEJ
<i>Zenopheps alpinata</i>	Hubbard: Lake George	22-Aug-11		JS6
several at UV light, rediscovered since first record 26 Aug. 1993, apparent breeding population				
<i>Orthonama evansi</i>	Marshall: Agassiz NWR	03-Aug-11		KEJ
<i>Hydrelia condensata</i>	St. Louis: Spring Creek Headwaters	13-Jun-11		KEJ
<i>Hydrelia lucata</i>	St. Louis: Spring Creek Headwaters	13-Jun-11		KEJ
SATURNIIDAE				
<i>Antheraea polyphemus</i>	St. Louis: Soudan Underground Mine State Park	25-Jun-11		KEJ
single individual observed; only one observed in NE MN this field season				
<i>Actias luna</i>	St. Louis: Spring Creek Headwaters & Soudan Mine State Park	13-Jun-11	25-Jun-11	KEJ
<i>Actias luna</i>	Lake: Snowbank Lake Bog	24-Jun-11		KEJ
SPHINGIDAE				
<i>Sphinx luscitiosa</i>	Lake: Sand Lake Peatland	17-Jun-11		KEJ
<i>Eumorpha achemon</i>	Anoka: Ramsey	24-Aug-11		PR
<i>Eumorpha pandorus</i>	Anoka: Ramsey	04-Aug-11		PR
<i>Amphion floridensis</i>	Scott: Minnesota Valley NWR - Louisville Swamp Unit	04-Jun-11		TJ
<i>Hyles euphorbiae</i>	Isanti: 2.5 mi. W of Pine Brook	21-Jul-11		JS6
NOTODONTIDAE				
<i>Clostera brucei</i>	Lake: Sand Lake Peatland	17-Jun-11		KEJ
<i>Clostera brucei</i>	Marshall: Agassiz NWR	01-Aug-11	04-Aug-11	KEJ
<i>Odontosia elegans</i>	St. Louis: Soudan Underground Mine State Park	25-Jun-11		KEJ
<i>Furcula modesta</i>	Marshall: Agassiz NWR	03-Aug-11		KEJ
<i>Heterocampa biundata</i>	St. Louis: Soudan Underground Mine State Park	25-Jun-11		KEJ
<i>Schizura leptinoides</i>	St. Louis: Soudan Underground Mine State Park	25-Jun-11		KEJ
NOCTUIDAE				
<i>Idia lubricalis</i>	Marshall: Agassiz NWR	01-Aug-11	04-Aug-11	KEJ
<i>Chytolita petrealis</i>	Lake: Snowbank Lake Bog	24-Jun-11		KEJ
<i>Macrochilo bivittata</i>	Marshall: Agassiz NWR	01-Aug-11	03-Aug-11	KEJ
<i>Phalaenostola eumelusalis</i>	Marshall: Agassiz NWR	01-Aug-11		KEJ
<i>Phalaenostola hanhami</i>	Marshall: Agassiz NWR	01-Aug-11		KEJ
<i>Hypena atomaria</i>	Isanti: 2.5 mi. W of Pine Brook	01-Oct-11		JS6
ex larva from <i>Urtica dioica</i> found 17 Jul. 2011, possible first larval host report				
<i>Lateroligia ophiogramma</i>	Marshall: Agassiz NWR	01-Aug-11		KEJ
<i>Thysania zenobia</i>	Hubbard: Mantrap Twp.	24-Sep-11		JWJ
<i>Catocala ilia</i>	Marshall: Agassiz NWR	04-Aug-11		KEJ
<i>Catocala nuptialis</i>	Lac Qui Parle: Minnesota River floodplain	30-Jul-11		KEJ
common				
<i>Catocala whitneyi</i>	Swift: Chippewa Prairie	28-Jul-11		KEJ
common				
<i>Catocala whitneyi</i>	Chippewa: Chippewa Prairie	28-Jul-11	30-Jul-11	KEJ
abundant				
<i>Catocala whitneyi</i>	Lac Qui Parle: Minnesota River prairies	30-Jul-11		KEJ
abundant				
<i>Diachrysia aeroides</i>	Marshall: Agassiz NWR	01-Aug-11	03-Aug-11	KEJ
<i>Diachrysia balluca</i>	Isanti: 2.5 mi. W of Pine Brook	27-Sep-11		JS6
frfresh specimen, very late record				

Syngrapha microgamma nearctica	Lake: South Kawishiwi River Bogs & Lumberjack Bog	14-Jun-11	29-Jun-11	KEJ
Syngrapha montana	St. Louis: Chorus Lake Bog	24-Jun-11		KEJ
	observed in other peatlands in NE MN but moth was too speedy to voucher			
Plusia contexta	Marshall: Agassiz NWR	03-Aug-11		KEJ
Plusia putnami	Marshall: Agassiz NWR	01-Aug-11	03-Aug-11	KEJ
Deltote bellicula	Lake: Sand Lake Peatland	17-Jun-11		KEJ
Lithacodia muscosula	St. Louis: Soudan Underground Mine State Park	25-Jun-11		KEJ
Maliattha synochitis	Lake: Snowbank Lake Bog	24-Jun-11		KEJ
Acronicta fragilis	Lake: Sand Lake Peatland	17-Jun-11		KEJ
Acronicta impleta	Lake: Sand Lake Peatland	17-Jun-11		KEJ
	mating pair observed			
Acronicta radcliffei	St. Louis: Soudan Underground Mine State Park	25-Jun-11		KEJ
Acronicta vulpina	Lake: Sand Lake Peatland & Snowbank Lake Bog	17-Jun-11	24-Jun-11	KEJ
Simyra insularis	Marshall: Agassiz NWR	01-Aug-11	04-Aug-11	KEJ
Pyrrhia exprimens	St. Louis: Soudan Underground Mine State Park	25-Jun-11		KEJ
Schinia arcigera	Marshall: Agassiz NWR	04-Aug-11		KEJ
Pseudeustrotia carneola	Marshall: Agassiz NWR	01-Aug-11		KEJ
Elaphria alapallida	Lake: Snowbank Lake Bog	24-Jun-11		KEJ
Elaphria versicolor	Lake: Snowbank Lake Bog	24-Jun-11		KEJ
Cosmia calami	Marshall: Agassiz NWR	01-Aug-11		KEJ
Conservula anodonta	Isanti: Sagers's Swamp, 1.5 miles W of Pine Brook	13-Oct-11		JS6
	ex larva from ostrich fern found 4 Aug. 2011, possible first larval host report			
Apamea niveivenosa	Marshall: Agassiz NWR	01-Aug-11		KEJ
Apamea sordens	Lake: Sand Lake Peatland & Snowbank Lake Bog	17-Jun-11	24-Jun-11	KEJ
	netted at night; none observed at UV sheet			
Apamea sordens	St. Louis: Soudan Underground Mine State Park	25-Jun-11		KEJ
	at UV sheet			
Apamea unanimitis	Lake: Snowbank Lake Bog	24-Jun-11		KEJ
Lemmeria digitalis	KANABEC: Ann Lake WMA	18-Sep-11		KEJ
Xylomoia chagnoni	Marshall: Agassiz NWR	01-Aug-11	03-Aug-11	KEJ
Chortodes basistriga	COOL: Kelly Ridge Point Peatland	07-Sep-11		KEJ
	21 specimens in UV trap			
Archanara subflava	Marshall: Agassiz NWR	01-Aug-11		KEJ
Papaipema leucostigma	Cook: Grand Marais	07-Sep-11		KEJ
	common			
Papaipema leucostigma	LAKE: Rookie Pond	17-Sep-11		KEJ
	abundant			
Papaipema leucostigma	ST. LOUIS: Lake Vermillion	20-Sep-11		KEJ
Papaipema nepheleptena	Anoka: Carlos Avery WMA	18-Sep-11		KEJ
Bellura densa	Marshall: Agassiz NWR	01-Aug-11		KEJ
Xylena cineritia	Lake of the Woods: Norris Camp	02-Oct-11	05-Oct-11	KEJ
Xylena curvimacula	Lake of the Woods: Norris Camp	01-Oct-11	05-Oct-11	KEJ
Xylena nupera	Lake of the Woods: Norris Camp	01-Oct-11	05-Oct-11	KEJ
	common			
Xylena thoracica	ST. LOUIS: Lost Lake Peatland	28-Sep-11		KEJ
Xylena thoracica	Lake of the Woods: Norris Camp	02-Oct-11	05-Oct-11	KEJ
	common			
Litholomia napaea	St. Louis: Echo Trail	24-Sep-11	27-Sep-11	KEJ
Litholomia napaea	Lake of the Woods: Norris Camp	01-Oct-11	05-Oct-11	KEJ
Lithophane adipel	COOK: Mink Lake	11-Sep-11		KEJ
	possible STATE RECORD; 1 specimen in UV trap			
Lithophane adipel	LAKE: S of Snowbank Lake	17-Sep-11		KEJ
	3 specimens in UV trap			
Lithophane adipel	LAKE OF THE WOODS: Norris Camp	05-Oct-11		KEJ
Lithophane amanda	Lake of the Woods: Norris Camp	02-Oct-11	05-Oct-11	KEJ
	fairly common			
Lithophane baileyi	ST. LOUIS: Echo Trail	24-Sep-11	27-Sep-11	KEJ
	common			
Lithophane baileyi	LAKE OF THE WOODS: Norris Camp	01-Oct-11	05-Oct-11	KEJ
	common			
Lithophane disposita	LAKE OF THE WOODS: Norris Camp	01-Oct-11	05-Oct-11	KEJ
	common			
Lithophane fagina	St. Louis: Echo Trail	25-Sep-11	27-Sep-11	KEJ
	fairly common			
Lithophane fagina	Lake of the Woods: Norris Camp	02-Oct-11	05-Oct-11	KEJ
	fairly common			
Lithophane georgii	LAKE: Lake One & Rookie Pond	17-Sep-11		KEJ
	possible STATE RECORD; at bait & UV trap			

Lithophane georgii	LAKE OF THE WOODS: Norris Camp	01-Oct-11	05-Oct-11	KEJ
Lithophane grotei	St. Louis: Echo Trail	25-Sep-11	27-Sep-11	KEJ
Lithophane grotei	Lake of the Woods: Norris Camp	01-Oct-11	05-Oct-11	KEJ
Lithophane innominata abundant	St. Louis: Echo Trail	24-Sep-11	27-Sep-11	KEJ
Lithophane innominata abundant	Lake of the Woods: Norris Camp	01-Oct-11	05-Oct-11	KEJ
Lithophane laticinerea uncommon	LAKE OF THE WOODS: Norris Camp	03-Oct-11		KEJ
Lithophane petulca common	St. Louis: Echo Trail	25-Sep-11	27-Sep-11	KEJ
Lithophane pexata abundant	St. Louis: Echo Trail	25-Sep-11	27-Sep-11	KEJ
Lithophane pexata most common Lithophane; over 200 observed in single night	Lake of the Woods: Norris Camp	01-Oct-11	05-Oct-11	KEJ
Lithophane tepida common	Lake: Lake One	17-Sep-11		KEJ
Lithophane tepida	ST. LOUIS: Echo Trail	26-Sep-11	27-Sep-11	KEJ
Lithophane tepida fairly common	Lake of the Woods: Norris Camp	02-Oct-11	05-Oct-11	KEJ
Lithophane thaxteri	St. Louis: Echo Trail & Lost Lake Peatland	27-Sep-11	28-Sep-11	KEJ
Lithophane thaxteri common	Lake of the Woods: Norris Camp	01-Oct-11	05-Oct-11	KEJ
Eupsilia morrisoni	St. Louis: Echo Trail	25-Sep-11	27-Sep-11	KEJ
Eupsilia tristigmata	Lake of the Woods: Norris Camp	02-Oct-11	05-Oct-11	KEJ
Platypolia anceps	Lake of the Woods: Norris Camp	01-Oct-11	05-Oct-11	KEJ
Mamestra configurata	Isanti: Sagers's Swamp, 1.5 miles W of Pine Brook	10-Jun-11		JS6
Polia propodea	St. Louis: Leander Bog	20-Jun-11		KEJ
Melanchra adjuncta	St. Louis: Soudan Underground Mine State Park	25-Jun-11		KEJ
Melanchra pulverulenta	St. Louis: Leander Bog	20-Jun-11		KEJ
Melanchra pulverulenta	Lake: Snowbank Lake Bog	24-Jun-11		KEJ
Lacanobia grandis	Lake: Snowbank Lake Bog	24-Jun-11		KEJ
Papestra biren	ST. LOUIS: Leander Bog	20-Jun-11		KEJ
Coranarta luteola	LAKE: Jack Pine Creek Peatlands	14-Jun-11		KEJ
Leucania inermis	Lake: Sand Lake Peatland	17-Jun-11		KEJ
Leucania inermis	St. Louis: Leander Bog	20-Jun-11		KEJ
Leucania linita	Lake: Sand Lake Peatland	17-Jun-11		KEJ
Leucania linita	St. Louis: Leander Bog	20-Jun-11		KEJ
Lasionycta secedens large raised bog with plentiful lingonberry; SE range extension in MN	ST. LOUIS: Leander Bog	20-Jun-11		KEJ
Lasionycta taigata	St. Louis: Leander Bog	20-Jun-11		KEJ
Lacinipolia anguina	Lake: Sand Lake Peatland & Snowbank Lake Bog	17-Jun-11	24-Jun-11	KEJ
Ulolonche modesta	St. Louis: Spring Creek Headwaters	13-Jun-11		KEJ
Striacosta albicosta	Isanti: 2.5 mi. W of Pine Brook	05-Aug-11		JS6
Agrotis obliqua	St. Louis: Spring Creek Headwaters	13-Jun-11		KEJ
Agrotis volubilis	St. Louis: Ely	15-Jun-11		KEJ
Cerastis fishii	St. Louis: Fenske Lake Bog	24-Jun-11		KEJ
Hemipachnobia monochromatea	Lake: 3 sites across county	17-Jun-11	24-Jun-11	KEJ
Hemipachnobia monochromatea	St. Louis: Leander Bog	20-Jun-11		KEJ
Aplectoides condita	St. Louis: Soudan Underground Mine State Park	25-Jun-11		KEJ
Xestia mixta common	ST. LOUIS: Chorus Lake Bog	07-Aug-11		KEJ
EREBIDAE				
Arctia caja americana common	Marshall: Agassiz NWR	01-Aug-11	03-Aug-11	KEJ
Ciseps fulvicollis late record	Isanti: 2.5 mi. W of Pine Brook	21-Oct-11		JS6
Platarctia parthenos	Lake: Snowbank Lake Bog	24-Jun-11		KEJ
Dasychira basiflava	Marshall: Agassiz NWR	01-Aug-11		KEJ
Dasychira vagans	Marshall: Agassiz NWR	01-Aug-11	03-Aug-11	KEJ
NOLIDAE				
Nola cilicoides	Marshall: Agassiz NWR	01-Aug-11		KEJ
Baileya ophthalmica	Lake: Snowbank Lake Bog	24-Jun-11		KEJ

MISSOURI

Butterflies

PAPILIONIDAE

<i>Papilio troilus</i>	St. Louis: Six Flags St. Louis Theme Park	02-Jul-11	TJ
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LYCAENIDAE

<i>Calycoptis cecrops</i>	St. Louis: Six Flags St. Louis Theme Park	02-Jul-11	TJ
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WEST VIRGINIA

Butterflies

PAPILIONIDAE

<i>Eurytides marcellus</i>	Hardy: Big Schloss, elev. 2960'	07-May-11	29-May-11	PT1
<i>Battus philenor</i>	Hardy: Big Schloss, elev. 2960'	29-May-11		PT1
<i>Battus philenor</i>	Randolph: Spruce Knob Lake, elev. 3830'	20-Aug-11		PT1
<i>Papilio polyxenes asterius</i>	Hardy: Big Schloss, elev. 2960'	07-May-11		PT1

NYMPHALIDAE

<i>Coenonympha tullia inornata</i>	Randolph: Spruce Knob Lake, elev. 3830'	20-Aug-11		PT1
<i>Cercyonis pegala</i>	Randolph: Spruce Knob Lake, elev. 3830'	20-Aug-11		PT1
<i>Speyeria atlantis</i>	Randolph: Spruce Knob Lake, elev. 3830'	20-Aug-11		PT1
<i>Speyeria cybele</i>	Randolph: Spruce Knob Lake, elev. 3830'	20-Aug-11		PT1
<i>Limenitis archippus</i>	Hampshire: Romney, elev. 700'	21-Aug-11		
<i>Limenitis arthemis astyanax</i>	Hardy: Big Schloss, elev. 2960'	29-May-11		PT1
<i>Vanessa atalanta</i>	Hampshire: Romney, elev. 700'	21-Aug-11		PT1
<i>Vanessa virginiensis</i>	Hardy: Big Schloss, elev. 2960'	07-May-11		PT1
<i>Vanessa virginiensis</i>	Pendleton: Spruce Knob elev. 4800'	21-Aug-11		PT1

WISCONSIN

The Swengels reported that spring 2011 butterfly phenology was about 24 days behind 2010's record fast clip during May in northern Wisconsin. The difference in phenology was less in southern Wisconsin. By July a prolonged warm spell made a slow to slightly slow phenology year nearly exactly average for flight dates of summer species. Numbers of bog associated butterfly species *Lycaena epixanthe* and *dorcas*, *Boloria eunomia*, *frigga* and *freija*, *Erebia discoidalis* and *Oeneis jutta* were generally below average to poor. Barrens species *Hesperia metea* and *Oeneis chryxus* also were found in low numbers, yet *Hesperia leonardus* had its best year 2008. *Erynnis martialis* was seen only in Burnett County, and has not been found in Jackson County for the 9th straight year. *Coenonympha tullia* is still increasing in central Wisconsin. *Speyeria idalia* had its best flight since 2006 or 2007. Medium to large populations surveyed had higher counts in 2011 than 2010. However, fragile sites did not participate in this good year. Three of four (Oliver, Muralt, Pine Island West) had none. Migrant butterflies had a mixed year, with *Hylephila phyleus*, *Junonia coenia*, and *Euptoieta claudia* becoming widespread at least into central Wisconsin. Most migrant species of Pieridae noted in the past few seasons were not seen in 2011. Johnson reported that spring was much delayed compared to 2010, perhaps close to a historical "normal" spring. Mid July had many very hot nights yielding excellent moth catches. Ebner found 45 butterfly species in Waukesha County over a span of 226 days from 1 April through 12 November. He reported an average year, but with smaller numbers of fewer migratory butterfly species. Monarchs had a greatly diminished count. *Atalopedes campestris* flourished, and *Hylephila phyleus* was consistent from mid summer to mid October. No *Pyrisitia lisa*, *Euptoieta claudia* or *Vanessa cardui* were seen. *Libytheana carinenta bachmani* was the best find of the season. *Papilio glaucus* was abundant in August and early September, making one of its nicest showings in years. Ferge did limited field work in the state, but found impressive butterfly numbers in Florence and Forest Counties in late June. Large numbers of *Polygona comma*, and *progne*, *Aglais milberti* and *Limenitis arthemis arthemis* were seen there in early August. Few records of stray and migrant moths were received, but the most notable were *Aellopos titan* in Calumet and Taylor Counties on 9-10 October.

Butterflies

HESPERIIDAE

<i>Epagyreus clarus</i>	Waukesha: Okauchee Lake	19-Jun-11	17-Sep-11	JAE
<i>Thorybes pylades</i>	Waukesha: Kettle Moraine State Forest	17-Jun-11		JAE
<i>Pholisora catullus</i>	Monroe: Fort McCoy	31-May-11		SAS
<i>Pholisora catullus</i>	Sauk : Mirror Lake State Park	11-Jul-11		SAS
<i>Pholisora catullus</i>	Green: Muralt Bluff Prairie	13-Jul-11		SAS
<i>Erynnis brizo</i>	Waukesha: Kettle Moraine State Forest	20-May-11		JAE
<i>Erynnis juvenalis</i>	Waukesha: Kettle Moraine State Forest	20-May-11		JAE
<i>Erynnis lucilius</i>	Dane: Swamp Lover's Preserve	20-May-11		KEJ
appeared to survive early spring burn via unburned patches atop limestone tables				
<i>Erynnis lucilius</i>	Dane: Stagecoach Prairie	23-Jul-11		KEJ
locally common on remnant bluff prairie				
<i>Erynnis martialis</i>	Burnett: Crex Meadows & Burnett County Forest	05-Jun-11	28-Jul-11	SAS
<i>Erynnis persius</i>	Jackson: Jackson County Forest	30-May-11		SAS
<i>Erynnis persius</i>	Monroe: Fort McCoy	31-May-11		SAS
<i>Amblyscirtes vialis</i>	Monroe: Fort McCoy	31-May-11		SAS
<i>Amblyscirtes vialis</i>	Jackson: Bauer-Brockway Barrens SNA	03-Jun-11		SAS
<i>Amblyscirtes vialis</i>	Burnett: Crex Meadows & Burnett County Forest	05-Jun-11		SAS
<i>Ancyloxypha numitor</i>	Waukesha: Okauchee Lake	29-May-11	07-Sep-11	JAE
<i>Oarisma poweshiek</i>	Waukesha: Kettle Moraine State Forest	07-Jul-11		JAE

Thymelicus lineola very abundant	Waukesha: Kettle Moraine State Forest	14-Jun-11	25-Jun-11	JAE
Hylephila phyleus	Wood: Sandhill Wildlife Area	21-Jul-11	19-Aug-11	SAS
Hylephila phyleus	Waukesha: Okauchee Lake	29-Aug-11	09-Oct-11	JAE
Hesperia comma laurentina	Florence: Tie Mill Road (FR 2402) W of Grandma Lake Rd.	03-Aug-11		LAF
Hesperia comma laurentina	Forest: Scott Lake Rd. (FR 2183) W of Hwy. 55	03-Aug-11		LAF
Hesperia ottoe	Crawford: Rush Creek Prairie and Hogback Prairie	08-Jul-11	13-Jul-11	SAS
Atalopedes campestris above average numbers	Waukesha: Okauchee Lake	09-Sep-11	16-Oct-11	JAE
Polites mystic	Waukesha: Kettle Moraine State Forest	07-Jul-11		JAE
Polites mystic	Waukesha: Scuppermong Prairie SNA	09-Jul-11		MLL
Polites peckius	Waukesha: Okauchee Lake	26-Jun-11	19-Sep-11	JAE
Polites themistocles	Waukesha: Okauchee Lake	04-Sep-11		JAE
Problema byssus	Grant: Hwy. 151 Rest Area	05-Jul-11		LAF
Problema byssus	Grant: Dewey Heights Prairie	13-Jul-11		SAS
Poanes massasoit	Walworth: Lulu Lake	07-Jul-11		JAE
Poanes massasoit	Columbia: Pine Island Wildlife Area	07-Jul-11		SAS
Poanes massasoit	Waukesha: Scuppermong Prairie SNA	09-Jul-11		MLL
Poanes massasoit	Sauk : Devil's Lake State Park	11-Jul-11		SAS
Euphyes conspicua	Waukesha: Scuppermong Prairie SNA	09-Jul-11		MLL
Atrytonopsis hianna	Sauk : Mirror Lake State Park	26-May-11		SAS
PAPILIONIDAE				
Papilio crespontes	Waukesha: Kettle Moraine State Forest & Okauchee Lake	21-Jun-11	21-Oct-11	JAE
Papilio crespontes	Sauk : Devil's Lk & Mirror Lk SP Spring Green Prairie	11-Jul-11	31-Aug-11	SAS
Papilio crespontes	Crawford: Hogback Prairie	13-Jul-11		SAS
Papilio crespontes more seen in Jackson County than in previous 25 years numbers combined	Jackson: Bauer-Brockway Barrens SNA	03-Aug-11	26-Aug-11	SAS
Papilio glaucus Banner year here	Waukesha: Okauchee Lake	02-Jun-11	09-Sep-11	JAE
Papilio polyxenes asterius	Waukesha: Okauchee Lake	22-May-11	09-Sep-11	JAE
Papilio polyxenes asterius	Waukesha: Scuppermong Prairie SNA	09-Jul-11		MLL
PIERIDAE				
Pieris oleracea	Walworth: Lulu Lake	07-Jul-11		JAE
Pieris oleracea	Florence: Tie Mill Road (FR 2402) W of Grandma Lake Rd.	03-Aug-11		LAF
Pieris oleracea	Forest: Scott Lake Rd. (FR 2183) W of Hwy. 55	03-Aug-11		LAF
Pieris rapae	Waukesha: Okauchee Lake	13-Apr-11	21-Oct-11	JAE
Colias eurytheme	Waukesha: Okauchee Lake	11-Jul-11	25-Oct-11	JAE
Colias philodice	Waukesha: Okauchee Lake	30-Apr-11	12-Oct-11	JAE
Zerene cesonia	Dane: Swamp Lover's Preserve	25-Aug-11		KEJ
LYCAENIDAE				
Feniseca tarquinius	Price: Riley Lake Bog	24-May-11		KEJ
Feniseca tarquinius	Florence: Tie Mill Road (FR 2402) W of Grandma Lake Rd.	03-Aug-11		LAF
Lycaena dione third year of record high numbers, none seen elsewhere	Portage: Buena Vista Wildlife Area	01-Jul-11	07-Aug-11	SAS
Lycaena epixanthe michiganensis locally common	Jackson: Brockway Road	01-Jul-11		KEJ
Lycaena helloides one individual	Burnett: Crex Meadows & Burnett County Forest	19-Jul-11		SAS
Lycaena helloides one individual	Columbia: Pine Island Wildlife Area	28-Jul-11		SAS
Lycaena hyllus highest numbers seen in years	Portage: Buena Vista Wildlife Area	13-Jun-11	26-Aug-11	SAS
Lycaena hyllus	TAYLOR: Pershing Wildlife Area	20-Aug-11		JFR
Satyrrium calanus falacer	Waukesha: Scuppermong Prairie SNA	09-Jul-11		MLL
Satyrrium calanus falacer	Waukesha: Okauchee Lake	22-Jul-11		JAE
Satyrrium caryaevorum	Sauk : Devil's Lake State Park	11-Jul-11		SAS
Satyrrium edwardsii	Walworth: Lulu Lake	07-Jul-11		JAE
Satyrrium liparops	Crawford: Hogback Prairie	07-Jul-11		SAS
Satyrrium liparops	Douglas: Milchesky Road Bog	17-Jul-11		SAS
Satyrrium titus	Waukesha: Scuppermong Prairie SNA	09-Jul-11		MLL
Callophrys gryneus one individual	Sauk : Mirror Lake State Park	11-Jul-11		SAS
Callophrys henrici fourth straight good year in Jackson County	Jackson: Bauer-Brockway Barrens SNA	06-May-11	30-May-11	SAS
Callophrys niphon clarki	TAYLOR: Medford	22-May-11		JFR
Callophrys polios	Jackson: Bauer-Brockway Barrens SNA	15-May-11	03-Jun-11	SAS
Callophrys polios	Vilas: Haymeadow Creek Barrens	26-May-11		KEJ

Strymon melinus	Jackson: Bauer-Brockway Barrens SNA and other sites	22-May-11	19-Aug-11	SAS
above average number of sightings and locations, one individual per date, perching on lupines in spring				
Strymon melinus fresh	Vilas: Lac des Fleurs Lowlands	26-May-11		KEJ
Strymon melinus found by Tim Wilder	Monroe: Fort McCoy	31-May-11		SAS
Strymon melinus	Crawford: Rush Creek Prairie	08-Jul-11		SAS
Strymon melinus	Portage: Buena Vista Wildlife Area	23-Jul-11		SAS
Cupido comyntas	Waukesha: Okauchee Lake	07-Jul-11	04-Sep-11	JAE
Cupido comyntas	Waukesha: Scuppermong Prairie SNA	09-Jul-11		MLL
Celastrina neglecta	Florence: Tie Mill Road (FR 2402) W of Grandma Lake Rd.	03-Aug-11		LAF
Celastrina neglecta	Forest: Scott Lake Rd. (FR 2183) W of Hwy. 55	03-Aug-11		LAF
Celastrina neglecta	Marathon: Nine Mile Swamp Area	29-Aug-11		LAF
Glaucopsyche lygdamus	Waukesha: Kettle Moraine State Forest	20-May-11		JAE
Echinargus isola	Jackson: Stanton Road	03-Aug-11		SAS
Plebejus idas nabokovi	Marinette: Shrine Road	02-Jul-11	24-Jul-11	SAS
lowest numbers seen in 12 years of monitoring site, none in Oconto County on 2 July 2011				
Plebejus melissa samuelis	Jackson: Jackson County Forest	30-May-11	13-Aug-11	SAS
Plebejus melissa samuelis high numbers seen	Burnett: Crex Meadows & Burnett County Forest	28-Jul-11		SAS
Plebejus saepiolus	Forest: Experimental Rd. 4.5 mi. N of Hiles	25-Jun-11		LAF
NYMPHALIDAE				
Libytheana carinenta bachmanii not seen since 2004	Waukesha: Okauchee Lake	04-Aug-11		JAE
Danaus plexippus greatly reduced numbers	Waukesha: Okauchee Lake	02-Jun-11	16-Oct-11	JAE
Lethe eurydice	Waukesha: Kettle Moraine State Forest	07-Jul-11		JAE
Lethe eurydice fumosa	Waukesha: Scuppermong Prairie SNA	09-Jul-11		MLL
Coenonympha tullia inornata	Marinette: 3 mi. N of Hwy. 8 on Shrine Rd.	25-Jun-11		LAF
Cercyonis pegala nephele	Waukesha: Kettle Moraine State Forest	07-Jul-11		JAE
Cercyonis pegala nephele	Waukesha: Scuppermong Prairie SNA	09-Jul-11		MLL
Erebia discoidalis many puddling on gravel roads	Price: Mud Lake Peatland & Riley Lake Bog complexes	24-May-11		KEJ
Erebia discoidalis	Iron: Turtle-Flambeau Peatland	24-May-11		KEJ
Megisto cymela	Waukesha: Kettle Moraine State Forest	21-Jun-11		JAE
Oeneis chryxus strigulosa	Vilas: Haymeadow Creek Barrens	26-May-11		KEJ
Oeneis jutta ascerta	Marinette: Nadjack Lake Bog	05-Jun-11		KEJ
Oeneis jutta ascerta	Marathon: Norrie Bog	05-Jun-11		KEJ
Euptoieta claudia	Burnett: Crex Meadows & Burnett County Forest	05-Jun-11	28-Jul-11	SAS
Euptoieta claudia	Crawford: Hogback Prairie	13-Jul-11		SAS
Euptoieta claudia	Portage: Buena Vista Wildlife Area	15-Jul-11	09-Sep-11	SAS
Euptoieta claudia	Jackson: Dike 17	21-Jul-11		SAS
Euptoieta claudia	Douglas: Milchesky Road	14-Aug-11		SAS
Euptoieta claudia	Sauk : Van Zelst Barrens	25-Aug-11		SAS
Speyeria aphrodite	Waukesha: Kettle Moraine State Forest	07-Jul-11		JAE
Speyeria aphrodite	Waukesha: Scuppermong Prairie SNA	09-Jul-11		MLL
Speyeria cybele	Waukesha: Scuppermong Prairie SNA	09-Jul-11		MLL
Speyeria idalia record high numbers seen	Crawford: Hogback Prairie	13-Jul-11		SAS
Speyeria idalia best numbers seen since lows of 2006-2007	Portage: Buena Vista Wildlife Area	26-Aug-11		SAS
Boloria selene	Waukesha: Kettle Moraine State Forest	07-Jul-11		JAE
Boloria selene	Waukesha: Scuppermong Prairie SNA	09-Jul-11		MLL
Boloria bellona	Waukesha: Kettle Moraine State Forest	07-Jul-11		JAE
Boloria bellona	Waukesha: Scuppermong Prairie SNA	09-Jul-11		MLL
Boloria freija many puddling on gravel roads	Price: Mud Lake Peatland & Riley Lake Bog complexes	24-May-11		KEJ
Boloria freija	Vilas: Gunslinger Bog & Lac des Fleurs Lowlands	25-May-11	26-May-11	KEJ
Boloria frigga saga	Langlade: Bogus Swamp	05-Jun-11		KEJ
Limenitis archippus	Waukesha: Okauchee Lake	21-Jun-11	01-Oct-11	JAE
Limenitis arthemis astyanax	Waukesha: Okauchee Lake	21-Jun-11	15-Aug-11	JAE
Vanessa atalanta	Waukesha: Okauchee Lake	14-Apr-11	21-Oct-11	JAE
Vanessa virginiensis	Waukesha: Okauchee Lake	07-Jul-11	21-Oct-11	JAE
Nymphalis antiopa	Waukesha: Okauchee Lake	01-Apr-11	04-Oct-11	JAE
Polygonia comma	LANGLADE: Bogus Rd. 2 mi. W of Hwy. B	12-Apr-11		LAF
Polygonia comma	Waukesha: Okauchee Lake	22-May-11		JAE
Polygonia faunus	Bayfield: Cornucopia	29-Jul-11	30-Sep-11	SAS

Polygonia faunus	Florence: Tie Mill Road (FR 2402) W of Grandma Lake Rd.	03-Aug-11		LAF
Polygonia faunus	Forest: Scott Lake Rd. (FR 2183) W of Hwy. 55	03-Aug-11		LAF
Polygonia interrogationis	Waukesha: Okauchee Lake	11-Jul-11		JAE
Polygonia interrogationis	Douglas: Wisconsin Point Rd.	28-Aug-11		LAF
Polygonia progne	LANGLADE: Bogus Rd. 2 mi. W of Hwy. B	12-Apr-11		LAF
Polygonia progne	Waukesha: Kettle Moraine State Forest	25-Jun-11		JAE
Polygonia progne	Douglas: Wisconsin Point Rd.	28-Aug-11		LAF
Polygonia satyrus	Florence: Tie Mill Road (FR 2402) W of Grandma Lake Rd.	03-Aug-11		GJB
Junonia coenia	Portage: Buena Vista Wildlife Area	04-Jul-11	23-Jul-11	SAS
Junonia coenia	Waukesha: Scuppermong Prairie SNA	09-Jul-11		MLL
Junonia coenia	Jackson: Jackson County Forest	21-Jul-11	26-Aug-11	SAS
Junonia coenia	Burnett: Fish Lake Wildlife Area	28-Jul-11		SAS
Junonia coenia	Waukesha: Okauchee Lake	16-Aug-11	05-Oct-11	JAE
Chlosyne gorgone carlota found by Tim Wilder	Monroe: Fort McCoy	31-May-11		SAS
Chlosyne gorgone carlota	Burnett: Fish Lake WA, Crex Meadows & Burnett County Forest	05-Jun-11	28-Jul-11	SAS
Chlosyne gorgone carlota	Green: Muralt Bluff Prairie	13-Jul-11		SAS
Phyciodes tharos	Waukesha: Okauchee Lake	22-May-11		JAE
Euphydryas phaeton	Waukesha: Kettle Moraine State Forest	07-Jul-11		JAE
Euphydryas phaeton	Waukesha: Scuppermong Prairie SNA	09-Jul-11		MLL
Moths				
HEPIALIDAE				
Sthenopis thule	TAYLOR: Medford		22-Jul-11	JFR
GRACILLARIIDAE				
Phyllonorycter celtifoliella under bark	Dane: Swamp Lover's Preserve		01-Jan-11	KEJ
OECOPHORIDAE				
Semioscopis aureorella	Dane: Swamp Lover's Preserve		11-Apr-11	KEJ
Semioscopis inornata	Dane: Swamp Lover's Preserve		08-Apr-11	KEJ
ELACHISTIDAE				
Agonopterix alstroemeriana STATE RECORD	DANE: Swamp Lover's Preserve		16-Mar-11	09-Apr-11 KEJ
Agonopterix atrodorsella	JUNEAU: Meadow Valley SWA		24-Oct-11	KEJ
Agonopterix clemensella	KENOSHA: New Munster SWA		17-Mar-11	KEJ
Agonopterix eupatoriella	Dane: Swamp Lover's Preserve		01-Jan-11	11-Apr-11 KEJ
GLYPHIPTERIGIDAE				
Glyphipterix haworthana	IRON: Turtle-Flambeau Peatland		24-May-11	KEJ
Glyphipterix haworthana	Vilas: Gunslinger Bog		25-May-11	KEJ
PLUTELLIDAE				
Ypsolopha falciferella under bark	Dane: Swamp Lover's Preserve		01-Jan-11	KEJ
YPONOMEUTIDAE				
Atteva pustulella at bait	Dane: Swamp Lover's Preserve		10-Apr-11	KEJ
CRAMBIDAE				
Evergestis pallidata	Sauk: Badger Army Ammunition Plant		25-Aug-11	KEJ
Fissicrambus mutabilis	Sauk: Badger Army Ammunition Plant		25-Aug-11	KEJ
Scoparia biplagiatis	Sauk: Badger Army Ammunition Plant		25-Aug-11	KEJ
Synclita oblitalis	Sauk: Badger Army Ammunition Plant		25-Aug-11	KEJ
TORTRICIDAE				
Phaneta ochroterminana	Sauk: Badger Army Ammunition Plant		25-Aug-11	KEJ
Phaneta parmatana	Sauk: Badger Army Ammunition Plant		25-Aug-11	KEJ
Phaneta tomonana	Sauk: Badger Army Ammunition Plant		25-Aug-11	KEJ
Pseudexentera cressoniana	DANE: Swamp Lover's Preserve		09-Apr-11	KEJ
Pseudexentera kalmiana	IRON: Turtle-Flambeau Peatland		24-May-11	KEJ
Pseudexentera spoliata	KENOSHA: New Munster SWA		17-Mar-11	KEJ
Epinotia sotipena	DANE: Swamp Lover's Preserve		09-Apr-11	KEJ
Epinotia vertumnana	Kenosha: New Munster SWA		17-Mar-11	KEJ
Acleris cornana	Kenosha: New Munster SWA		17-Mar-11	KEJ
Acleris oxycoccana	IRON: Turtle-Flambeau Peatland		24-May-11	KEJ
Acleris schalleriana	Dane: Swamp Lover's Preserve		16-Mar-11	21-Mar-11 KEJ
Acleris subnivana	Kenosha: New Munster SWA		17-Mar-11	KEJ
Argyrotaenia velutinana	Sauk: Badger Army Ammunition Plant		25-Aug-11	KEJ
GEOMETRIDAE				
Archiearis infans	LANGLADE: Bogus Rd. 2 mi. W of Hwy. B		12-Apr-11	LAF

<i>Archiearis infans</i>	Oneida: Eagle Lake Rd. 0.5 mi. S of Hwy. G	13-Apr-11		LAF
<i>Leucobrephos brephoides</i>	ONEIDA: Eagle Lake Rd. 0.5 mi. S of Hwy. G	13-Apr-11		LAF
<i>Macaria truncataria</i>	Iron: Turtle-Flambeau Peatland	24-May-11		KEJ
<i>Macaria truncataria</i>	Marinette: Nadjack Lake Bog	05-Jun-11		KEJ
<i>Macaria truncataria</i>	Marathon: Norrie Bog	05-Jun-11		KEJ
<i>Digrammia continuata</i>	Dane: Swamp Lover's Preserve	22-Jul-11		SCB
<i>Eufidonia discospilata</i>	Marinette: Nadjack Lake Bog	05-Jun-11		KEJ
<i>Eufidonia discospilata</i>	Marathon: Norrie Bog	05-Jun-11		KEJ
<i>Phigalia strigataria</i>	Dane: Swamp Lover's Preserve	16-Mar-11	09-Apr-11	KEJ
<i>Phigalia strigataria</i>	Kenosha: New Munster SWA	17-Mar-11		KEJ
<i>Phigalia titea</i>	Dane: Swamp Lover's Preserve	20-Mar-11	09-Apr-11	KEJ
<i>Paleacrita merriccata</i>	Dane: Swamp Lover's Preserve	21-Mar-11	09-Apr-11	KEJ
<i>Paleacrita vernata</i>	Dane: Swamp Lover's Preserve	11-Mar-11	09-Apr-11	KEJ
<i>Paleacrita vernata</i>	Kenosha: New Munster SWA	17-Mar-11		KEJ
<i>Erannis tiliaria</i>	PIERCE: Plum City	24-Oct-11		KEJ
<i>Erannis tiliaria</i>	BUFFALO: Mondovi	24-Oct-11		KEJ
<i>Erannis tiliaria</i>	PEPIN: Thompson Lake	24-Oct-11		KEJ
<i>Erannis tiliaria</i>	JUNEAU: Meadow Valley SWA	24-Oct-11		KEJ
<i>Hethemia pistasciaria</i>	Langlade: Bogus Swamp	05-Jun-11		KEJ
<i>Hethemia pistasciaria</i>	Marathon: Norrie Bog	05-Jun-11		KEJ
<i>Mesothea incertata</i>	Iron: Turtle-Flambeau Peatland	24-May-11		KEJ
<i>Mesothea incertata</i>	Vilas: Gunslinger Bog	25-May-11		KEJ
<i>Mesoleuca ruficillata</i>	Dane: Swamp Lover's Preserve	29-Apr-11		GWG
<i>Operophtera bruceata</i>	PEPIN: Thompson Lake	24-Oct-11		KEJ
SATURNIIDAE				
<i>Actias luna</i>	Jackson: I-94 N rest area nr. Black River Falls	01-Jun-11		SCB
<i>Hyalophora cecropia</i>	Jackson: I-94 N rest area nr. Black River Falls	01-Jun-11		SCB
<i>Hyalophora columbia</i>	Vilas: Lac des Fleurs Lowlands	25-May-11		KEJ
cocoon attached to <i>Salix pyrifolia</i> , 3m from nearest <i>Larix laricina</i>				
SPHINGIDAE				
<i>Manduca sexta</i>	Dane: Swamp Lover's Preserve	26-Aug-11		SCB
<i>Ceratonia catalpae</i>	Richland: 1 mi. W of Lone Rock	23-Jul-11	28-Aug-11	SCB
<i>Sphinx chersis</i>	TAYLOR: Medford	23-Jul-11		JFR
<i>Sphinx luscitiosa</i>	Bayfield : 7 Mi. N of Ino on FR 236	02-Jun-11		SCB
<i>Aellopos titan</i>	TAYLOR: Medford	09-Oct-11		JFR
<i>Aellopos titan</i>	MANITOWOC: School Hill	10-Oct-11		LAF
at squash flowers, record from Jane Mingari				
<i>Eumorpha pandorus</i>	Dane: Swamp Lover's Preserve	22-Jul-11		SCB
<i>Eumorpha pandorus</i>	Richland: 1 mi. W of Lone Rock	07-Aug-11		SCB
<i>Darapsa versicolor</i>	Richland: 1 mi. W of Lone Rock	03-Aug-11		SCB
2 specimens at MV light				
NOTODONTIDAE				
<i>Odontotia elegans</i>	Jackson: I-94 N rest area nr. Black River Falls	01-Jun-11		SCB
<i>Notodonta simplaria</i>	Douglas: Wisconsin Point	27-Aug-11		LAF
<i>Gluphisia avimacula</i>	Dane: Swamp Lover's Preserve	11-Apr-11		KEJ
<i>Heterocampa subrotata</i>	DANE: Swamp Lover's Preserve	22-Jul-11		SCB
NOCTUIDAE				
<i>Metalectra discalis</i>	Dane: Swamp Lover's Preserve	02-Aug-11		GWG
<i>Palthis asopialis</i>	Dane: Swamp Lover's Preserve	18-Sep-11		GWG
<i>Lateroligia ophiogramma</i>	Dane: Swamp Lover's Preserve	22-Jul-11		SCB
<i>Mocis texana</i>	RICHLAND: 1 mi. W of Lone Rock	28-Aug-11		SCB
<i>Mocis texana</i>	Dane: Swamp Lover's Preserve	31-Aug-11		SCB
<i>Zale phaeocapna</i>	DANE: Swamp Lover's Preserve	22-Jul-11		SCB
<i>Catocala amatrix</i>	Kenosha: New Munster SWA	21-Aug-11		SCB
<i>Catocala briseis</i>	Iron: Saxon Harbor	28-Aug-11		LAF
<i>Catocala cara</i>	Kenosha: New Munster SWA	21-Aug-11		SCB
<i>Catocala coccinata</i>	RICHLAND: 1 mi. W of Lone Rock	07-Aug-11		SCB
<i>Catocala connubialis</i>	RICHLAND: 1 mi. W of Lone Rock	03-Aug-11		SCB
<i>Catocala lineella</i>	RICHLAND: 1 mi. W of Lone Rock	03-Aug-11	07-Aug-11	SCB
<i>Catocala nebulosa</i>	DANE: Swamp Lover's Preserve	26-Aug-11		SCB
<i>Catocala piatrix</i>	Richland: 1 mi. W of Lone Rock	28-Aug-11		SCB
<i>Catocala relicta</i>	RICHLAND: 1 mi. W of Lone Rock	28-Aug-11		SCB
<i>Catocala residua</i>	RICHLAND: 1 mi. W of Lone Rock	07-Aug-11		SCB
<i>Catocala whitneyi</i>	Richland: Lone Rock LWRSWA	24-Jul-11		KEJ
<i>Abrostola urentis</i>	Sauk: Badger Army Ammunition Plant	25-Aug-11		KEJ
<i>Pseudoplusia includens</i>	Dane: Swamp Lover's Preserve	10-Oct-11		SCB

Rachiplusia ou	RICHLAND: 1 mi. W of Lone Rock	07-Aug-11		SCB
Syngrapha epigaea	Douglas: Wisconsin Point	27-Aug-11		LAF
Syngrapha microgamma nearctica	Langlade: Bogus Swamp	05-Jun-11		KEJ
Syngrapha rectangula	TAYLOR : FR 101 & County D	10-Aug-11		SCB
Bagisara gulnare	Dane: Swamp Lover's Preserve	23-Aug-11		KEJ
Acronicta funeralis	BAYFIELD : 7 Mi. N of Ino on FR 236	02-Jun-11		SCB
Acronicta lobeliae	BAYFIELD : 7 Mi. N of Ino on FR 236	02-Jun-11		SCB
Acronicta tritona	Bayfield : 7 Mi. N of Ino on FR 236	02-Jun-11		SCB
Calophasia lunula	TAYLOR: Medford	13-Jul-11		JFR
Psaphida electilis extreme late date	Dane: Swamp Lover's Preserve	23-May-11		GWG
Psaphida grandis also KEJ	KENOSHA: New Munster SWA	13-Mar-11	17-Mar-11	SCB
Psaphida resumens	KENOSHA: New Munster SWA	09-Apr-11		SCB
Psaphida rolandi also SCB	KENOSHA: New Munster SWA	17-Mar-11	09-Apr-11	KEJ
Psaphida styracis	Dane: Swamp Lover's Preserve	21-Mar-11	08-Apr-11	KEJ
Psaphida thaxteriana also SCB	Dane: Swamp Lover's Preserve	21-Mar-11	12-Apr-11	KEJ
Feralia comstocki	Jackson: I-94 N rest area nr. Black River Falls	09-May-11		SCB
Feralia major	SAUK: Dell Creek WMA	13-Apr-11		SCB
Heliothis subflexa	Dane: Swamp Lover's Preserve	22-Jul-11	26-Aug-11	SCB
Schinia florida	Dane: Swamp Lover's Preserve	26-Aug-11		SCB
Schinia indiana	Jackson: Jackson County Forest	03-Jun-11	11-Jun-11	SAS
Schinia indiana	Burnett: Crex Meadows & Danbury Wildlife Area	05-Jun-11	04-Jun-11	SAS
Schinia lucens worst year in the past 20	Grant: Dewey Heights Prairie	08-Jul-11		SAS
Schinia lucens worst year in the past 20	Crawford: Hogback Prairie	13-Jul-11		SAS
Schinia lynx	Dane: Swamp Lover's Preserve	03-Aug-11		SCB
Schinia lynx	RICHLAND: 1 mi. W of Lone Rock	03-Aug-11		SCB
Schinia nundina	Richland: 1 mi. W of Lone Rock	03-Aug-11	28-Aug-11	SCB
Schinia trifascia	Dane: Swamp Lover's Preserve	03-Aug-11	26-Aug-11	SCB
Ogdoconta cinereola	Dane: Swamp Lover's Preserve	25-May-11		GWG
Elaphria chalconia	Dane: Swamp Lover's Preserve	10-Oct-11		SCB
Conservula anodonta	TAYLOR: Medford	11-Jul-11		JFR
Oligia bridghami	DOUGLAS: Wisconsin Point	27-Aug-11		LAF
Oligia minuscula	DOUGLAS: Bear Creek Bog	27-Aug-11		LAF
Meropleon ambifusum	Sauk: Badger Army Ammunition Plant	25-Aug-11		KEJ
Lemmeria digitalis	FOND DU LAC: E of Ripon	08-Oct-11		SCB
Lemmeria digitalis	Dane: Swamp Lover's Preserve	10-Oct-11		SCB
Papaipema baptisiae	Douglas: Wisconsin Point	27-Aug-11		LAF
Papaipema baptisiae	Dane: Swamp Lover's Preserve	25-Sep-11		GWG
Papaipema cerina	Dane: Swamp Lover's Preserve	05-Oct-11		SCB
Papaipema eupatorii	FOND DU LAC: E of Ripon	08-Oct-11		SCB
Papaipema furcata	FOND DU LAC: E of Ripon	08-Oct-11		SCB
Papaipema impecuniosa	FOND DU LAC: E of Ripon	08-Oct-11		SCB
Papaipema maritima	FOND DU LAC: E of Ripon	08-Oct-11		SCB
Papaipema necopina	Dane: Swamp Lover's Preserve	05-Oct-11	10-Oct-11	SCB
Papaipema necopina	FOND DU LAC: E of Ripon	08-Oct-11		SCB
Papaipema rigida	Dane: Swamp Lover's Preserve	25-Sep-11		GWG
Papaipema silphii	FOND DU LAC: E of Ripon	08-Oct-11		SCB
Hydraecia immanis	SAUK: Badger Army Ammunition Plant	25-Aug-11		KEJ
Hydraecia immanis	FOND DU LAC: E of Ripon	08-Oct-11		SCB
Bellura gortynoides	DOUGLAS: Wisconsin Point	27-Aug-11		LAF
Xylena curvimacula	KENOSHA: New Munster SWA	17-Mar-11		SCB
Homoglaea hircina	LANGLADE: Bogus Rd. 0.2 mi. W of Hwy. B	12-Apr-11		LAF
Lithophane antennata	Dane: Swamp Lover's Preserve	16-Mar-11	09-Apr-11	KEJ
Lithophane antennata also SCB	KENOSHA: New Munster SWA	17-Mar-11	09-Apr-11	KEJ
Lithophane bethunei	Dane: Swamp Lover's Preserve	15-Mar-11	09-Apr-11	KEJ
Lithophane bethunei	KENOSHA: New Munster SWA	17-Mar-11		SCB
Lithophane bethunei	KENOSHA: New Munster SWA	17-Mar-11		KEJ
Lithophane disposita	Dane: Swamp Lover's Preserve	16-Mar-11	09-Apr-11	KEJ
Lithophane disposita	KENOSHA: New Munster SWA	17-Mar-11		KEJ
Lithophane franclemonti common at banana bait and walnut sap flows; a few at light	Dane: Swamp Lover's Preserve	03-Apr-11	11-Apr-11	KEJ

Lithophane grotei	Dane: Swamp Lover's Preserve	11-Mar-11	09-Apr-11	KEJ
Lithophane grotei	PIERCE: Plum City	24-Oct-11		KEJ
Lithophane hemina	KENOSHA: New Munster SWA	09-Apr-11		SCB
Lithophane hemina	LANGLADE: Bogus Rd. 0.2 mi. W of Hwy. B	12-Apr-11		LAF
Lithophane innominata	LANGLADE: Bogus Rd. 0.2 mi. W of Hwy. B	12-Apr-11		LAF
Lithophane laticinerea	KENOSHA: New Munster SWA	09-Apr-11		SCB
Lithophane oriunda	Dane: Swamp Lover's Preserve	16-Mar-11	09-Apr-11	KEJ
Lithophane patefacta	Dane: Swamp Lover's Preserve	31-Mar-11	10-Apr-11	KEJ
Lithophane patefacta	LANGLADE: Bogus Rd. 0.2 mi. W of Hwy. B	12-Apr-11		LAF
Lithophane pexata	LANGLADE: Bogus Rd. 0.2 mi. W of Hwy. B	12-Apr-11		LAF
Lithophane semiusta	KENOSHA: New Munster SWA	17-Mar-11		KEJ
Lithophane semiusta	Dane: Swamp Lover's Preserve	31-Mar-11	10-Apr-11	KEJ
Lithophane semiusta	KENOSHA: New Munster SWA	09-Apr-11		SCB
Lithophane unimoda	Dane: Swamp Lover's Preserve	03-Apr-11		KEJ
Eupsilia devia	Dane: Swamp Lover's Preserve	16-Mar-11	09-Apr-11	KEJ
Eupsilia devia	KENOSHA: New Munster SWA	17-Mar-11		KEJ
Eupsilia morrisoni	Dane: Swamp Lover's Preserve	16-Feb-11	09-Apr-11	KEJ
Eupsilia morrisoni	KENOSHA: New Munster SWA	17-Mar-11		KEJ
Eupsilia morrisoni	KENOSHA: New Munster SWA	09-Apr-11		SCB
Eupsilia morrisoni	LANGLADE: Bogus Rd. 0.2 mi. W of Hwy. B	12-Apr-11		LAF
Eupsilia sidus	Dane: Swamp Lover's Preserve	11-Mar-11	09-Apr-11	KEJ
Eupsilia sidus	KENOSHA: New Munster SWA	17-Mar-11		KEJ
Eupsilia tristigmata	Dane: Swamp Lover's Preserve	17-Feb-11	09-Apr-11	KEJ
Eupsilia tristigmata	KENOSHA: New Munster SWA	09-Apr-11		SCB
Eupsilia tristigmata	LANGLADE: Bogus Rd. 0.2 mi. W of Hwy. B	12-Apr-11		LAF
Eupsilia tristigmata	Walworth: 5 mi. S of Whitewater on Hwy. 12	06-Nov-11		SCB
Eupsilia vinulenta	Dane: Swamp Lover's Preserve	16-Mar-11	08-Apr-11	KEJ
Eupsilia vinulenta	KENOSHA: New Munster SWA	17-Mar-11		KEJ
Metaxaglaea inulta	Dane: Swamp Lover's Preserve	10-Oct-11		SCB
Epiglaea decliva	PEPIN: Thompson Lake	24-Oct-11		KEJ
Epiglaea decliva	Dane: Swamp Lover's Preserve	29-Oct-11		SCB
Epiglaea decliva	Walworth: 5 mi. S of Whitewater on Hwy. 12	06-Nov-11		SCB
Brachylomia algens	Douglas: Bear Creek Bog	27-Aug-11		LAF
Xylotype acadia	DOUGLAS: Bear Creek Bog	27-Aug-11		LAF
Mniotype ducta	DOUGLAS: Bear Creek Bog	09-Jun-10		KEJ
	STATE RECORD; det. confirmed by Don Lafontaine			
Orthosia alurina	Dane: Swamp Lover's Preserve	03-Apr-11	09-Apr-11	KEJ
	common at banana bait and walnut sap flows			
Orthosia garmani	Dane: Swamp Lover's Preserve	12-Apr-11		SCB
Orthosia rubescens	Dane: Swamp Lover's Preserve	07-Apr-11	09-Apr-11	KEJ
	common at banana bait and walnut sap flows			
Sideridis maryx	Bayfield : FR 236 N of Ino 7 mi. N of Ino on FR 236	02-Jun-11		SCB
Lacinipolia implicata	Dane: Swamp Lover's Preserve	26-Aug-11	31-Aug-11	SCB
EREBIDAE				
Crambida pallida	Dane: Swamp Lover's Preserve	29-Apr-11		GWG
	extreme early date			
Cynia inopinatus	Dane: Swamp Lover's Preserve	22-Jul-11		SCB
Orgyia antiqua	FLORENCE: Tie Mill Road (FR 2402) W of Grandma Lake Rd.	03-Aug-11		LAF
NOLIDAE				
Baileya australis	Dane: Swamp Lover's Preserve	26-Aug-11		SCB

Zone 9 Southeast

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

Coordinator: Brian G. Scholtens

Contributors Cited:

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TEJ : Terry Johnson
CWM : Craig W. Marks
CS3 : Cullin, Snyder, Scholtens & Smith
PT1 : Paul Thompson
KEW : Kenneth Waldrep
JW1 : J. Wilson

ALABAMA

Butterflies

LYCAENIDAE

Satyrium calanus	Colbert: Freedom Hills Tr. Off Natchez Trace	24-May-11	KC
Celastrina neglecta	Nevada: White Oak Lake SP	01-Jun-09	KC

NYMPHALIDAE

Chlosyne nycteis	Lauderdale: Rock Spring off Natchez Trace	24-May-11	KC
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ARKANSAS

Butterflies

HESPERIIDAE

Epargyreus clarus abundant throughout Ozark region	Pope: SR 7, Ozark NF	01-Jul-11	B/K
Achalarus lyciades	POPE: SR 7, Ozark NF	30-Jun-11	B/K
Thorybes bathyllus	SCOTT: Buffalo Creek Rd.	27-Jun-11	29-Jun-11 B/K
Thorybes pylades abundant throughout Ozark region	Pope: SR 7, Ozark NF	01-Jul-11	B/K
Erynnis baptisiae	POPE: SR 7, Ozark NF	30-Jun-11	B/K
Erynnis funeralis	SCOTT: Buffalo Creek Rd.	27-Jun-11	29-Jun-11 B/K
Erynnis horatius	POPE: SR 7, Ozark NF	30-Jun-11	B/K
Erynnis martialis	Scott: Buffalo Creek Rd.	27-Jun-11	29-Jun-11 B/K
Erynnis martialis	Franklin: SR 7, Ozark NF	01-Jul-11	B/K
Pyrgus communis	SEVIER: Little River	27-Jun-11	B/K
Amblyscirtes belli	SCOTT: Buffalo Creek Rd.	29-Jun-11	B/K
Amblyscirtes linda	SCOTT: Buffalo Creek Rd.	29-Jun-11	B/K
Nastra lherminier	SCOTT: Buffalo Creek Rd.	27-Jun-11	29-Jun-11 B/K
Nastra lherminier	FRANKLIN: Fly Gap Rd.	02-Jul-11	B/K
Lerema accius	POLK: Potter Mtn.	28-Jun-11	B/K
Hylephila phyleus	SCOTT: Buffalo Creek Rd.	27-Jun-11	29-Jun-11 B/K
Hylephila phyleus common in Ozarks	POPE: SR 7, Ozark NF	30-Jun-11	B/K
Atalopedes campestris abundant throughout Ozark region	POPE: SR 7, Ozark NF	30-Jun-11	03-Jul-11 B/K
Polites themistocles	POPE: SR 7, Ozark NF	30-Jun-11	B/K
Pompeius verna	FRANKLIN: Fly Gap Rd.	02-Jul-11	B/K
Problema byssus	SCOTT: Buffalo Creek Rd.	27-Jun-11	B/K
Euphyes vestris metacomet	SCOTT: Buffalo Creek Rd.	27-Jun-11	29-Jun-11 B/K

PAPILIONIDAE

Eurytides marcellus	NEWTON: vic. of Fallsville	29-Jun-11	B/K
Eurytides marcellus	POPE: SR 7, Ozark NF	30-Jun-11	B/K
Battus philenor	SCOTT: Buffalo Creek Rd.	27-Jun-11	29-Jun-11 B/K
Battus philenor	SEVIER: Little River	27-Jun-11	B/K

Battus philenor	POPE: SR 7, Ozark NF	30-Jun-11	02-Jul-11	B/K
abundant throughout Ozark region				
Papilio cresphontes	LITTLE RIVER: 5 mi. S of Foreman	27-Jun-11		B/K
Papilio cresphontes	SEVIER: Little River	27-Jun-11		B/K
Papilio glaucus	SEVIER: Little River	27-Jun-11		B/K
Papilio polyxenes asterius	NEWTON: vic. of Fallsville	29-Jun-11		B/K
occasional in Ozarks				
Papilio troilus	SCOTT: "Y" Junction	27-Jun-11		B/K
Papilio troilus	SEVIER: Little River	27-Jun-11		B/K
PIERIDAE				
Pontia protodice	SEVIER: Little River	27-Jun-11		B/K
Pieris rapae	BOONE: Harrison	30-Jun-11		B/K
Colias eurytheme	BOONE: Harrison	30-Jun-11		B/K
Colias philodice	BOONE: Harrison	30-Jun-11		B/K
Zerene cesonia	Hempstead: Rick Evans Grandview Prairie	31-May-09		KC
Zerene cesonia	POPE: SR 7, Ozark NF	02-Jul-11		B/K
Phoebis sennae	POLK: US 71	27-Jun-11		B/K
Phoebis sennae	SEVIER: Little River	27-Jun-11		B/K
Pyrisitia lisa	SCOTT: Buffalo Creek Rd.	27-Jun-11		B/K
Abaeis nicippe	SEVIER: Little River	27-Jun-11		B/K
LYCAENIDAE				
Satyrium calanus falacer	FRANKLIN: Mill Creek	02-Jul-11		B/K
Satyrium titus campus	JOHNSON: N. of Ozone	29-Jun-11		B/K
Callophrys gryneus	POPE: SR 7, Ozark NF	01-Jul-11		B/K
Calycopis cecrops	NEWTON: vic. of Jasper	01-Jul-11		B/K
Strymon melinus	FRANKLIN: Mill Creek	02-Jul-11		B/K
Cupido comyntas	Nevada: White Oak Lake SP	01-Jun-09		KC
Cupido comyntas	NEWTON: vic. of Jasper	01-Jul-11		B/K
abundant throughout Ozark region				
Celastrina neglecta	Nevada: Fern Hollow Tr., White Oak SP	03-Jun-09		KC
NYMPHALIDAE				
Libytheana carinenta bachmanii	SEVIER: Little River	27-Jun-11		B/K
Danaus plexippus	FRANKLIN: White Rock Mt.	02-Jul-11		B/K
Lethe anthedon	Nevada: Fern Hollow Tr., White Oak SP	03-Jun-09		KC
Lethe anthedon	SEARCY: Buffalo River	01-Jul-11		B/K
Cercyonis pegala	POLK: Potter Mtn.	27-Jun-11		B/K
Cercyonis pegala	FRANKLIN: Mulberry River	02-Jul-11		B/K
abundant throughout Ozark region				
Cyllopsis gemma	POLK: Potter Mtn.	27-Jun-11		B/K
Cyllopsis gemma	SEARCY: Buffalo River	01-Jul-11		B/K
Megisto cymela	POLK: Potter Mtn.	27-Jun-11		B/K
Megisto cymela	FRANKLIN: Mill Creek	02-Jul-11		B/K
abundant throughout Ozark region				
Agraulis vanillae incarnata	SEVIER: Little River	27-Jun-11		B/K
Euptoieta claudia	SEVIER: Little River	27-Jun-11		B/K
Speyeria cybele	Scott: Buffalo Creek Rd.	27-Jun-11	29-Jun-11	B/K
females only				
Speyeria cybele	NEWTON: vic. of Fallsville	29-Jun-11		B/K
Speyeria cybele	JOHNSON: N. of Ozone	29-Jun-11		B/K
Speyeria cybele	Franklin: Fly Gap Rd.	30-Jun-11	02-Jul-11	B/K
males and females				
Speyeria cybele	SEARCY: nr. Buffalo River	30-Jun-11		B/K
Speyeria diana	Scott: Buffalo Creek Rd.	27-Jun-11	29-Jun-11	B/K
males only				
Speyeria diana	Franklin: Fly Gap Rd.	02-Jul-11		B/K
2 males, 1female				
Limnitis arthemis astyanax	SEVIER: Little River	27-Jun-11		B/K
Limnitis arthemis astyanax	FRANKLIN: Fly Gap Rd.	02-Jul-11		B/K
abundant throughout Ozark region				
Asterocampa celtis	FRANKLIN: Mulberry River	02-Jul-11		B/K
Asterocampa clyton	POLK: Potter Mtn.	27-Jun-11		B/K
Vanessa atalanta rubria	POPE: SR 7, Ozark NF	30-Jun-11		B/K
Vanessa virginiensis	FRANKLIN: Mill Creek	02-Jul-11		B/K
abundant throughout Ozark region				
Polygonia comma	POPE: SR 7, Ozark NF	30-Jun-11		B/K
Polygonia comma	FRANKLIN: Mulberry River	02-Jul-11		B/K
Polygonia interrogationis	POPE: SR 7, Ozark NF	30-Jun-11		B/K

Polygonia interrogationis	FRANKLIN: Mill Creek	02-Jul-11	B/K
Junonia coenia	FRANKLIN: Mill Creek	02-Jul-11	B/K
abundant throughout Ozark region			
Chlosyne nycteis	POPE: SR 7, Ozark NF	30-Jun-11	B/K
Chlosyne nycteis	FRANKLIN: Mulberry River	02-Jul-11	B/K
locally common			
Phyciodes tharos	FRANKLIN: Mill Creek	02-Jul-11	B/K
abundant throughout Ozark region			
Moths			
ACROLOPHIDAE			
Acrolophus mortipennella	POLK: Potter Mtn.	27-Jun-11	B/K
OECOPHORIDAE			
Durrantia piperatella	POLK: Potter Mtn.	27-Jun-11	B/K
Psilocorsis reflexella	POLK: Potter Mtn.	27-Jun-11	B/K
GELECHIIDAE			
Strobisia iridipennella	FRANKLIN: Fly Gap Rd.	01-Jul-11	B/K
CRAMBIDAE			
Crambus agitatellus	POLK: Potter Mtn.	27-Jun-11	B/K
Microcrambus elegans	POLK: Potter Mtn.	27-Jun-11	B/K
Perispasta caeculalis	POLK: Potter Mtn.	27-Jun-11	B/K
PYRALIDAE			
Pococera expandens	POLK: Potter Mtn.	27-Jun-11	B/K
SESIIDAE			
Paranthrene simulans	POLK: Potter Mtn.	28-Jun-11	B/K
Vitacea polistiformis	POLK: Potter Mtn.	28-Jun-11	B/K
Synanthedon decipiens	POLK: Potter Mtn.	28-Jun-11	B/K
Synanthedon exitiosa	POLK: Potter Mtn.	27-Jun-11	29-Jun-11 B/K
Synanthedon exitiosa	LOGAN: Brownsville	29-Jun-11	B/K
Synanthedon exitiosa	SCOTT: Buffalo Creek Rd.	29-Jun-11	B/K
Synanthedon exitiosa	BOONE: Harrison	30-Jun-11	B/K
Synanthedon exitiosa	FRANKLIN: Ozark	01-Jul-11	B/K
Synanthedon refulgens	POLK: Potter Mtn.	28-Jun-11	B/K
Synanthedon rubrofascia	SCOTT: Buffalo Creek Rd.	27-Jun-11	B/K
Synanthedon rubrofascia	POLK: Potter Mtn.	28-Jun-11	B/K
Synanthedon rubrofascia	LOGAN: Brownsville	29-Jun-11	B/K
Synanthedon rubrofascia	BOONE: Harrison	30-Jun-11	B/K
Synanthedon rubrofascia	FRANKLIN: White Rock Mt.	02-Jul-11	B/K
Carmenta anthracipennis	POLK: Potter Mtn.	28-Jun-11	B/K
MEGALOPYGIDAE			
Lagoa crispata	POLK: Potter Mtn.	27-Jun-11	B/K
Norape ovina	BOONE: Harrison	01-Jul-11	B/K
LIMACODIDAE			
Apoda y-inversum	POLK: Potter Mtn.	27-Jun-11	B/K
Prolimacodes badia	POLK: Potter Mtn.	27-Jun-11	B/K
Isochaetes beutenmuelleri	POLK: Potter Mtn.	27-Jun-11	B/K
Natada nasoni	POLK: Potter Mtn.	27-Jun-11	B/K
Isa textula	POLK: Potter Mtn.	27-Jun-11	B/K
Adoneta spinuloides	POLK: Potter Mtn.	27-Jun-11	B/K
Monoleuca semifascia	POLK: Potter Mtn.	27-Jun-11	B/K
TORTRICIDAE			
Eucosma robinsonana	POLK: Potter Mtn.	27-Jun-11	B/K
Ecdytoplopha punctidiscana	POLK: Potter Mtn.	27-Jun-11	B/K
Sparganothis distincta	POLK: Potter Mtn.	27-Jun-11	B/K
GEOMETRIDAE			
Macaria transitaria	POLK: Potter Mtn.	27-Jun-11	B/K
Digrammia continuata	POLK: Potter Mtn.	27-Jun-11	B/K
Plagodis alcoolaria	POLK: Potter Mtn.	27-Jun-11	B/K
Patalene olyzonaria	POLK: Potter Mtn.	27-Jun-11	B/K
Dichorda iridaria	POLK: Potter Mtn.	27-Jun-11	B/K
Haematopsis grataria	POLK: Potter Mtn.	27-Jun-11	B/K
Eulithis gracilineata	POLK: Potter Mtn.	27-Jun-11	B/K
DREPANIDAE			
Oreta rosea	POLK: Potter Mtn.	27-Jun-11	B/K
SATURNIIDAE			
Citheronia regalis	POLK: Potter Mtn.	28-Jun-11	B/K

Dryocampa rubicunda	POLK: Potter Mtn.	27-Jun-11	B/K
SPHINGIDAE			
Dolba hyloeus	FRANKLIN: Ozark	01-Jul-11	B/K
Paonias myops	POLK: Potter Mtn.	27-Jun-11	B/K
Paonias myops	BOONE: Harrison	30-Jun-11	B/K
Sphecodina abbottii	POLK: Potter Mtn.	27-Jun-11	B/K
Amphion floridensis	POLK: Potter Mtn.	27-Jun-11	B/K
Amphion floridensis	FRANKLIN: Mulberry River	02-Jul-11	B/K
Darapsa choerilus	POLK: Potter Mtn.	27-Jun-11	B/K
Darapsa myron	POLK: Potter Mtn.	27-Jun-11	B/K
Hyles lineata	BOONE: Harrison	30-Jun-11	B/K
Hyles lineata	FRANKLIN: Ozark	01-Jul-11	B/K
NOTODONTIDAE			
Hyperaeschra georgica	POLK: Potter Mtn.	27-Jun-11	B/K
Datana drexelii	POLK: Potter Mtn.	27-Jun-11	B/K
Nadata gibbosa	POLK: Potter Mtn.	27-Jun-11	B/K
Peridea angulosa	POLK: Potter Mtn.	27-Jun-11	B/K
Heterocampa guttivitta	POLK: Potter Mtn.	27-Jun-11	B/K
Schizura unicornis	POLK: Potter Mtn.	27-Jun-11	B/K
NOCTUIDAE			
Pangrapta decoralis	POLK: Potter Mtn.	27-Jun-11	B/K
Allotria elonympha	POLK: Potter Mtn.	27-Jun-11	B/K
Catocala amica	POLK: Potter Mtn.	27-Jun-11	B/K
Catocala andromedae	POLK: Potter Mtn.	27-Jun-11	B/K
Catocala coccinata	POLK: Potter Mtn.	27-Jun-11	B/K
Catocala dejecta	POLK: Potter Mtn.	27-Jun-11	B/K
Catocala epione	POLK: Potter Mtn.	27-Jun-11	B/K
Catocala flebilis	POLK: Potter Mtn.	27-Jun-11	B/K
Catocala ilia	POLK: Potter Mtn.	27-Jun-11	B/K
Catocala innubens	POLK: Potter Mtn.	27-Jun-11	B/K
Catocala lacrymosa	POLK: Potter Mtn.	27-Jun-11	B/K
Catocala micronympha	POLK: Potter Mtn.	27-Jun-11	B/K
Catocala similis	POLK: Potter Mtn.	27-Jun-11	B/K
Catocala ultronia	POLK: Potter Mtn.	27-Jun-11	B/K
Tripudia flavofasciata	POLK: Potter Mtn.	27-Jun-11	B/K
Tripudia quadrifera	POLK: Potter Mtn.	27-Jun-11	B/K
Cerma cerintha	POLK: Potter Mtn.	27-Jun-11	B/K
Spragueia leo	POLK: Potter Mtn.	27-Jun-11	B/K
Acronicta increta	POLK: Potter Mtn.	27-Jun-11	B/K
Acronicta vinnula	POLK: Potter Mtn.	27-Jun-11	B/K
Amphipyra pyramidoidea	POLK: Potter Mtn.	27-Jun-11	B/K
Perigea xanthioides	POLK: Potter Mtn.	27-Jun-11	B/K
EREBIDAE			
Crambidia pallida	POLK: Potter Mtn.	27-Jun-11	B/K
Haploa clymene	FRANKLIN: Ozark	30-Jun-11	B/K
Halysidota tessellaris	POLK: Potter Mtn.	27-Jun-11	B/K
Dasychira tephra	POLK: Potter Mtn.	27-Jun-11	B/K

FLORIDA

Butterflies

HESPERIIDAE			
Erynnis juvenalis	Santa Rosa: Red Rock Rd., Juniper Creek Trail	29-Mar-11	CWM
PAPILIONIDAE			
Eurytides marcellus	Santa Rosa: Red Rock Rd., Juniper Creek Trail	29-Mar-11	CWM
Papilio palamedes	Santa Rosa: Red Rock Rd., Juniper Creek Trail	29-Mar-11	CWM
LYCAENIDAE			
Callophrys augustinus	Santa Rosa: Red Rock Rd., Juniper Creek Trail	29-Mar-11	CWM

GEORGIA

Butterflies

HESPERIIDAE			
Problema bulenta	Chatham: Port Wentworth, marshy area	05-Sep-11	25-Sep-11 LAD
14 individuals			
Problema byssus	Talbot : Big Lazer Creek WMA	20-Sep-11	TEJ
LATE			

Poanes viator	Chatham: Port Wentworth, marshy area	05-Sep-11		LAD
Poanes zabulon all males	Fulton: Powers Island Unit of Chattahoochee River NRA	22-Apr-11		CWM
PAPILIONIDAE				
Papilio appalachiensis	GILMER: 8 mi. NW of Ellijay, along Gates Chapel Rd.	25-Apr-11		ILF
PIERIDAE				
Anthocharis midaea Uncommon in S GA	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	14-Mar-11		RB2
LYCAENIDAE				
Callophrys gryneus First S GA record; location intermediate between gryneus and southern sweadneri	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	14-Mar-11		RB2
NYMPHALIDAE				
Anartia jatrophae	Chatham: Skidaway Island, Sparrow Field at "the Landings"	07-Sep-11		C/W
Chlosyne nycteis	Fulton: Powers Island Unit of Chattahoochee River NRA	22-Apr-11		CWM
Chlosyne nycteis	RICHMOND: Augusta Levee	01-Jun-11		LS
Moths				
TINEIDAE				
Scardia anatomella All previous records were of an introduced species	WALKER : Taylor's Ridge, N of Hwy. 136, 5 mi. W of Villanow	22-Apr-11		A/F
PSYCHIDAE				
Basiacladus tracyi Few GA records	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	02-Sep-11	04-Sep-11	A/F
GELECHIIDAE				
Dichomeris ligulella	FULTON: Atlanta (ILF's home)	28-Aug-11		ILF
CRAMBIDAE				
Chilo demotellus	MCINTOSH: Vicinity of Meridian, Kittles Island	18-Jul-02	22-Jul-02	JAH
Chilo demotellus	MCINTOSH: Vicinity of Meridian, Kittles Island	29-Aug-04		JAH
Epicorsia oedipodalis	MCINTOSH: Vicinity of Meridian, Kittles Island	29-Aug-02		JAH
Lineodes integra STATE, first confirmed location, should be throughout much of S GA	EMANUEL: Ohoopie Dunes Covenia Tract, 9 mi. SW of Swainsboro	07-Apr-11		A/F
Lineodes integra Second confirmed location	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	07-Oct-11		A/F
Lygropia tripunctata Second specimen for GA	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	02-Sep-11	04-Sep-11	A/F
Rupela segregata Second location in GA	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	02-Sep-11	04-Sep-11	A/F
PYRALIDAE				
Acrobasis demotella	WALKER: Taylor's Ridge, N of Hwy. 136, 5 mi. W of Villanow	22-Apr-11		A/F
Acrobasis demotella	GILMER: 8 mi. NW of Ellijay, along Gates Chapel Rd.	11-May-11	13-May-11	ILF
SESIIDAE				
Synanthedon acerni The "tepperi" form seems restricted to S GA locations	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	02-Sep-11	08-Oct-11	A/F
LACTURIDAE				
Lactura pupula MANY	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	02-Sep-11	04-Sep-11	A/F
MEGALOPYGIDAE				
Lagoa pyxidifera Only known from two S GA counties	Ware: Dixon Mem Forest WMA, SW of Laura Walker SP	09-Apr-11		A/F
LIMACODIDAE				
Heterogenea shurtleffi	Ware: Dixon Mem Forest WMA, SW of Laura Walker SP	09-Apr-11		A/F
Heterogenea shurtleffi	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	02-Sep-11	04-Sep-11	A/F
Euclea nanina consistent location for the species	Bartow: 5 mi. ESE Fairmount, along Salacoa Ck	03-Jun-11		JKA
Euclea nanina	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	02-Sep-11	04-Sep-11	A/F
TORTRICIDAE				
Rhyacionia subtropica probable STATE record	WARE: SW of Laura Walker SP	21-Dec-11		A/F
Eucosma quinquemaculana several individuals; fourth location in STATE	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	07-Oct-11		A/F
Epiblema scudderiana	FULTON: Atlanta (ILF's home)	20-Apr-11		ILF
GEOMETRIDAE				
Macaria varadaria	WARE: 2.5 mi. SE of Waycross, along Hwy. !	09-Apr-11		A/F
Pimaphera sparsaria Second location in GA	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	02-Sep-11	04-Sep-11	A/F

Glena plumosaria farthest north GA record	DADE: Wildwood, exit 169 off I-24	13-May-11		JKA
Anacamptodes cypressaria	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	07-Oct-11		A/F
Anacamptodes pergracilis	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	02-Sep-11	08-Oct-11	A/F
Paleacrita merriccata far south, abundant	DOUGHERTY: Chickasawhatchee WMA	22-Dec-11		A/F
Ceratomyx satanaria EARLY	Walker : Taylor's Ridge, N of Hwy. 136, 5 mi. W of Villanow	19-Feb-11		A/F
Ceratomyx satanaria	WARE: Dixon Mem Forest WMA, SW of Laura Walker SP	02-Mar-11	05-Mar-11	A/F
Ceratomyx satanaria LOTS; 30+ individuals	Long: Griffin Ridge WMA, 3 mi. SW of Ludowici	03-Mar-11		A/F
Lytrosis sinuosa	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	08-Apr-11		A/F
Lytrosis sinuosa	WARE: Dixon Mem Forest WMA, SW of Laura Walker SP	09-Apr-11		A/F
Tacparia zalissaria Several, <15 in state	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	08-Apr-11		A/F
Tacparia zalissaria	Ware: Dixon Mem Forest WMA, SW of Laura Walker SP	09-Apr-11		A/F
Metarranthis lateritiaria Two known locations in GA	Ware: Dixon Mem Forest WMA, SW of Laura Walker SP	09-Apr-11		A/F
Cepphis decoloraria	Bartow: 5 mi. ESE Fairmount, along Salacoa Ck	03-Jun-11		JKA
Cepphis decoloraria	GILMER: 8 mi. NW of Ellijay, along Gates Chapel Rd.	18-Aug-11	20-Aug-11	ILF
Lychnosea intermicata Third location in GA; second in S GA	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	07-Oct-11		A/F
Eusarca fundaria	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	07-Apr-11		A/F
Eusarca fundaria Few GA records	Dougherty: Chickasawhatchee WMA, 13-19 mi. SW of Albany	07-Oct-11		AFS
Eusarca fundaria best location of this moth in state	Dougherty: Chickasawhatchee WMA	22-Dec-11		A/F
Nemoria catachloa Few GA records	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	07-Oct-11		A/F
Nemoria catachloa uncommon; south GA only	Ware: SW of Laura Walker SP	21-Dec-11		A/F
Nemoria catachloa south GA only	DOUGHERTY: Chickasawhatchee WMA	22-Dec-11		A/F
Nemoria elfa Uncommon, near cypress	Ware: Dixon Mem Forest WMA, SW of Laura Walker SP	02-Mar-11	05-Mar-11	A/F
Nemoria outina Second location in GA	WARE: Dixon Mem Forest WMA, NE of Laura Walker SP	09-Apr-11		A/F
Calothysanis amaturlaria Few GA records	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	02-Sep-11	04-Sep-11	A/F
Scopula compensata Few GA records	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	02-Sep-11	08-Oct-11	A/F
Scopula lautaria Few GA records	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	07-Oct-11		A/F
Leptostales laevitaria Second location in GA; multiple individuals	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	02-Sep-11	08-Oct-11	A/F
Cladara limitaria First S GA record	WARE: Dixon Mem Forest WMA, SW of Laura Walker SP	02-Mar-11	05-Mar-11	A/F
DREPANIDAE				
Eudeilinia herminiata	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	02-Sep-11	04-Sep-11	A/F
LASIOCAMPIDAE				
Tolype minta Fourth location in GA	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	02-Sep-11	08-Oct-11	A/F
Tolype minta best location of this moth in state	Dougherty: Chickasawhatchee WMA	22-Dec-11		A/F
SATURNIIDAE				
Callosamia securifera Female and male (males unusual at lights)	Ware: Dixon Mem Forest WMA, SW of Laura Walker SP	09-Apr-11		A/F
SPHINGIDAE				
Dolba hyloeus	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	02-Sep-11	04-Sep-11	A/F
Eumorpha achemon Surprisingly, <5 known from GA	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	02-Sep-11	04-Sep-11	A/F
NOTODONTIDAE				
Heterocampa varia	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	08-Apr-11		A/F
Hyparpax perophoroides	Ware: 2.5 mi. SE of Waycross, along Hwy. !	09-Apr-11		A/F
Hyparpax perophoroides	Ware: Dixon Mem Forest WMA, NE of Laura Walker SP	09-Apr-11		A/F
Symmerista albifrons "earliest" record for this spring moth	Dougherty: Chickasawhatchee WMA	22-Dec-11		A/F

NOCTUIDAE

Melanomma auricinctaria	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	02-Sep-11	04-Sep-11	A/F
Hormoschista latipalpis	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	07-Oct-11		AFS
Few GA records				
Hormoschista latipalpis	Dougherty: Chickasawhatchee WMA	22-Dec-11		A/F
best location of this moth in state				
Ascalapha odorata	Whitfield: Carbondale, I-75 exit 326	19-Oct-11		JKA
Litoprosopus futilis	WARE: Dixon Mem Forest WMA, NE of Laura Walker SP	09-Apr-11		A/F
Hypocala andremona	Whitfield: Carbondale, I-75 exit 326	20-Oct-11		JKA
Protapamea danieli	Bartow: 5 mi. ESE Fairmount, along Salacoa Ck	03-Jun-11		JKA
consistent location for the species				
Lesmone hinna	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	02-Sep-11	04-Sep-11	A/F
MANY				
Metria amella	Walker : Taylor's Ridge, N of Hwy. 136, 5 mi. W of Villanow	22-Apr-11		A/F
Only N GA location				
Pseudanthracia coracias	Ware: Dixon Mem Forest WMA, SW of Laura Walker SP	09-Apr-11		A/F
Pseudanthracia coracias	Ware: Dixon Mem Forest WMA, NE of Laura Walker SP	09-Apr-11		A/F
Pseudanthracia coracias	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	02-Sep-11	04-Sep-11	A/F
Fourth location in GA				
Zale squamularis	Ware: Dixon Mem Forest WMA, SW of Laura Walker SP	09-Apr-11		A/F
Zale submediana	WALKER : Taylor's Ridge, N of Hwy. 136, 5 mi. W of Villanow	02-Apr-11		JKA
Very few records, but likely more common. Reported by James Adams & Jim Vargo				
Dysgonia smithii	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	02-Sep-11	08-Oct-11	A/F
Relatively Uncommon				
Catocala cara carissima	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	07-Oct-11		A/F
Uncommon				
Catocala innubens	MONROE: Forsyth	29-Jun-11		KEW
Very few GA records for this Gleditsia feeder				
Catocala judith	Whitfield: Rocky Face Ridgeline, SW of Dalton	30-Jun-11		JKA
Catocala judith	Whitfield: Carbondale, I-75 exit 326	30-Jun-11		JKA
Catocala mira	MCINTOSH: Vicinity of Meridian, Kittles Island	15-May-05	20-May-05	JAH
Catocala miranda	WHITFIELD: Carbondale, I-75 exit 326	29-Jun-11		JKA
Second county				
Catocala miranda	WALKER: Taylor's Ridge, N of Hwy. 136, 5 mi. W of Villanow	03-Jul-11		JKA
Third county				
Catocala nebulosa	Whitfield: Rocky Face Ridgeline, SW of Dalton	30-Jun-11		JKA
Catocala robinsoni	Whitfield: Dalton (SE)	17-Sep-11		JKA
Uncommon. Reported by James Adams & David DesRoschers				
Catocala ulalume	Gilmer: 8 mi. NW of Ellijay, along Gates Chapel Rd.	22-Jul-11		ILF
Argyrogramma verruca	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	07-Oct-11		AFS
Maliattha concinnimacula	Towns: Brasstown Bald, just E of summit, 4200'	19-May-11		A/F
Cerma cora	LONG: Griffin Ridge WMA, 3 mi. SW of Ludowici	03-Mar-11		A/F
Uncommon				
Cerma cora	Emanuel: Ohoopsee Dunes Tract 3, 8 mi. WSW of Swainsboro	07-Apr-11		A/F
Uncommon				
Cerma cora	Emanuel: Ohoopsee Dunes Covena Tract, 9 mi. SW of Swainsboro	07-Apr-11		A/F
Cerma cora	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	08-Apr-11		A/F
Amyna bullula	DOUGHERTY: Chickasawhatchee WMA	22-Dec-11		A/F
relatively few in GA				
Bagisara brouana	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	02-Sep-11	04-Sep-11	A/F
Second location in GA; second and third specimens				
Tarachidia parvula	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	02-Sep-11	04-Sep-11	A/F
Second location in GA				
Fruva fasciatella	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	02-Sep-11	04-Sep-11	A/F
Second location in GA; second and third specimens				
Spragueia onagrus	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	02-Sep-11	04-Sep-11	A/F
Very few records for GA				
Acronicta betulae	Fulton: Atlanta (ILF's home)	28-Aug-11		ILF
Second county record				
Acronicta connecta	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	08-Apr-11		A/F
Acronicta laetifica	GILMER: 8 mi. NW of Ellijay, along Gates Chapel Rd.	18-Aug-11	20-Aug-11	ILF
Acronicta perblanda	WARE: Dixon Mem Forest WMA, SW of Laura Walker SP	09-Apr-11		A/F
Second time encountered, only GA location known				
Merolonche dolli	Whitfield: Carbondale, I-75 exit 326	22-Mar-11		JKA
Uncommon				
Merolonche dolli	Walker : Taylor's Ridge, N of Hwy. 136, 5 mi. W of Villanow	02-Apr-11		JKA
Uncommon. Reported by James Adams & Jim Vargo				
Harrisimemna trisignata	WARE: Dixon Mem Forest WMA, SW of Laura Walker SP	09-Apr-11		A/F

<i>Feralia jocos</i> 15 individuals	Gilmer: 8 mi. NW of Ellijay, along Gates Chapel Rd.	24-Feb-11	27-Feb-11	ILF
<i>Basilodes pepita</i>	Bartow: 5 mi. ESE Fairmount, along Salacoa Ck	27-Aug-11		JKA
<i>Heliocheilus lupatus</i>	GILMER: 8 mi. NW of Ellijay, along Gates Chapel Rd.	18-Aug-11	20-Aug-11	ILF
<i>Heliocheilus lupatus</i>	Whitfield: Rocky Face Ridgeline, SW of Dalton	19-Aug-11		JKA
<i>Schinia gracilent</i> Multiple specimens	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	02-Sep-11	04-Sep-11	A/F
<i>Schinia nundina</i>	Whitfield: Rocky Face Ridgeline, SW of Dalton	19-Aug-11		JKA
<i>Schinia tuberculum</i> Few GA records	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	07-Oct-11		A/F
<i>Condica confederata</i> uncommon	Dougherty: Chickasawhatchee WMA	22-Dec-11		A/F
<i>Diastema tigris</i> Second Atlanta record, <10 for the state	Fulton: Atlanta (ILF's home)	01-Jun-11		ILF
<i>Callopietria cordata</i>	WHITFIELD: Rocky Face Ridgeline, SW of Dalton	30-Jun-11		JKA
<i>Spodoptera latifascia</i> Uncommon, only S GA	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	02-Sep-11	08-Oct-11	A/F
<i>Elaphria fuscimacula</i> Uncommon	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	02-Sep-11	04-Sep-11	A/F
<i>Dypterygia patina</i> Second location in GA; second and third specimens	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	02-Sep-11	08-Oct-11	A/F
<i>Oligia chlorostigma</i>	Bartow: 5 mi. ESE Fairmount, along Salacoa Ck	03-Jun-11		JKA
<i>Oligia fractilinea</i> Uncommon across GA	GILMER: 8 mi. NW of Ellijay, along Gates Chapel Rd.	24-Jun-11	26-Jun-11	ILF
<i>Oligia fractilinea</i> Uncommon across GA	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	07-Oct-11		A/F
<i>Papaipema arctivorens</i> farthest S known record for the species	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	07-Oct-11		A/F
<i>Papaipema polymniae</i> 10 individuals; EARLY	Bartow: 5 mi. ESE Fairmount, along Salacoa Ck	27-Aug-11		JKA
<i>Bellura densa</i>	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	08-Apr-11		A/F
<i>Lithophane viridipallens</i> Reported by James Adams & Jim Vargo	WALKER: Taylor's Ridge, N of Hwy. 136, 5 mi. W of Villanow	02-Apr-11		JKA
<i>Lithophane abita</i> Second location in GA; 7 individuals, near cypress	WARE: Dixon Mem Forest WMA, SW of Laura Walker SP	02-Mar-11	05-Mar-11	A/F
<i>Lithophane abita</i> Second time collected here, near cypress	Long: Griffin Ridge WMA, 3 mi. SW of Ludowici	03-Mar-11		A/F
<i>Metaxaglaea violacea</i> Uncommon in S GA	WARE: Dixon Mem Forest WMA, SW of Laura Walker SP	02-Mar-11	05-Mar-11	A/F
<i>Epiglaea apiata</i> third specimen for GA	WARE: SW of Laura Walker SP	21-Dec-11		A/F
<i>Egira alternans</i> "earliest" record for this spring moth	Dougherty: Chickasawhatchee WMA	22-Dec-11		A/F
<i>Morrisonia triangula</i>	Emanuel: Ohoopsee Dunes Tract 3, 8 mi. WSW of Swainsboro	07-Apr-11		A/F
<i>Morrisonia triangula</i>	Emanuel: Ohoopsee Dunes Covena Tract, 9 mi. SW of Swainsboro	07-Apr-11		A/F
<i>Morrisonia triangula</i>	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	08-Apr-11		A/F
<i>Morrisonia triangula</i>	BULLOCH: Statesboro	20-Apr-11		LAD
<i>Morrisonia triangula</i>	TOWNS: Brasstown Bald, just E of summit, 4200'	19-May-11		A/F
<i>Lacinipolia erecta</i> STATE record	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	08-Apr-11		A/F
<i>Ulolonche modesta</i> One of two known N GA locations	Walker: Taylor's Ridge, N of Hwy. 136, 5 mi. W of Villanow	22-Apr-11		A/F
<i>Xanthopastis timais</i>	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	08-Apr-11		A/F
EREVIDAE				
<i>Cisthene tenuifascia</i> <10 records for STATE	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	07-Oct-11		A/F
<i>Spilosoma dubia</i> Uncommon, only S GA	Ware: Dixon Mem Forest WMA, NE of Laura Walker SP	02-Mar-11	05-Mar-11	A/F
<i>Spilosoma dubia</i> Uncommon, only S GA	WARE: Dixon Mem Forest WMA, SW of Laura Walker SP	02-Mar-11	05-Mar-11	A/F
<i>Spilosoma dubia</i> Uncommon, only S GA	Long: Griffin Ridge WMA, 3 mi. SW of Ludowici	03-Mar-11		A/F
<i>Euerythra phasma</i> Third location in GA	EMANUEL: Ohoopsee Dunes Covena Tract, 9 mi. SW of Swainsboro	07-Apr-11		A/F
<i>Euerythra phasma</i> Fourth location in GA	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	08-Apr-11		A/F
NOLIDAE				
<i>Baileya acadiana</i>	EMANUEL: Ohoopsee Dunes Covena Tract, 9 mi. SW of Swainsboro	07-Apr-11		A/F

LOUISIANA**Butterflies****HESPERIIDAE**

Epargyreus clarus photo	Allen:	20-Jul-06	ROS
Urbanus proteus photo	Allen:	20-Jul-06	ROS
Thorybes bathyllus photo	Bossier: Bellvue Rd.	06-Aug-06	ROS
Thorybes bathyllus photo	Claiborne: Suggs Rd., Kisatchie NF, Caney Ranger District	14-Apr-10	ROS
Thorybes pylades	West Feliciana: Farrell Davis Rd., 1.5 mi N of SR 66	03-Apr-05	KC
Erynnis brizo	Natchitoches: Kisatchie NF	13-Mar-11	CWM
Erynnis funeralis photo	DeSoto: Lois Lane, off of Bethel Rd., Frierson	27-Jun-10	ROS
Erynnis funeralis	Cameron: Sabine NWR	30-May-11	CWM
Erynnis funeralis	Cameron: Grand Chenier	14-Aug-11	CWM
Erynnis funeralis	Cameron: Cameron Prairie WMA	06-Nov-11	CWM
Erynnis horatius photo	Bossier: Loggy Bayou NWR	19-Jun-05	ROS
Erynnis horatius photo	Allen:	20-Jul-06	ROS
Erynnis horatius photo	Bienville: near Gibsland	12-Aug-06	ROS
Erynnis horatius photo	DeSoto: White Springs Rd.	12-Jul-09	ROS
Erynnis horatius photo	Claiborne: Lake Claiborne State Park	14-Apr-10	ROS
Erynnis juvenalis photo	Caddo: Eddie D. Jones Park, Shreveport	11-Mar-07	ROS
Erynnis martialis	Natchitoches: Kisatchie NF	09-Apr-11	CWM
Amblyscirtes aesculapius	West Feliciana: Farrell Davis Rd., 1.5 mi N of SR 66	02-Apr-05	KC
Amblyscirtes aesculapius photo	Caddo: Eddie D. Jones Park, Shreveport	29-Mar-09	ROS
Amblyscirtes aesculapius	Natchitoches: Kisatchie NF	13-Mar-11	CWM
Amblyscirtes aesculapius	Rapides: Kisatchie NF	20-Mar-11	CWM
Amblyscirtes aesculapius	St. Landry: Thistlethwaite WMA	31-Jul-11	CWM
Amblyscirtes aesculapius	Livingston: Tickfaw SP	17-Aug-11	21-Aug-11 CWM
Amblyscirtes hegon photo	Claiborne: Suggs Rd., Kisatchie NF, Caney Ranger District	14-Apr-10	ROS
Lerodea eufala photo	Caddo: my yard, Shreveport	15-Sep-06	ROS
Nastra neamathla	Cameron: Cameron Prairie WMA	15-May-11	06-Nov-11 CWM
Nastra neamathla	Cameron: Sabine NWR	01-Oct-11	CWM
Lerema accius photo	Bossier: Loggy Bayou NWR	19-Jun-05	ROS
Lerema accius photo	DeSoto: White Springs Rd.	20-Sep-05	ROS
Lerema accius photo	Caddo: my yard, Shreveport	11-Sep-06	ROS
Lerema accius photo	Avoyelles:	27-Sep-06	ROS
Lerema accius sighting	Claiborne: Homer boat launch	17-May-07	ROS
Ancyloxypha numitor photo	Cameron: Rutherford Beach	27-Oct-07	ROS
Ancyloxypha numitor	Terrebonne: LA 660, 1 mi W of SR 3087	25-Jun-11	KC
Copaeodes minima photo	DeSoto: Bethel Road, Frierson	09-Jul-06	ROS
Copaeodes minima sighting	Allen:	20-Jul-06	ROS
Copaeodes minima photo	Bossier: Bodcau WMA	06-Aug-06	ROS
Hylephila phyleus photo	Bossier: Loggy Bayou NWR	19-Jun-05	ROS

Hylephila phyleus photo	DeSoto: Bethel Road, Frierson	09-Jul-06		ROS
Hylephila phyleus photo	Allen:	20-Jul-06		ROS
Hylephila phyleus photo	Caddo: my yard, Shreveport	09-Sep-06		ROS
Hylephila phyleus photo	Claiborne: Homer boat launch	17-May-07		ROS
Hylephila phyleus sighting	Beauregard: Bundick Lake	17-Sep-07		ROS
Hylephila phyleus photo	Caldwell: PR321, Childress Rd.	29-Jun-08		ROS
Hylephila phyleus photo	Cameron: Peveto Woods Sanctuary	19-Aug-11		ROS
Atalopedes campestris photo	DeSoto: Bethel Road, Frierson	09-Jul-06		ROS
Atalopedes campestris photo	Allen:	20-Jul-06		ROS
Atalopedes campestris photo	Bossier: Bodcau WMA	06-Aug-06		ROS
Atalopedes campestris photo	Bienville: near Gibsland	12-Aug-06		ROS
Polites themistocles photo	Caddo: Eddie D. Jones Park, Shreveport	23-Jul-08		ROS
Polites vibex photo	Caddo: Sentell Rd., Belcher	23-Jun-07		ROS
Polites vibex	Terrebonne: end of Isle of Cuba Rd., 2.5 mi W of SR 24	25-Jun-11		KC
Pompeius verna photo	Caddo: Eddie D. Jones Park, Shreveport	29-Jul-06		ROS
Pompeius verna photo	Bossier: Bodcau WMA	06-Aug-06		ROS
Anatrytone logan	St. Landry: Thistlethwaite WMA	13-Aug-11		CWM
Anatrytone logan	Livingston: Tickfaw SP	17-Aug-11	21-Aug-11	CWM
Anatrytone logan	Cameron: Grand Chenier	11-Sep-11		CWM
Anatrytone logan	Cameron: Cameron Prairie WMA	11-Sep-11	16-Oct-11	CWM
Anatrytone logan	ST. MARTIN: Indian Bayou WMA	25-Sep-11		CWM
Problema byssus	MOREHOUSE: SR 142, 1/4 mi W of US 425	08-Jun-05		KC
STATE record(confirmed by A. Warren)				
Poanes aaroni	Cameron: Grand Chenier	16-Oct-11		CWM
Poanes aaroni bordeloni photograph	Cameron: Sabine NWR	19-Oct-10		JT1
Poanes viator	Iberia: Avery Island	05-Jun-11		CWM
Poanes viator	Cameron: Cameron Prairie WMA	11-Jun-11		CWM
Poanes yehl photo	Caddo: Eddie D. Jones Park, Shreveport	16-Sep-06		ROS
Poanes yehl	St. Landry: Thistlethwaite WMA	05-Sep-11		CWM
Poanes yehl	Livingston: Tickfaw SP	28-Sep-11		CWM
Poanes zabulon photo	Caddo: Eddie D. Jones Park, Shreveport	17-Jun-07		ROS
Euphyes bayensis	Cameron: Sabine NWR	30-May-11	01-Oct-11	CWM
Euphyes bayensis	Cameron: Grand Chenier	14-Aug-11	16-Oct-11	CWM
Euphyes dion	St. Landry: Thistlethwaite WMA	28-Aug-11		CWM
Euphyes dukesi	St. Landry: Thistlethwaite WMA	17-Apr-11		CWM
Euphyes dukesi	St. Landry: Thistlethwaite WMA	23-Apr-11	05-Sep-11	CWM
Euphyes pilatka	Cameron: Grand Chenier	15-May-11	11-Jun-11	CWM
Euphyes vestris photo	Caddo: Walter B Jacobs Nature Park, Blanchard	05-May-04		ROS
Euphyes vestris photo	Allen:	20-Jul-06		ROS
Euphyes vestris photo	DeSoto: Bethel Road, Frierson	18-Sep-11		ROS
Atrytonopsis hianna	Rapides: Kisatchie NF	20-Mar-11		CWM
Atrytonopsis hianna photograph	Winn: Coldwater Prairie, Coldwater Rd.	01-Apr-11		JTS
Atrytonopsis hianna	Natchitoches: Kisatchie NF	09-Apr-11		CWM
Calpododes ethlius photo	Caddo: Shreveport	19-Sep-08		ROS

Panoquina ocola photo	Allen:	20-Jul-06	ROS
Panoquina panoquin	Cameron: Grand Chenier	15-May-11	16-Oct-11 CWM
Panoquina panoquin	Cameron: Sabine NWR	30-May-11	01-Oct-11 CWM
Panoquina panoquin	Cameron: Cameron Prairie WMA	11-Jun-11	CWM
Panoquina panoquinoides	Cameron: Grand Chenier	14-Aug-11	CWM
Panoquina panoquinoides	Cameron: Sabine NWR	01-Oct-11	CWM
Panoquina panoquinoides	Cameron: Cameron Prairie WMA	16-Oct-11	CWM
PAPILIONIDAE			
Eurytides marcellus photo	Caddo: Bradford Rd., Shreveport	12-May-07	ROS
Eurytides marcellus	Natchitoches: Kisatchie NF	13-Mar-11	CWM
Battus philenor photo	Bossier: Bodcau WMA	01-Apr-06	ROS
Battus philenor photo	Caldwell: PR321, Childress Rd.	29-Jun-06	ROS
Battus philenor photo	DeSoto: White Springs Rd.	26-Jun-10	ROS
Battus philenor	Natchitoches: Kisatchie NF	13-Mar-11	CWM
Papilio cresphontes photo	Bossier: Loggy Bayou NWR	19-Jun-05	ROS
Papilio cresphontes photo	Claiborne: Lake Claiborne State Park	14-Apr-10	ROS
Papilio glaucus photo	Bossier: Cane's Landing	30-Sep-06	ROS
Papilio glaucus photo	DeSoto: White Springs Rd.	12-Jul-09	ROS
Papilio glaucus photo	Claiborne: Young Rd., Kisatchie NF, Caney Ranger District	03-Apr-11	ROS
Papilio palamedes	Natchitoches: Kisatchie NF	13-Mar-11	CWM
Papilio palamedes	Terrebonne: Blimp Rd. 1/2mi S of SR 24	24-Aug-11	KC
Papilio polyxenes photo	Bossier:	25-May-02	ROS
Papilio polyxenes photo	Caddo: Shreveport	09-Jul-06	ROS
Papilio polyxenes	Natchitoches: Kisatchie NF	13-Mar-11	CWM
Papilio polyxenes photo	Cameron: Peveto Woods Sanctuary	28-Apr-11	ROS
Papilio troilus sighting	Bienville: Lake Bisteneau	08-Nov-05	ROS
Papilio troilus photo	Caldwell: PR321, Childress Rd.	28-Jun-06	ROS
Papilio troilus photo	DeSoto: Bethel Road, Frierson	09-Jul-06	ROS
Papilio troilus sighting	Allen:	20-Jul-06	ROS
Papilio troilus photo	Caddo: my yard, Shreveport	11-Sep-06	ROS
Papilio troilus	Natchitoches: Kisatchie NF	13-Mar-11	CWM
PIERIDAE			
Pontia protodice photo	Avoyelles:	27-Sep-06	ROS
Pontia protodice photo	Caddo: Sentell Rd., Belcher	05-Nov-11	ROS
Pontia protodice photo	Cameron: Hackberry Ridge, west of Johnsons Bayou	12-Nov-11	ROS
Ascia monuste	Cameron: Sabine NWR	01-Oct-11	CWM
Ascia monuste numerous	Cameron: Peaveto Woods in Johnson Bayou	01-Oct-11	CWM
Anthocharis midea	West Feliciana: Farrell Davis Rd., 1.5 mi N of SR 66	03-Apr-05	KC
Anthocharis midea in creek bottom, early record	Rapides: Kisatchie NF	27-Feb-11	CWM
Anthocharis midea	Natchitoches: Kisatchie NF	13-Mar-11	CWM
Anthocharis midea photo	Claiborne: Lake Claiborne State Park	03-Apr-11	ROS
Colias eurytheme photo	Cameron: Rutherford Beach	03-Sep-06	ROS

Colias eurytheme sighting	Avoyelles:	27-Sep-06		ROS
Colias eurytheme photo	Bossier: Cane's Landing	15-Oct-11		ROS
Zerene cesonia	Morehouse: Long Lonesome Rd., 3 mi W of US 425	06-Jun-05		KC
Phoebis sennae photo	Caddo: my yard, Shreveport	11-Sep-06		ROS
Phoebis sennae sighting	Avoyelles:	27-Sep-06		ROS
Phoebis sennae sighting	Beauregard: Bundick Lake	17-Sep-07		ROS
Phoebis sennae photo	Caldwell: PR321, Childress Rd.	04-Jun-09		ROS
Phoebis sennae photo	DeSoto: Bethel Road, Frierson	18-Sep-11		ROS
Phoebis sennae sighting	Bossier: Cane's Landing	15-Oct-11		ROS
Phoebis sennae photo	Cameron: Hackberry Ridge, west of Johnsons Bayou	12-Nov-11		ROS
Pyrisitia lisa photo	Bossier: Loggy Bayou NWR	19-Jun-05		ROS
Pyrisitia lisa photo	Bienville: Lake Bisteneau	08-Nov-05		ROS
Pyrisitia lisa photo	Caldwell: PR321, Childress Rd.	29-Jun-06		ROS
Pyrisitia lisa photo	Caddo: my yard, Shreveport	09-Aug-06		ROS
Pyrisitia lisa photo	Cameron: Rutherford Beach	03-Sep-06		ROS
Pyrisitia lisa sighting	Avoyelles:	27-Sep-06		ROS
Pyrisitia lisa sighting	Beauregard: Bundick Lake	17-Sep-07		ROS
Pyrisitia lisa photo	DeSoto: Bethel Road, Frierson	24-Jul-11		ROS
Abaeis nicippe photo	Caldwell: PR321, Childress Rd.	29-Jun-06		ROS
Abaeis nicippe photo	Caddo: Shreveport	11-Sep-06		ROS
Abaeis nicippe photo	Bossier: Cane's Landing	30-Sep-06		ROS
Abaeis nicippe photo	Cameron: Peveto Woods Sanctuary	30-Oct-11		ROS
Nathalis iole photo	Caddo: Shreveport	17-Oct-11		ROS
Nathalis iole	St. Landry: reststop at milemarker 34 on I-49	23-Oct-11	13-Nov-11	CWM
LYCAENIDAE				
Atlides halesus photo	Caddo: Eddie D. Jones Park, Shreveport	29-Mar-06		ROS
Satyrrium calanus	St. Landry: Thistlethwaite WMA	17-Apr-11		CWM
Satyrrium calanus	St. Landry: Thistlethwaite WMA	23-Apr-11		CWM
Satyrrium favonius	St. Landry: Thistlethwaite WMA	23-Apr-11		CWM
Satyrrium favonius photograph	St. Landry: Thistlethwaite WMA	23-Apr-11		JT1
Callophrys gryneus	West Feliciana: Farrell Davis Rd., 1.5 mi N of SR 66	02-Apr-05		KC
Callophrys gryneus photo	Bossier: Bodcau Dam Road	19-Jun-07		ROS
Callophrys irus early record	Rapides: Kisatchie NF	27-Feb-11	20-Mar-11	CWM
Callophrys irus	Natchitoches: Kisatchie NF	13-Mar-11		CWM
Callophrys irus hadra photograph	DeSoto: LA 175	31-Mar-10		JT1
Callophrys irus hadra photograph	Natchitoches: Kisatchie NF	03-Apr-10		JT1
Callophrys irus hadra photograph	Bossier: Ivan Lake Rd., Bodcau WMA	03-Apr-10		JT1
Callophrys irus hadra photograph	Webster: Kisatchie NF	09-Apr-10		JT1

Callophrys irus hadra photograph	Winn: Kisatchie NF, Lane Rd.	01-Apr-11	JTS
Callophrys irus hadra photograph	Grant Parish: Catahoula Ranger District HQ	01-Apr-11	JTS
Callophrys niphon	Natchitoches: Kisatchie NF	13-Mar-11	CWM
Callophrys niphon	Rapides: Kisatchie NF	20-Mar-11	CWM
Calycopis cecrops photo	Caddo: Centenary College, Shreveport	02-Apr-04	ROS
Calycopis cecrops photo	Bossier:	12-Apr-04	ROS
Calycopis cecrops photo	Claiborne: Lake Claiborne State Park	14-Apr-10	ROS
Calycopis cecrops	Washington: Fisher Rd., 1/4mi E of SR 25	10-Apr-11	KC
Calycopis cecrops coloring much like C. isobeon	Caddo: Shreveport	02-Nov-11	JT1
Strymon melinus photo	Bossier: Cane's Landing	30-Sep-06	ROS
Strymon melinus photo	Caldwell: PR321, Childress Rd.	03-Jun-09	ROS
Strymon melinus photo	Cameron: Peveto Woods Sanctuary	30-Apr-11	ROS
Parrhasius m-album	St. Landry: Thistlethwaite WMA	29-May-11	CWM
Parrhasius m-album	Lafayette: Vermilion Nature Trail	05-Jun-11	CWM
Parrhasius m-album	Lafayette: Lafayette	18-Jun-11	19-Jun-11 CWM
Brephidium exilis	Cameron: Grand Chenier	14-Aug-11	CWM
Brephidium exilis	Cameron: Sabine NWR	01-Oct-11	CWM
Brephidium exilis	Cameron: Peaveto Woods in Johnson Bayou	01-Oct-11	CWM
Cupido comyntas photo	Caddo: Eddie D. Jones Park, Shreveport	13-May-07	ROS
Cupido comyntas photo	Claiborne: Lake Claiborne State Park	14-Apr-10	ROS
Celastrina ladon	St. Landry: Thistlethwaite WMA	17-Apr-11	CWM
Celastrina neglecta	Morehouse: Loop Park Rd., 1/2 mi E of US 425	08-Jun-05	KC
Celastrina neglecta photo	Caddo: Eddie D. Jones Park, Shreveport	06-Sep-09	ROS
Hemiargus ceraunus photo	Cameron: Peveto Woods Sanctuary	31-Oct-09	ROS
NYMPHALIDAE			
Libytheana carinenta photo	Bossier: Loggy Bayou NWR	19-Jun-05	ROS
Libytheana carinenta photo	Caldwell: PR321, Childress Rd.	28-Jun-06	ROS
Libytheana carinenta photo	Cameron: Peveto Woods Sanctuary	29-Apr-11	ROS
Danaus gilippus photo	Cameron: Peveto Woods Sanctuary	19-Aug-11	ROS
Danaus plexippus photo	Bossier: Loggy Bayou NWR	19-Jun-05	ROS
Danaus plexippus sighting	Avoyelles:	27-Sep-06	ROS
Danaus plexippus sighting	Claiborne: Lake Claiborne State Park	03-Apr-11	ROS
Danaus plexippus photo	Cameron: Hackberry Ridge, west of Johnsons Bayou	12-Nov-11	ROS
Anaea andria	Morehouse: Prairie de Butte Rd., 1.5mi W of US 425	06-Jun-05	KC
Anaea andria photo	DeSoto: Bethel Road, Frierson	29-Aug-09	ROS
Lethe creola	Livingston: Tickfaw SP	17-Aug-11	28-Sep-11 CWM
Lethe portlandia photo	Caddo: Eddie D. Jones Park, Shreveport	06-Apr-08	ROS
Lethe portlandia	Livingston: Tickfaw SP	17-Aug-11	21-Aug-11 CWM
Lethe portlandia missarkae	Calcasieu: Blue Tr., Sam Houston Jones SP	25-Oct-08	KC
Lethe portlandia missarkae	St. Tammany: Lake Ramsey Savannah WMA	09-Nov-08	KC
Cyllopsis gemma photo	Caldwell: PR321, Childress Rd.	28-Jun-06	ROS
Cyllopsis gemma photo	Caddo: Wright Island, Shreveport	05-Apr-08	ROS

Cyllopsis gemma photo	Claiborne: Lake Claiborne State Park	03-Apr-11	ROS
Hermeuptychia sosybius sighting	Bossier: Loggy Bayou NWR	19-Jun-05	ROS
Megisto cymela sighting	Bossier:	25-May-02	ROS
Megisto cymela photo	Claiborne: Lake Claiborne State Park	03-Apr-11	ROS
Agraulis vanillae photo	Caddo: my yard, Shreveport	07-Aug-04	ROS
Agraulis vanillae sighting	Bossier: Loggy Bayou NWR	19-Jun-05	ROS
Agraulis vanillae sighting	Caldwell: PR321, Childress Rd.	28-Jun-06	ROS
Agraulis vanillae photo	Allen:	20-Jul-06	ROS
Agraulis vanillae sighting	Avoyelles:	27-Sep-06	ROS
Agraulis vanillae photo	Cameron: Hackberry Ridge, west of Johnsons Bayou	12-Nov-11	ROS
Euptoieta claudia photo	Caddo: State Line Rd., Greenwood	13-May-06	ROS
Euptoieta claudia photo	Cameron: Peveto Woods Sanctuary	20-Aug-11	ROS
Euptoieta claudia photo	Bossier: Cane's Landing	15-Oct-11	ROS
Limnitis arthemis astyanax photo	Caddo: Shreveport, Ford Park	04-Apr-06	ROS
Limnitis arthemis astyanax photo	DeSoto: Bethel Road, Frierson	09-Jul-06	ROS
Asterocampa celtis photo	Bossier: Loggy Bayou NWR	19-Jun-05	ROS
Asterocampa celtis sighting	Avoyelles:	27-Sep-06	ROS
Asterocampa clyton photo	Caddo: Eddie D. Jones Park, Shreveport	01-Sep-07	ROS
Vanessa atalanta photo	Caddo: my yard, Shreveport	30-Jul-03	ROS
Vanessa atalanta photo	DeSoto: White Springs Rd.	09-Apr-05	ROS
Vanessa atalanta photo	Cameron: Peveto Woods Sanctuary	19-Oct-10	ROS
Vanessa cardui photo	Caddo: my yard, Shreveport	23-Aug-03	ROS
Vanessa cardui photo	DeSoto: White Springs Rd.	11-Sep-11	ROS
Vanessa virginiensis photo	Bossier: Loggy Bayou NWR	19-Jun-05	ROS
Vanessa virginiensis photo	Caldwell: PR321, Childress Rd.	03-Jun-09	ROS
Vanessa virginiensis photo	Claiborne: Young Rd., Kisatchie NF, Caney Ranger District	03-Apr-11	ROS
Nymphalis antiopa	St. Landry: Thistlethwaite WMA	23-Apr-11	CWM
Polygonia comma photo	Caddo: Mooringsport	07-Mar-09	ROS
Polygonia interrogationis photo	Bossier: Loggy Bayou NWR	19-Jun-05	ROS
Polygonia interrogationis photo	Caddo: Eddie D. Jones Park, Shreveport	13-May-07	ROS
Polygonia interrogationis photo	DeSoto: White Springs Rd.	12-Jul-11	ROS
Junonia coenia photo	Caddo: Oil City	10-Dec-05	ROS
Junonia coenia sighting	Caldwell: PR321, Childress Rd.	28-Jun-06	ROS
Junonia coenia photo	DeSoto: Bethel Road, Frierson	03-Jul-06	ROS

Junonia coenia photo	Allen:	20-Jul-06		ROS
Junonia coenia photo	Claiborne: Homer boat launch	17-May-07		ROS
Junonia coenia photo	Bossier: Cane's Landing	15-Oct-11		ROS
Chlosyne nycteis photo	Caddo: Wright Island, Shreveport	15-Apr-07		ROS
Phyciodes phaon photo	Cameron: Peveto Woods Sanctuary	05-Oct-11		ROS
Phyciodes phaon photo	Bossier: Cane's Landing	15-Oct-11		ROS
Phyciodes tharos sighting	Beauregard: Bundick Lake	17-Sep-07		ROS
Phyciodes tharos photo	Caldwell: PR321, Childress Rd.	03-Jun-09		ROS
Phyciodes tharos photo	Claiborne: Lake Claiborne State Park	03-Apr-11		ROS
Phyciodes tharos sighting	Bossier: Cane's Landing	15-Oct-11		ROS
Moths				
TISCHERIIDAE				
Tischeria quercitella mid morning on chestnut trees;	East Baton Rouge: Baton Rouge;	13-Mar-11	18-Mar-11	VXA
TINEIDAE				
Homosetia marginimaculella at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	13-Mar-11	18-Mar-11	VXA
GRACILLARIIDAE				
Caloptilia belfrageella 15 W UV light + car headlights;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11		VXA
Cameraria conglomeratella larvae mining Quercus virginiana;	East Baton Rouge: Baton Rouge, LSU campus;	13-Mar-11	18-Mar-11	VXA
OECOPHORIDAE				
Martyringa ravicapitis 15 W UV light + car headlights;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11		VXA
GELECHIIDAE				
Coleotechnites australis at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	13-Mar-11	18-Mar-11	VXA
COSMOPTERIGIDAE				
Perimede erransella 15 W UV light + car headlights;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11		VXA
Perimede falcata 15 W UV light + car headlights;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11		VXA
THYRIDIDAE				
Thyris sepulchralis diurnal, flushed from vegetation;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11		VXA
CRAMBIDAE				
Desmia maculalis 15 W UV light + car headlights;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11		VXA
Diatraea lisetta at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	13-Mar-11	18-Mar-11	VXA
Fissicrambus profanellus 15 W UV light + car headlights;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11		VXA
Palpita arsaltealis at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	18-Mar-11		VXA
Palpita magniferalis 15 W UV light + car headlights;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11		VXA
Parapediasia teterella diurnal, flushed from vegetation;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11		VXA
Pyrausta acronalis 15 W UV light + car headlights;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11		VXA
Synclita oblitalis at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	13-Mar-11	18-Mar-11	VXA
Synclita oblitalis 15 W UV light + car headlights;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11		VXA
Synclita tinealis at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	13-Mar-11	18-Mar-11	VXA

<i>Udea rubigalis</i> 15 W UV light + car headlights;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11	VXA
PYRALIDAE			
<i>Pococera asperatella</i> 15 W UV light + car headlights;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11	VXA
<i>Adelphia petrella</i> 15 W UV light + car headlights;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11	VXA
<i>Caudellia floridensis</i> at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	13-Mar-11	18-Mar-11 VXA
LIMACODIDAE			
<i>Phobetron pithecium</i> on building wall;	East Baton Rouge: Baton Rouge, LSU campus;	29-Apr-11	VXA
<i>Adoneta spinuloides</i> 15 W UV light + car headlights;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11	VXA
TORTRICIDAE			
<i>Lobesia viteana</i> 15 W UV light + car headlights;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11	VXA
<i>Epiblema otiosana</i> 15 W UV light + car headlights;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11	VXA
<i>Epiblema strenuana</i> 15 W UV light + car headlights;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11	VXA
<i>Epiblema tripartitana</i> 15 W UV light + car headlights;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11	VXA
<i>Rhopobota dietziana</i> 15 W UV light + car headlights;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11	VXA
<i>Ancylis platanana</i> 15 W UV light + car headlights;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11	VXA
<i>Phtheochroa temerana</i> at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	13-Mar-11	18-Mar-11 VXA
<i>Grapholita packardi</i> at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	13-Mar-11	18-Mar-11 VXA
<i>Ptycholoma peritana</i> 15 W UV light + car headlights;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11	VXA
<i>Platynota idaeusalis</i> 15 W UV light = car headlights;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11	VXA
<i>Platynota rostrana</i> at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	13-Mar-11	18-Mar-11 VXA
<i>Coelostathma discopunctana</i> 15 W UV light + car headlights;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11	VXA
GEOMETRIDAE			
<i>Macaria aemulataria</i> 15 W UV light + car headlights;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11	VXA
<i>Macaria aequiferaria</i> 15 W UV light + car headlights;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11	VXA
<i>Enconista dislocaria</i> 15 W UV light + car headlights;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11	VXA
<i>Glena cribrataria</i> at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	13-Mar-11	18-Mar-11 VXA
<i>Ectropis crepuscularia</i> at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	13-Mar-11	18-Mar-11 VXA
<i>Lycia ypsilon</i> 15 W UV light + car headlights;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11	VXA
<i>Lobocleta ossularia</i> 15 W UV light + car headlights;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11	VXA
<i>Haematopis grataria</i> at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	13-Mar-11	18-Mar-11 VXA
<i>Anticlea multiferata</i> 15 W UV light + car headlights;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11	VXA
<i>Eupithecia miserulata</i> at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	13-Mar-11	18-Mar-11 VXA
LASIOCAMPIDAE			
<i>Malacosoma disstria</i> resting under incandescent light;	East Baton Rouge: Baton Rouge, LSU campus;	12-May-11	VXA
SATURNIIDAE			
<i>Anisota virginiensis</i> 15 W UV light + car headlights;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11	VXA
SPHINGIDAE			

Isoparce cupressi at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	13-Mar-11	18-Mar-11	VXA
Amorpha juglandis 15 W UV light + car headlights;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11		VXA
Sphecodina abbottii 15 W UV light + car headlights;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11		VXA
Deidamia inscriptum at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	13-Mar-11	18-Mar-11	VXA
Amphion floridensis at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	13-Mar-11	18-Mar-11	VXA
NOTODONTIDAE				
Heterocampa umbrata at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	13-Mar-11	18-Mar-11	VXA
NOCTUIDAE				
Phalaenophana pyramusalis at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	13-Mar-11	18-Mar-11	VXA
Phalaenophana pyramusalis diurnal, flushed fom vegetation;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11		VXA
Tetanolita mynesalis 15 W UV light + car headlights;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11		VXA
Renia adspergillus diurnal, flushed from vegetation;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11		VXA
Hypena scabra at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	13-Mar-11	18-Mar-11	VXA
Isogona tenuis 15 W UV light + car headlights;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11		VXA
Panopoda carneicosta at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	13-Mar-11	18-Mar-11	VXA
Zale galbanata at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	13-Mar-11	18-Mar-11	VXA
Zale galbanata 15 W UV light + car headlights;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11		VXA
Zale lunata 15 W UV light + car headlights;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11		VXA
Maliattha synochitis 15 W UV light + car headlights;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11		VXA
Tarachidia erastrioides 15 W UV light + car headlights;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11		VXA
Raphia abrupta 15 W UV light + car headlights;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11		VXA
Eudryas unio resting at day under MV light;	East Baton Rouge: Baton Rouge;	13-Mar-11	18-Mar-11	VXA
Alypia octomaculata diurnal, flushed from vegetation;	East Baton Rouge: Baton Rouge;	13-Mar-11	18-Mar-11	VXA
Alypia octomaculata diurnal, on forest trail;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11		VXA
Copivaleria grotei 15 W UV light + car headlights;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11		VXA
Elaphria chalcedonia at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	13-Mar-11	18-Mar-11	VXA
Elaphria fuscimacula at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	13-Mar-11	18-Mar-11	VXA
Himella fidelis 15 W UV light + car headlights;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11		VXA
EREBIDAE				
Clemensia albata at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	13-Mar-11	18-Mar-11	VXA
Hyphantria cunea at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	13-Mar-11	18-Mar-11	VXA
Hyphantria cunea 15 W UV light + car headlights;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11		VXA
Orgyia detrita resting at day under incandescent light;	East Baton Rouge: Baton Rouge;	23-Apr-11		VXA
EUTELIIDAE				
Marathyssa basalis 15 W UV light + car headlights;	Iberville: Ramah, Atchafalaya River shore;	18-Mar-11		VXA
NOLIDAE				

MISSISSIPPI

Butterflies

HESPERIIDAE

<i>Epargyreus clarus</i>	Tishomingo: field before entrance to Tishomingo SP	26-May-11	KC
<i>Thorybes confusus</i>	Tishomingo: powerline clearing in Tishomingo SP	25-May-11	KC
<i>Nastra neamathla</i>	Jackson: in and around Grand Bay WMA	17-Sep-11	CWM
<i>Polites themistocles</i>	Jackson: in and around Grand Bay WMA	17-Sep-11	CWM
<i>Anatrytone logan</i>	Jackson: in and around Grand Bay WMA	17-Sep-11	CWM
<i>Poanes zabulon</i>	Noxubee: Trail of Big Trees, Noxubee NWR	12-Jun-07	KC
<i>Euphyes berryi</i>	Jackson: in and around Grand Bay WMA	17-Sep-11	CWM
<i>Euphyes dion</i>	Jackson: in and around Grand Bay WMA	17-Sep-11	CWM
<i>Euphyes pilatka</i>	Jackson: in and around Grand Bay WMA	17-Sep-11	CWM
<i>Panoquina panoquin</i>	Jackson: Grand Bay NWR	27-Mar-11	CWM

PAPILIONIDAE

<i>Battus philenor</i>	Scott: Caney Creek WMA, E of Pulaski	28-Mar-08	KC
<i>Papilio troilus</i>	Scott: Roosevelt SP	30-Mar-08	KC

PIERIDAE

<i>Anthocharis midea</i>	Scott: Shockaloe Tr. Bienville WMA	29-Mar-08	KC
<i>Zerene cesonia</i>	Lowndes: in prairie off Swedenburg Rd.	12-Jun-07	KC
<i>Zerene cesonia</i> rosa form	Scott: Harrell Prairie Hill area of Caney Creek WMA	30-Mar-08	KC
<i>Nathalis iole</i>	Octibbeha: clearing off Section Sixteen Rd.	10-Jun-07	KC

LYCAENIDAE

<i>Satyrrium calanus</i>	Tishomingo: on Woodall Mt.	23-May-11	KC
<i>Callophrys gryneus</i>	Octibbeha: clearing off Section Sixteen Rd.	12-Jun-07	KC
<i>Celastrina neglecta</i>	Wilkinson: Clark Creek Nature Area, pond	07-Aug-11	CWM

NYMPHALIDAE

<i>Lethe creola</i>	Noxubee: Beaver Dam Tr., Noxubee NWR	12-Jun-07	KC
<i>Lethe creola</i>	Wilkinson: Clark Creek Nature Area, pond	07-Aug-11	CWM
<i>Lethe portlandia</i>	Wilkinson: Clark Creek Nature Area, pond	07-Aug-11	CWM
<i>Lethe portlandia missarkae</i>	Noxubee: Beaver Dam Tr., Noxubee NWR	12-Jun-07	KC
<i>Speyeria cybele</i>	Tishomingo: on Woodall Mt.	23-May-11	KC
<i>Polygonia comma</i>	Noxubee: Beaver Dam Tr., Noxubee NWR	12-Jun-07	KC
<i>Chlosyne nycteis</i>	Tishomingo: on Woodall Mt.	23-May-11	KC

NORTH CAROLINA

Butterflies

HESPERIIDAE

<i>Epargyreus clarus</i>	Cabarrus:	20-Apr-11	16-Sep-11	DW2
<i>Achalarus lyciades</i>	Cabarrus:	20-Jun-11	24-Aug-11	DW2
<i>Pyrgus communis</i>	Cabarrus:	20-May-11	24-Aug-11	DW2
<i>Amblyscirtes aesculapius</i>	Cabarrus:	19-May-11	23-May-11	DW2
<i>Atalopedes campestris</i>	Cabarrus:	20-Apr-11	24-Oct-11	DW2
<i>Atrytonopsis hianna</i>	Cabarrus:	23-Oct-11		DW2

PAPILIONIDAE

<i>Eurytides marcellus</i>	Cabarrus:	21-May-11	14-Jun-11	DW2
<i>Papilio glaucus</i>	Cabarrus:	19-Mar-11	16-Sep-11	DW2
<i>Papilio troilus</i>	Cabarrus:	29-May-11	05-Oct-11	DW2

PIERIDAE

<i>Pieris rapae</i>	Cabarrus:	15-Mar-11	20-Oct-11	DW2
<i>Anthocharis midea</i>	Cabarrus:	27-Mar-11	09-May-11	DW2
<i>Colias eurytheme</i>	Cabarrus:	21-Mar-11	25-Jun-11	DW2
<i>Colias philodice</i>	Cabarrus:	19-Mar-11	24-Oct-11	DW2
<i>Phoebis sennae</i>	Cabarrus:	04-Jul-11	15-Oct-11	DW2
<i>Pyrisitia lisa</i>	Cabarrus:	04-Jul-11	16-Sep-11	DW2
<i>Abaeis nicippe</i>	Cabarrus:	04-Jul-11	24-Oct-11	DW2

LYCAENIDAE

<i>Lycaena phlaeas</i>	Cabarrus:	20-Apr-11	24-Oct-11	DW2
<i>Strymon melinus</i>	Cabarrus:	22-May-11	24-Aug-11	DW2
<i>Cupido comyntas</i>	Cabarrus:	19-Mar-11	20-Oct-11	DW2
<i>Celastrina ladon</i>	Cabarrus:	20-Mar-11	15-Jun-11	DW2

NYMPHALIDAE

Libytheana carinenta	Cabarrus:	04-Jul-11	24-Aug-11	DW2
Danaus plexippus	Cabarrus:	22-May-11	10-Oct-11	DW2
Lethe anthedon	Cabarrus:	20-Apr-11	10-Oct-11	DW2
Lethe creola	Cabarrus:	24-May-11	22-Aug-11	DW2
Lethe portlandia	Cabarrus:	20-Apr-11	10-Oct-11	DW2
Cercyonis pegala	Cabarrus:	16-Aug-11	24-Aug-11	DW2
Cyllopsis gemma	Cabarrus:	15-Jun-11	05-Sep-11	DW2
Hermeuptychia sosybius	Cabarrus:	20-Mar-11	16-Sep-11	DW2
Megisto cymela	Cabarrus:	20-Apr-11	16-Sep-11	DW2
Euptoieta claudia	Cabarrus:	04-Jul-11	20-Oct-11	DW2
Speyeria cybele	Cabarrus:	04-Jul-11	24-Aug-11	DW2
Limenitis archippus	Cabarrus:	04-Jul-11	10-Sep-11	DW2
Limenitis arthemis astyanax	Cabarrus:	20-Apr-11	16-Sep-11	DW2
Asterocampa celtis	Cabarrus:	20-Apr-11	16-Sep-11	DW2
Asterocampa clyton	Cabarrus:	09-Jun-11	10-Sep-11	DW2
Vanessa atalanta	Cabarrus:	20-Apr-11	16-Sep-11	DW2
Vanessa cardui	Cabarrus:	22-Apr-11	16-Sep-11	DW2
Vanessa virginiensis	Cabarrus:	22-May-11	24-Aug-11	DW2
Nymphalis antiopa	Cabarrus:	20-Apr-11	16-Sep-11	DW2
Polygonia comma	Cabarrus:	20-Apr-11	16-Sep-11	DW2
Polygonia interrogationis	Cabarrus:	20-Apr-11	16-Sep-11	DW2
Junonia coenia	Cabarrus:	20-Mar-11	25-Oct-11	DW2
Phyciodes tharos	Cabarrus:	20-Apr-11	05-Nov-11	DW2

Moths**PSYCHIDAE**

Thyridopteryx ephemeraeformis	Cabarrus: Concord	17-Sep-11		DW2
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YPONOMEUTIDAE

Atteva pustulella	Cabarrus: Concord	16-Aug-11	16-Sep-11	DW2
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CRAMBIDAE

Desmia funeralis	Cabarrus: Concord	25-Apr-11	16-Sep-11	DW2
Ostrinia nubilalis	Cabarrus: Concord	27-Apr-11	10-Oct-11	DW2
Palpita magniferalis	Cabarrus: Concord	24-Apr-11	15-Sep-11	DW2

PYRALIDAE

Pyalis farinalis	Cabarrus: Concord	20-Mar-11	24-Oct-11	DW2
Galleria mellonella	Cabarrus: Concord	29-May-11	25-Aug-11	DW2
Dolichomia olinalis	Cabarrus: Concord	24-May-11	17-Sep-11	DW2
Euzophera ostricolorella	Cabarrus: Concord	25-May-11	10-Oct-11	DW2

ZYGAENIDAE

Harrisina americana	Cabarrus: Concord	25-Apr-11	24-Oct-11	DW2
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MEGALOPYGIDAE

Lagoa crispata	Cabarrus: Concord	25-May-11	20-Oct-11	DW2
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COSSIDAE

Prionoxystus robiniae	Cabarrus: Concord	22-May-11	16-Sep-11	DW2
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LIMACODIDAE

Apoda biguttata	Cabarrus: Concord	25-Apr-11	24-Aug-11	DW2
Prolimacodes badia	Cabarrus: Concord	28-Apr-11	17-Sep-11	DW2
Euclea delphinii	Cabarrus: Concord	10-May-11	24-Aug-11	DW2

TORTRICIDAE

Cydia pomonella	Cabarrus: Concord	24-Apr-11	20-Oct-11	DW2
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GEOMETRIDAE

Macaria granitata	Cabarrus: Concord	25-May-11	16-Sep-11	DW2
Macaria promiscuata	Cabarrus: Concord	10-Jun-11	12-Sep-11	DW2
Macaria transitaria	Cabarrus: Concord	12-Jun-11	25-Aug-11	DW2
Digrammia continuata	Cabarrus: Concord	24-Apr-11	25-Aug-11	DW2
Digrammia ocellinata	Cabarrus: Concord	24-Apr-11	23-Aug-11	DW2
Anacamptodes defectaria	Cabarrus: Concord	21-Mar-11	24-Oct-11	DW2
Anacamptodes vellivolata	Cabarrus: Concord	20-Mar-11	25-Jun-11	DW2
Anavitrinelia pampinaria	Cabarrus: Concord	21-Mar-11	16-Sep-11	DW2
Cleora sublunaria	Cabarrus: Concord	24-Mar-11	26-Apr-11	DW2
Protoboarmia porcelaria	Cabarrus: Concord	24-Mar-11	16-Sep-11	DW2
Epimecis hortaria	Cabarrus: Concord	27-Mar-11	10-Sep-11	DW2
Hypagyrtis unipunctata	Cabarrus: Concord	24-Apr-11	10-Aug-11	DW2
Phigalia strigataria	Cabarrus: Concord	20-Mar-11	24-Apr-11	DW2
Phigalia titea	Cabarrus: Concord	20-Mar-11	24-Apr-11	DW2

<i>Lytrosis unitaria</i>	Cabarrus: Concord	24-May-11	10-Aug-11	DW2
<i>Euchlaena amoenaria</i>	Cabarrus: Concord	29-May-11	10-Sep-11	DW2
<i>Euchlaena johnsonaria</i>	Cabarrus: Concord	27-May-11	16-Sep-11	DW2
<i>Euchlaena pectinaria</i>	Cabarrus: Concord	22-Apr-11	10-Aug-11	DW2
<i>Ennomos magnaria</i>	Cabarrus: Concord	05-Aug-11	22-Aug-11	DW2
<i>Selenia kentaria</i>	Cabarrus: Concord	18-Mar-11		DW2
<i>Probole alienaria</i>	Cabarrus: Concord	21-Apr-11	08-Aug-11	DW2
<i>Plagodis alcoolaria</i>	Cabarrus: Concord	20-Apr-11	11-Sep-11	DW2
<i>Eutrapela clemataria</i>	Cabarrus: Concord	20-Apr-11	07-Sep-11	DW2
<i>Prochoerodes transversata</i>	Cabarrus: Concord	21-Apr-11	20-Oct-11	DW2
<i>Synchlora frondaria</i>	Cabarrus: Concord	22-Apr-11	24-Oct-11	DW2
<i>Eulithis diversilineata</i>	Cabarrus: Concord	16-May-11	22-Oct-11	DW2
<i>Ecliptopera atricolorata</i>	Cabarrus: Concord	22-Jun-11		DW2
<i>Coryphista meadii</i>	Cabarrus: Concord	22-May-11	24-Jun-11	DW2
<i>Dyspteris abortivaria</i>	Cabarrus: Concord	25-Apr-11	20-Aug-11	DW2
THYATIRIDAE				
<i>Euthyatira pudens</i>	Cabarrus: Concord	19-Apr-11		DW2
APATELODIDAE				
<i>Apatelodes torrefacta</i>	Cabarrus: Concord	10-May-11	22-Aug-11	DW2
LASIOCAMPIDAE				
<i>Tolype vellela</i>	Cabarrus: Concord	20-Apr-11	24-Oct-11	DW2
<i>Artace cribraria</i>	Cabarrus: Concord	05-Oct-11	13-Oct-11	DW2
<i>Malacosoma americanum</i>	Cabarrus: Concord	25-May-11	25-Jun-11	DW2
SATURNIIDAE				
<i>Eacles imperialis</i>	Cabarrus: Concord	10-May-11	25-Aug-11	DW2
<i>Citheronia regalis</i>	Cabarrus: Concord	25-May-11	20-Aug-11	DW2
<i>Citheronia sepulcralis</i>	Cabarrus: Concord	20-May-11	18-Aug-11	DW2
<i>Dryocampa rubicunda</i>	Cabarrus: Concord	21-Apr-11	14-Sep-11	DW2
<i>Anisota senatoria</i>	Cabarrus: Concord	15-May-11	10-Sep-11	DW2
<i>Hemileuca maia</i>	Stanly: near Badin, Uwharrie National Forest	11-Jun-11		DW2
larva, eclosed on 19 Nov 2011				
<i>Automeris io</i>	Cabarrus: Concord	20-May-11	21-Aug-11	DW2
<i>Antheraea polyphemus</i>	Cabarrus: Concord	10-Apr-11	10-Sep-11	DW2
<i>Actias luna</i>	Cabarrus: Concord	10-May-11	25-Aug-11	DW2
<i>Callosamia angulifera</i>	Cabarrus: Concord	20-Apr-11	15-Sep-11	DW2
SPHINGIDAE				
<i>Manduca jasminearum</i>	Cabarrus: Concord	08-Jun-11		DW2
<i>Manduca occulta</i>	Cabarrus: Concord	16-May-11		DW2
<i>Manduca rustica</i>	Cabarrus: Concord	25-May-11		DW2
<i>Manduca sexta</i>	Cabarrus: Concord	08-May-11	25-May-11	DW2
<i>Ceratomia amyntor</i>	Cabarrus: Concord	18-May-11		DW2
<i>Ceratomia undulosa</i>	Cabarrus: Concord	08-May-11	25-Jun-11	DW2
<i>Lapara bombycoides</i>	Cabarrus: Concord	17-Jun-11	25-Jun-11	DW2
<i>Lapara coniferarum</i>	Cabarrus: Concord	16-Aug-11	24-Aug-11	DW2
<i>Paonias astylus</i>	Transylvania: Pisgah Forest	14-Aug-11		DW2
<i>Paonias excaecata</i>	Cabarrus: Concord	08-May-11	15-Sep-11	DW2
<i>Paonias myops</i>	Cabarrus: Concord	10-May-11	25-May-11	DW2
<i>Amorpha juglandis</i>	Cabarrus: Concord	08-May-11	25-Aug-11	DW2
<i>Pachysphinx modesta</i>	Cabarrus: Concord	25-May-11	15-Sep-11	DW2
<i>Hemaris diffinis</i>	Cabarrus: Concord	12-Apr-11		DW2
<i>Hemaris gracilis</i>	Cabarrus: Concord	16-May-11		DW2
<i>Hemaris thysbe</i>	Cabarrus: Concord	22-Mar-11	15-Sep-11	DW2
<i>Eumorpha pandorus</i>	Cabarrus: Concord	12-May-11	10-Sep-11	DW2
<i>Sphecodina abbottii</i>	Cabarrus: Concord	12-Apr-11	15-Sep-11	DW2
<i>Amphion floridensis</i>	Cabarrus: Concord	12-May-11	25-Aug-11	DW2
<i>Darapsa choerilus</i>	Cabarrus: Concord	15-Apr-11	25-Aug-11	DW2
<i>Darapsa myron</i>	Cabarrus: Concord	12-Apr-11	15-Sep-11	DW2
<i>Xylophanes tersa</i>	Cabarrus: Concord	10-Jun-11	21-Oct-11	DW2
NOTODONTIDAE				
<i>Nerice bidentata</i>	Cabarrus: Concord	24-May-11	20-Aug-11	DW2
<i>Furcula borealis</i>	Cabarrus: Concord	24-May-11	25-Aug-11	DW2
<i>Nadata gibbosa</i>	Cabarrus: Concord	20-Jun-11		DW2
<i>Heterocampa biundata</i>	Cabarrus: Concord	24-Apr-11	24-Aug-11	DW2
<i>Heterocampa obliqua</i>	Cabarrus: Concord	24-May-11	16-Sep-11	DW2
<i>Schizura ipomoeae</i>	Cabarrus: Concord	24-Apr-11	20-Aug-11	DW2
<i>Symmerista albifrons</i>	Cabarrus: Concord	15-Mar-11	25-Aug-11	DW2

NOCTUIDAE

<i>Ledaea perditalis</i>	Cabarrus: Concord	21-May-11	10-Sep-11	DW2
<i>Idia aemula</i>	Cabarrus: Concord	24-Apr-11	22-Oct-11	DW2
<i>Idia americalis</i>	Cabarrus: Concord	21-May-11	24-Oct-11	DW2
<i>Idia lubricalis</i>	Cabarrus: Concord	21-May-11	17-Sep-11	DW2
<i>Renia fraternalis</i>	Cabarrus: Concord	20-Aug-11		DW2
<i>Hypena abalienalis</i>	Cabarrus: Concord	26-Apr-11		DW2
<i>Hypena baltimoralis</i>	Cabarrus: Concord	20-Apr-11		DW2
<i>Hypena palparia</i>	Cabarrus: Concord	24-Apr-11		DW2
<i>Hypena scabra</i>	Cabarrus: Concord	15-Mar-11	24-Oct-11	DW2
<i>Ascalapha odorata</i>	Cabarrus: Concord	15-Sep-11		DW2
<i>Scoliopteryx libatrix</i>	Cabarrus: Concord	16-Aug-11	17-Sep-11	DW2
<i>Phoberia atomaris</i>	Cabarrus: Concord	10-Mar-11	09-May-11	DW2
<i>Caenurgia chloropha</i>	Cabarrus: Concord	15-Mar-11	24-Oct-11	DW2
<i>Caenurgina erechtea</i>	Cabarrus: Concord	15-Mar-11	24-Oct-11	DW2
<i>Anticarsia gemmatalis</i>	Cabarrus: Concord	10-Sep-11	13-Oct-11	DW2
<i>Zale confusa</i>	Cabarrus: Concord	20-May-11	25-Jun-11	DW2
<i>Zale galbanata</i>	Cabarrus: Concord	15-Apr-11	17-Sep-11	DW2
<i>Zale horrida</i>	Cabarrus: Concord	25-May-11	17-Aug-11	DW2
<i>Zale lunata</i>	Cabarrus: Concord	15-Mar-11	24-Oct-11	DW2
<i>Zale metatoides</i>	Cabarrus: Concord	12-May-11	24-Jun-11	DW2
<i>Zale unilineata</i>	Cabarrus: Concord	12-May-11	25-Jun-11	DW2
<i>Zale intenta</i>	Cabarrus: Concord	15-Mar-11	28-Mar-11	DW2
<i>Euparthenos nubilis</i>	Cabarrus: Concord	25-May-11	10-Sep-11	DW2
<i>Allotria elonympha</i>	Cabarrus: Concord	16-Apr-11	10-Sep-11	DW2
<i>Catocala amatrix</i>	Cabarrus: Concord	05-Jul-11	10-Oct-11	DW2
<i>Catocala amica</i>	Transylvania: Pisgah Forest	16-Aug-10	18-Aug-10	DW2
<i>Catocala amica</i>	Stanly: near Badin, Uwharrie National Forest	10-Jun-11	31-Aug-11	DW2
<i>Catocala amica</i>	Cabarrus: Concord	10-Jun-11	15-Aug-11	DW2
<i>Catocala amica</i>	Gaston: near Mountain View	08-Jul-11	11-Aug-11	DW2
<i>Catocala amica</i>	Montgomery: Uwharrie National Forest, near Cotton Rd.	15-Jul-11	10-Aug-11	DW2
<i>Catocala andromedae</i>	Transylvania: Pisgah Forest	16-Aug-10	18-Aug-10	DW2
<i>Catocala andromedae</i>	Stanly: near Badin, Uwharrie National Forest	11-Jun-11	10-Jul-11	DW2
<i>Catocala andromedae</i>	Cabarrus: Concord	12-Jun-11	21-Jun-11	DW2
<i>Catocala andromedae</i>	Transylvania: Pisgah Forest	17-Jun-11	19-Jun-11	DW2
<i>Catocala andromedae</i>	Gaston: near Mountain View	08-Jul-11		DW2
<i>Catocala angusi</i>	Cabarrus: Concord	08-Aug-11	09-Oct-11	DW2
<i>Catocala angusi</i>	Stanly: near Badin, Uwharrie National Forest	08-Aug-11	13-Oct-11	DW2
<i>Catocala angusi</i>	Montgomery: Uwharrie National Forest, near Cotton Rd.	10-Aug-11	14-Oct-11	DW2
<i>Catocala blandula</i>	Transylvania: Pisgah Forest	18-Jun-11	19-Jun-11	DW2
<i>Catocala cara</i>	Cabarrus: Concord	28-Aug-11	05-Sep-11	DW2
<i>Catocala cara carissima</i>	Cabarrus: Concord	13-Oct-10		DW2
<i>Catocala cerogama</i>	Transylvania: Pisgah Forest	17-Aug-10		DW2
<i>Catocala clintoni</i>	Cabarrus: Concord	21-May-11	15-Jun-11	DW2
<i>Catocala coccinata</i>	Cabarrus: Concord	09-Jun-11	25-Jun-11	DW2
<i>Catocala coccinata</i>	Stanly: near Badin, Uwharrie National Forest	10-Jun-11	23-Jun-11	DW2
<i>Catocala connubialis</i>	Cabarrus: Concord	21-May-11	10-Jul-11	DW2
<i>Catocala connubialis</i>	Stanly: near Badin, Uwharrie National Forest	10-Jun-11	23-Jun-11	DW2
<i>Catocala connubialis</i>	Transylvania: Pisgah Forest	17-Jun-11	19-Jun-11	DW2
<i>Catocala crataegi</i>	Transylvania: Pisgah Forest	19-Jun-11		DW2
<i>Catocala dejecta</i>	Transylvania: Pisgah Forest	18-Aug-10		DW2
<i>Catocala dejecta</i>	Cabarrus: Concord	09-Jun-11	15-Aug-11	DW2
<i>Catocala dejecta</i>	Stanly: near Badin, Uwharrie National Forest	10-Jun-11	10-Aug-11	DW2
<i>Catocala epione</i>	Cabarrus: Concord	09-Jun-11	16-Aug-11	DW2
<i>Catocala epione</i>	Stanly: near Badin, Uwharrie National Forest	10-Jun-11	15-Jul-11	DW2
<i>Catocala epione</i>	Gaston: near Mountain View	08-Jul-11	11-Aug-11	DW2
<i>Catocala epione</i>	Montgomery: Uwharrie National Forest, near Cotton Rd.	15-Jul-11	10-Aug-11	DW2
<i>Catocala flebilis</i>	Transylvania: Pisgah Forest	16-Aug-10	18-Aug-10	DW2
<i>Catocala flebilis</i>	Stanly: near Badin, Uwharrie National Forest	10-Jun-11	13-Oct-11	DW2
<i>Catocala flebilis</i>	Cabarrus: Concord	10-Jun-11	10-Oct-11	DW2
<i>Catocala flebilis</i>	Montgomery: Uwharrie National Forest, near Cotton Rd.	15-Jul-11	10-Aug-11	DW2
<i>Catocala gryneus</i>	Cabarrus: Concord	09-Jun-11	24-Jun-11	DW2
<i>Catocala gryneus</i>	Transylvania: Pisgah Forest	18-Jun-11		DW2
<i>Catocala ilia</i>	Transylvania: Pisgah Forest	16-Aug-10	18-Aug-10	DW2
<i>Catocala ilia</i>	Cabarrus: Concord	09-Jun-11	10-Aug-11	DW2
<i>Catocala ilia</i>	Stanly: near Badin, Uwharrie National Forest	11-Jun-11	30-Aug-11	DW2

Catocala ilia	Gaston: near Mountain View	08-Jul-11	11-Aug-11	DW2
Catocala ilia	Montgomery: Uwharrie National Forest, near Cotton Rd.	15-Jul-11	10-Aug-11	DW2
Catocala illecta	Cabarrus: Concord	11-Jun-11		DW2
Catocala innubens	Stanly: near Badin, Uwharrie National Forest	10-Jun-11	23-Jun-11	DW2
Catocala innubens	Cabarrus: Concord	10-Jun-11	25-Aug-11	DW2
Catocala innubens	Gaston: near Mountain View	08-Jul-11		DW2
Catocala insolabilis	Cabarrus: Concord	09-Jun-11	10-Aug-11	DW2
Catocala insolabilis	Stanly: near Badin, Uwharrie National Forest	10-Jun-11	18-Aug-11	DW2
Catocala judith	Cabarrus: Concord	12-Jun-11	16-Aug-11	DW2
Catocala lacrymosa	Transylvania: Pisgah Forest	16-Aug-10	18-Aug-10	DW2
Catocala lacrymosa	Cabarrus: Concord	23-Jun-11	16-Oct-11	DW2
Catocala lacrymosa	Stanly: near Badin, Uwharrie National Forest	23-Jun-11	13-Oct-11	DW2
Catocala lacrymosa	Gaston: near Mountain View	08-Jul-11	11-Aug-11	DW2
Catocala lacrymosa	Montgomery: Uwharrie National Forest, near Cotton Rd.	15-Jul-11	14-Oct-11	DW2
Catocala lineella	Transylvania: Pisgah Forest	16-Aug-10	18-Aug-10	DW2
Catocala lineella	Cabarrus: Concord	10-Jun-11	21-Aug-11	DW2
Catocala lineella	Stanly: near Badin, Uwharrie National Forest	10-Jun-11	13-Oct-11	DW2
Catocala lineella	Gaston: near Mountain View	08-Jul-11	11-Aug-11	DW2
Catocala lineella	Montgomery: Uwharrie National Forest, near Cotton Rd.	15-Jul-11	10-Aug-11	DW2
Catocala maestosa	Gaston: near Mountain View	11-Aug-11		DW2
Catocala maestosa	Cabarrus: Concord	18-Aug-11	17-Sep-11	DW2
Catocala marmorata	Cabarrus: Concord	09-Jun-11	11-Sep-11	DW2
Catocala marmorata	Stanly: near Badin, Uwharrie National Forest	10-Jun-11	11-Jun-11	DW2
Catocala marmorata	Gaston: near Mountain View	08-Jul-11	11-Aug-11	DW2
Catocala marmorata	Montgomery: Uwharrie National Forest, near Cotton Rd.	10-Aug-11	14-Oct-11	DW2
Catocala micronympha	Cabarrus: Concord	09-Jun-11	25-Jun-11	DW2
Catocala micronympha	Stanly: near Badin, Uwharrie National Forest	10-Jun-11	23-Jun-11	DW2
Catocala micronympha	Transylvania: Pisgah Forest	17-Jun-11	19-Jun-11	DW2
Catocala minuta	Cabarrus: Concord	09-Jun-11	25-Jun-11	DW2
Catocala mira	Stanly: near Badin, Uwharrie National Forest	10-Jun-11	04-Jul-11	DW2
Catocala miranda	Stanly: near Badin, Uwharrie National Forest	10-Jun-11		DW2
Catocala miranda	Transylvania: Pisgah Forest	19-Jun-11		DW2
Catocala nebulosa	Cabarrus: Concord	08-Jul-11	07-Oct-11	DW2
Catocala nebulosa	Montgomery: Uwharrie National Forest, near Cotton Rd.	10-Aug-11	14-Oct-11	DW2
Catocala nebulosa	Gaston: near Mountain View	11-Aug-11		DW2
Catocala neogama	Cabarrus: Concord	10-Jul-11	10-Oct-11	DW2
Catocala obscura	Cabarrus: Concord	04-Jul-11	10-Oct-11	DW2
Catocala obscura	Gaston: near Mountain View	08-Jul-11	11-Aug-11	DW2
Catocala obscura	Stanly: near Badin, Uwharrie National Forest	10-Jul-11	13-Oct-11	DW2
Catocala obscura	Montgomery: Uwharrie National Forest, near Cotton Rd.	15-Jul-11	14-Oct-11	DW2
Catocala palaeogama	Transylvania: Pisgah Forest	16-Aug-10	18-Aug-10	DW2
Catocala palaeogama	Stanly: near Badin, Uwharrie National Forest	20-Jun-11	15-Aug-11	DW2
Catocala palaeogama	Cabarrus: Concord	20-Jun-11	15-Aug-11	DW2
Catocala piatrix	Cabarrus: Concord	15-Jun-11	16-Oct-11	DW2
Catocala piatrix	Stanly: near Badin, Uwharrie National Forest	03-Aug-11		DW2
Catocala pretiosa	Cabarrus: Concord	22-May-11	12-Jun-11	DW2
Catocala residua	Cabarrus: Concord	20-Jun-11	30-Sep-11	DW2
Catocala residua	Stanly: near Badin, Uwharrie National Forest	20-Jun-11	13-Oct-11	DW2
Catocala residua	Gaston: near Mountain View	08-Jul-11	11-Aug-11	DW2
Catocala residua	Montgomery: Uwharrie National Forest, near Cotton Rd.	15-Jul-11	14-Oct-11	DW2
Catocala resecta	Transylvania: Pisgah Forest	16-Aug-10	18-Aug-10	DW2
Catocala robinsoni	Cabarrus: Concord	08-Aug-11	16-Oct-11	DW2
Catocala robinsoni	Montgomery: Uwharrie National Forest, near Cotton Rd.	10-Aug-11	14-Oct-11	DW2
Catocala sappho	Transylvania: Pisgah Forest	16-Aug-10	18-Aug-10	DW2
Catocala similis	Cabarrus: Concord	12-Jun-11	25-Jun-11	DW2
Catocala sordida	Gaston: near Mountain View	08-Jul-11		DW2
Catocala ulalume	Transylvania: Pisgah Forest	16-Aug-10	18-Aug-10	DW2
Catocala ulalume	Cabarrus: Concord	05-Aug-11	10-Oct-11	DW2
Catocala ulalume	Stanly: near Badin, Uwharrie National Forest	10-Aug-11	13-Oct-11	DW2
Catocala ultronia	Cabarrus: Concord	09-Jun-11	15-Jun-11	DW2
Catocala umbrosa	Cabarrus: Concord	05-Jul-11	12-Jul-11	DW2
Catocala vidua	Transylvania: Pisgah Forest	17-Aug-10		DW2
Catocala vidua	Cabarrus: Concord	10-Jul-11	18-Oct-11	DW2
Catocala vidua	Stanly: near Badin, Uwharrie National Forest	08-Aug-11	13-Oct-11	DW2
Catocala vidua	Montgomery: Uwharrie National Forest, near Cotton Rd.	10-Aug-11	14-Oct-11	DW2
Catocala vidua	Gaston: near Mountain View	11-Aug-11		DW2
Megalographa biloba	Cabarrus: Concord	20-Mar-11	22-Oct-11	DW2

<i>Autographa precationis</i>	Cabarrus: Concord	24-Aug-11		DW2
<i>Thioptera nigrofimbria</i>	Cabarrus: Concord	12-Jun-11	17-Sep-11	DW2
<i>Lithacodia musta</i>	Cabarrus: Concord	25-Aug-11	10-Sep-11	DW2
<i>Cerma cerintha</i>	Cabarrus: Concord	15-May-11	22-Aug-11	DW2
<i>Panthea furcilla</i>	Cabarrus: Concord	03-Oct-11	14-Oct-11	DW2
<i>Charadra deridens</i>	Cabarrus: Concord	11-Aug-11	14-Oct-11	DW2
<i>Acronicta afflicta</i>	Cabarrus: Concord	15-Apr-11	16-Sep-11	DW2
<i>Acronicta americana</i>	Cabarrus: Concord	20-Apr-11	22-Aug-11	DW2
<i>Acronicta betulae</i>	Cabarrus: Concord	15-Jun-11	10-Sep-11	DW2
<i>Acronicta connecta</i>	Cabarrus: Concord	22-Apr-11	07-Sep-11	DW2
<i>Acronicta exilis</i>	Cabarrus: Concord	17-May-11	25-Aug-11	DW2
<i>Acronicta funeralis</i>	Cabarrus: Concord	23-Apr-11	20-Aug-11	DW2
<i>Acronicta haesitata</i>	Cabarrus: Concord	25-Apr-11	25-Aug-11	DW2
<i>Acronicta hasta</i>	Cabarrus: Concord	12-Apr-11	15-Sep-11	DW2
<i>Acronicta impleta</i>	Cabarrus: Concord	15-Apr-11	10-Sep-11	DW2
<i>Acronicta increta</i>	Cabarrus: Concord	15-Apr-11	16-Sep-11	DW2
<i>Acronicta interrupta</i>	Cabarrus: Concord	21-Apr-11	21-Aug-11	DW2
<i>Acronicta laetifica</i>	Cabarrus: Concord	20-Apr-11	25-Aug-11	DW2
<i>Acronicta lithospila</i>	Cabarrus: Concord	24-May-11	25-Aug-11	DW2
<i>Acronicta lobeliae</i>	Cabarrus: Concord	15-Apr-11	16-Sep-11	DW2
<i>Acronicta longa</i>	Cabarrus: Concord	20-Apr-11	21-Aug-11	DW2
<i>Acronicta modica</i>	Cabarrus: Concord	21-Apr-11	25-Aug-11	DW2
<i>Acronicta morula</i>	Cabarrus: Concord	17-Jun-11	25-Aug-11	DW2
<i>Acronicta ovata</i>	Cabarrus: Concord	20-May-11	25-Jun-11	DW2
<i>Acronicta retardata</i>	Cabarrus: Concord	27-Apr-11	25-Aug-11	DW2
<i>Acronicta rubricoma</i>	Cabarrus: Concord	20-Apr-11	22-Aug-11	DW2
<i>Acronicta tritona</i>	Cabarrus: Concord	20-Jun-11	21-Aug-11	DW2
<i>Agriopodes fallax</i>	Cabarrus: Concord	15-Apr-11	15-Sep-11	DW2
<i>Polygrammate hebraeicum</i>	Cabarrus: Concord	15-May-11	25-Aug-11	DW2
<i>Harrisimemna trisignata</i>	Cabarrus: Concord	19-Aug-11	24-Aug-11	DW2
<i>Eudryas grata</i>	Cabarrus: Concord	12-Jun-11	16-Aug-11	DW2
<i>Eudryas unio</i>	Cabarrus: Concord	10-Jun-11	15-Sep-11	DW2
<i>Psychomorpha epimenis</i>	Cabarrus: Concord	25-Apr-11		DW2
<i>Amphipyra pyramidoides</i>	Cabarrus: Concord	05-Jul-11	24-Oct-11	DW2
<i>Psaphida resumens</i>	Cabarrus: Concord	15-Mar-11	21-Mar-11	DW2
<i>Psaphida rolandi</i>	Cabarrus: Concord	15-Mar-11	21-Mar-11	DW2
<i>Copivaleria grotei</i>	Cabarrus: Concord	15-Mar-11	15-Apr-11	DW2
<i>Cirrhophanus triangulifer</i>	Cabarrus: Concord	10-Sep-11	16-Sep-11	DW2
<i>Helicoverpa zea</i>	Cabarrus: Concord	16-Aug-11	16-Sep-11	DW2
<i>Schinia rivulosa</i>	Cabarrus: Concord	17-Aug-11	23-Oct-11	DW2
<i>Condica confederata</i>	Cabarrus: Concord	15-Aug-11	10-Sep-11	DW2
<i>Homophoberia apicosa</i>	Cabarrus: Concord	20-Apr-11	16-Sep-11	DW2
<i>Leuconycta diptheroides</i>	Cabarrus: Concord	19-Apr-11	24-Oct-11	DW2
<i>Anterastria teratophora</i>	Cabarrus: Concord	20-Apr-11	10-Sep-11	DW2
<i>Anorthodes tarda</i>	Cabarrus: Concord	22-Apr-11	10-Sep-11	DW2
<i>Dypterygia rozmani</i>	Cabarrus: Concord	10-Jun-11	25-Jun-11	DW2
<i>Chytonix palliatricula</i>	Cabarrus: Concord	24-May-11		DW2
<i>Oligia modica</i>	Cabarrus: Concord	03-Sep-11	17-Sep-11	DW2
<i>Parapamea buffaloensis</i>	Cabarrus: Concord	03-Sep-11	17-Sep-11	DW2
<i>Papaipema polymniae</i>	Cabarrus: Concord	10-Oct-11	12-Oct-11	DW2
<i>Papaipema rutila</i>	Cabarrus: Concord	08-Oct-11	13-Oct-11	DW2
<i>Lithophane bethunei</i>	Cabarrus: Concord	10-Oct-11	24-Oct-11	DW2
<i>Lithophane disposita</i>	Cabarrus: Concord	24-Oct-11		DW2
<i>Lithophane signosa</i>	Cabarrus: Concord	15-Mar-11	24-Oct-11	DW2
<i>Eupsilia cirripalea</i>	Cabarrus: Concord	24-Apr-11		DW2
<i>Metaxaglaea inulta</i>	Cabarrus: Concord	20-Oct-11	25-Oct-11	DW2
<i>Metaxaglaea semitaria</i>	Cabarrus: Concord	25-Oct-11		DW2
<i>Metaxaglaea viatica</i>	Cabarrus: Concord	05-Oct-11	24-Oct-11	DW2
<i>Metaxaglaea violacea</i>	Cabarrus: Concord	08-Oct-11	24-Oct-11	DW2
<i>Epiglaea decliva</i>	Cabarrus: Concord	20-Oct-11	25-Oct-11	DW2
<i>Chaetoglaea sericea</i>	Cabarrus: Concord	24-Oct-11		DW2
<i>Euicroedia pampina</i>	Cabarrus: Concord	03-Oct-11	24-Oct-11	DW2
<i>Agrochola bicolorago</i>	Cabarrus: Concord	03-Oct-11	25-Oct-11	DW2
<i>Orthosia alurina</i>	Cabarrus: Concord	15-Apr-11	24-Apr-11	DW2
<i>Orthosia hibisci</i>	Cabarrus: Concord	15-Mar-11	05-Apr-11	DW2
<i>Crocigrapha normani</i>	Cabarrus: Concord	21-Mar-11		DW2
<i>Himella fidelis</i>	Cabarrus: Concord	15-Apr-11	24-Apr-11	DW2

Egira alternans	Cabarrus: Concord	15-Apr-11	24-Apr-11	DW2
Achatia distincta	Cabarrus: Concord	10-Apr-11	19-Apr-11	DW2
Morrisonia confusa	Cabarrus: Concord	10-May-11	21-May-11	DW2
Morrisonia evicta	Cabarrus: Concord	10-May-11		DW2
Trichordestra legitima	Cabarrus: Concord	16-Jun-11	25-Oct-11	DW2
Mythimna unipuncta	Cabarrus: Concord	15-Mar-11	24-Oct-11	DW2
Lacinipolia explicata	Cabarrus: Concord	03-Sep-11	17-Sep-11	DW2
Lacinipolia implicata	Cabarrus: Concord	03-Sep-11	25-Oct-11	DW2
Tricholita signata	Cabarrus: Concord	13-Oct-11		DW2
Peridroma saucia	Cabarrus: Concord	20-Apr-11	25-Oct-11	DW2
Anicla illapsa	Cabarrus: Concord	17-Mar-11	26-Oct-11	DW2
Anicla infecta	Cabarrus: Concord	03-Oct-11	13-Oct-11	DW2
Anicla lubricans	Cabarrus: Concord	25-Mar-11		DW2
Feltia subterranea	Cabarrus: Concord	20-Oct-11	26-Oct-11	DW2
Agrotis gladiaria	Cabarrus: Concord	20-Oct-11	26-Oct-11	DW2
Agrotis ipsilon	Cabarrus: Concord	25-Mar-11	26-Oct-11	DW2
Cerastis tenebrifera	Cabarrus: Concord	20-Mar-11		DW2
Choephora fungorum	Cabarrus: Concord	10-Oct-11	26-Oct-11	DW2
Noctua pronuba	Cabarrus: Concord	10-Jun-11	24-Oct-11	DW2
Xestia badicollis	Cabarrus: Concord	15-Aug-11	25-Aug-11	DW2
Xestia elimata	Cabarrus: Concord	03-Oct-11	26-Oct-11	DW2
Agnorisma badinodis	Cabarrus: Concord	03-Sep-11	25-Oct-11	DW2
Abagrotis alternata	Cabarrus: Concord	09-Oct-11	23-Oct-11	DW2
EREBIDAE				
Hypoprepia fucosa	Cabarrus: Concord	10-May-11	12-Sep-11	DW2
Hypoprepia miniata	Cabarrus: Concord	17-Jun-11	20-Aug-11	DW2
Grammia figurata	Cabarrus: Concord	13-Jun-11	20-Aug-11	DW2
Grammia parthenice intermedia	Cabarrus: Concord	17-Sep-11	08-Oct-11	DW2
Grammia virgo	Cabarrus: Concord	05-Sep-11		DW2
Apantesis phalerata	Cabarrus: Concord	20-Apr-11	10-Sep-11	DW2
Apantesis vittata	Cabarrus: Concord	20-Apr-11	25-Oct-11	DW2
Pyrrharctia isabella	Cabarrus: Concord	16-Apr-11	25-Aug-11	DW2
Estigmene acrea	Cabarrus: Concord	12-May-11	20-Aug-11	DW2
Spilosoma congrua	Cabarrus: Concord	20-Apr-11	21-Oct-11	DW2
Spilosoma virginica	Cabarrus: Concord	21-Apr-11	10-Oct-11	DW2
Hypercompe scribonia	Cabarrus: Concord	20-Apr-11	15-Sep-11	DW2
Haploa contigua	Cabarrus: Concord	12-Jun-11	25-Jun-11	DW2
Haploa reversa	Cabarrus: Concord	12-Jun-11	25-Jun-11	DW2
Halysidota tessellaris	Cabarrus: Concord	10-May-11	25-Oct-11	DW2
Cisseps fulvicollis	Cabarrus: Concord	15-May-11	24-Oct-11	DW2
EUTELIIDAE				
Paectes oculatrix	Cabarrus: Concord	08-Jun-11	20-Aug-11	DW2
Eutelia pulcherrima	Cabarrus: Concord	19-Apr-11	23-Apr-11	DW2

SOUTH CAROLINA

Butterflies

HESPERIIDAE				
Thorybes bathyllus caught and released	Horry: Myrtle Beach State Park Shelter B2	15-Jun-11	27-Sep-11	RIL
Thorybes bathyllus sighting	Horry: Myrtle Beach State Park Shelter B3 meadow	01-Sep-11	07-Sep-11	RIL
Thorybes pylades photograph	ORANGEBURG: Santee State Park	19-Apr-08		IRP
Thorybes pylades photograph	SPARTANBURG:	28-Apr-10		DA3
Thorybes pylades photograph	SPARTANBURG: Mount Zion Road, Spartanburg	20-Jul-11		IRP
Erynnis brizo photograph	LEXINGTON: Peachtree Rock Heritage Preserve	06-Apr-11		IRP
Erynnis martialis New Jersey tea blooming; photograph	Oconee: Sumter NF; Rich Mtn. Road	21-Jun-11		IRP
Erynnis zarucco photograph	LEXINGTON: Peachtree Rock Heritage Preserve	21-Aug-11		IRP
Amblyscirtes aesculapius photograph	LANCASTER: Cane Creek	08-Jun-11		IRP

Lerodea eufala visiting zinnia flowers; photograph	SPARTANBURG: Mount Zion Road, Spartanburg	07-Aug-10		IRP
Lerema accius photograph	ABBEVILLE: Sumter NF; Long Cane Scenic Area; FS Rd. 505	29-Jun-11		IRP
Ancyloxypha numitor sighting	MCCORMICK:	05-Aug-11		DMF
Copaeodes minima photograph	LEXINGTON: Saluda Shoals Park	07-Jul-11		IRP
Hylephila phyleus caught and released	Horry: Myrtle Beach State Park Shelter B3 Meadow	18-Oct-11		RIL
Polites origenes sighting	LAURENS: Sumter NF - Enoree Ranger District	10-May-11		DMF
Polites origenes female; photograph	SPARTANBURG: Mount Zion Road, Spartanburg	23-May-11		IRP
Polites origenes photograph	GREENWOOD: Ninety Six National Historic Site	30-May-11		IRP
Polites vibex male; photograph	SPARTANBURG:	09-Jul-10		DA3
Polites vibex sighting	FLORENCE: Lynches River County Park	19-Sep-11		IRP
Wallengrenia egeremet photograph	GREENWOOD: Ninety Six National Historic Site	30-May-11		IRP
Problema byssus sighting	LAURENS: Sumter NF	25-Aug-11		DMF
Poanes viator male; photograph	RICHLAND: White House Rd.	26-Apr-11		JW1
Euphyes dion worn	WILLIAMSBURG:	09-Jun-11		DMF
Euphyes dion photograph	CHESTERFIELD: Carolina Sandhills National Wildlife Refuge	14-Jun-11		IRP
PAPILIONIDAE				
Battus philenor on heal-all; photograph	GREENWOOD: Ninety Six National Historic Site	30-May-11		IRP
Battus philenor sighting	ABBEVILLE: Sumter NF; Long Cane Scenic Area; FS Rd. 505	29-Jun-11		IRP
Papilio glaucus caught and released	Horry: Myrtle Beach State Park Yaupon Trail	08-Apr-11		RIL
Papilio polyxenes sighting	Horry: Myrtle Beach State Park Yaupon Trail	15-Apr-11	05-May-11	RIL
Papilio polyxenes sighting	Horry: Myrtle Beach State Park Pond Trail	01-May-11	15-May-11	RIL
Papilio polyxenes sighting	Horry: Myrtle Beach State Park Shelter B3	29-Aug-11		RIL
PIERIDAE				
Anthocharis midea photograph	GREENVILLE:	02-Mar-11		DA3
Colias eurytheme caught and released	Horry: Myrtle Beach State Park Shelter B3	02-Apr-11		RIL
Colias eurytheme sighting	Horry: Myrtle Beach State Park Shelter B2	21-Jun-11		RIL
Colias eurytheme sighting	Horry: Myrtle Beach State Park Grass strip/giftshop	07-Sep-11	11-Sep-11	RIL
Colias eurytheme sighting	Horry: Myrtle Beach State Park Shelter B3 Meadow	05-Oct-11	26-Oct-11	RIL
Colias philodice sighting	NEWBERRY: Sumter NF - Enoree Ranger District	10-May-11		DMF
Zerene cesonia sighting	EDGEFIELD: Sumter NF - Long Cane Ranger District	07-May-11		DMF
Zerene cesonia sighting	MCCORMICK: Fury Ferry Landing	07-May-11		DMF
Phoebis sennae sighting	Horry: Myrtle Beach State Park B3 Meadow	29-Aug-11	07-Nov-11	RIL
Phoebis sennae sighting	Horry: Myrtle Beach State Park Grass strip/gift shop	07-Sep-11		RIL
Eurema दौरa	Jasper: Beck's Landing Rd.	14-Oct-11		DMF
LYCAENIDAE				
Atlides halesus photograph	LEXINGTON: Mooring Lane, Lexington South Carolina	30-Aug-10		IRP

Satyrrium calanus sighting	LAURENS: Sumter NF - Enoree Ranger District	10-May-11		DMF
Satyrrium calanus photograph	LEXINGTON: Peachtree Rock Heritage Preserve	13-May-11		IRP
Satyrrium calanus photograph	CHESTERFIELD: Carolina Sandhills National Wildlife Refuge	19-May-11		IRP
Satyrrium calanus photograph	SPARTANBURG: Mount Zion Road, Spartanburg	23-May-11		IRP
Satyrrium calanus photograph	UNION: Blackstock Battlefield State Historic Site	23-May-11		IRP
Satyrrium calanus photograph	GREENWOOD: Ninety Six National Historic Site	30-May-11		IRP
Satyrrium favonius photograph	LEXINGTON: Mooring Lane Lexington, SC	08-May-10		IRP
Satyrrium liparops	NEWBERRY: Sumter NF - Enoree Ranger District	13-May-11		RW1
Satyrrium titus sighting	SUMTER: Manchester State Forest	03-Jun-11		DMF
Satyrrium titus photograph	NEWBERRY: Cromer Road; Sumter National Forest	04-Jun-11		IRP
Callophrys gryneus sighting	UNION: Rose Hill Plantation State Historic Site	13-Apr-11		IRP
Callophrys henrici on red bud; photograph	CHESTER: Landsford Canal State Park	17-Mar-11		IRP
Callophrys henrici caught and released	Horry: Myrtle Beach State Park Shelter B3 Meadow	02-Apr-11		RIL
Callophrys nippon photograph	LANCASTER: Forty Acre Rock Heritage Preserve	09-Apr-11		IRP
Callophrys nippon photograph	CHESTER: Rocky Creek Conservation Property, Great Falls	30-Apr-11		IRP
Celastrina ladon photograph	CHESTER: Landsford Canal State Park	17-Mar-11		IRP
Celastrina ladon caught and released	Horry: Myrtle Beach State Park Oak Trail	22-Mar-11		RIL
Celastrina ladon sighting	Horry: Myrtle Beach State Park Pond Trail	14-Apr-11		RIL
NYMPHALIDAE				
Danaus plexippus sighting	Horry: Myrtle Beach State Park Shelter B3 Meadow	07-Sep-11	07-Nov-11	RIL
Lethe anthedon photograph	LAURENS: Musgrove Mill State Park floodplain forest	10-Aug-10		IRP
Lethe anthedon photograph	ABBEVILLE: Sumter NF; Long Cane Scenic Area; FS Rd. 505	29-Jun-11		IRP
Lethe creola photograph	DILLON: Pee Dee River floodplain	28-May-08		IRP
Lethe creola photograph	LANCASTER: Cane Creek	08-Jun-11		IRP
Cercyonis pegala sighting	ABBEVILLE: Sumter NF; Long Cane Scenic Area; FS Rd. 505	29-Jun-11		IRP
Megisto cymela sighting	ABBEVILLE: Sumter NF; Long Cane Scenic Area; FS Rd. 505	29-Jun-11		IRP
Agraulis vanillae sighting	Horry: Myrtle Beach State Park Shelter B3 Meadow	29-Aug-11	07-Nov-11	RIL
Agraulis vanillae sighting	Horry: Myrtle Beach State Park gift shop	11-Sep-11	18-Oct-11	RIL
Euptoieta claudia sighting	Horry: Myrtle Beach State Park Shelter B3 Meadow	26-May-11	27-Jun-11	RIL
Limnitis archippus sighting	MCCORMICK: Fury Ferry Landing	07-May-11		DMF
Vanessa atalanta sighting	Horry: Myrtle Beach State Park Oak Trail	13-Feb-11		RIL
Vanessa virginiensis caught and released	Horry: Myrtle Beach State Park Shelter B3 Meadow	02-Apr-11		RIL
Nymphalis antiopa sighting	WILLIAMSBURG: Brown's Chapel Road	19-May-11		DMF
Junonia coenia sighting	Horry: Myrtle Beach State Park Shelter B3 Meadow	08-May-11	13-Oct-11	RIL
Chlosyne nycteis photograph	ABBEVILLE: Sumter NF; Long Cane Scenic Area; FS Rd. 505	29-Jun-11		IRP

Moths**ADELIDAE**

Adela caeruleella RICHLAND: Congaree National Park 24-Apr-10 CS3
STATE RECORD

HELIOZELIDAE

Antispila nysaefoliella RICHLAND: Congaree National Park 14-May-10 CS3
STATE RECORD

ACROLOPHIDAE

Amydria effrentella RICHLAND: Congaree National Park 17-Sep-10 CS3
STATE RECORD

TINEIDAE

Nemapogon angulifasciella RICHLAND: Congaree National Park 17-Sep-10 CS3
STATE RECORD

Nemapogon variatella RICHLAND: Congaree National Park 17-Apr-10 CS3
STATE RECORD

Mea bipunctella RICHLAND: Congaree National Park 14-May-10 CS3
STATE RECORD

Mea Skinnerella RICHLAND: Congaree National Park 30-Sep-10 CS3
STATE RECORD

BUCCULATRICIDAE

Bucculatrix coronatella RICHLAND: Congaree National Park 17-Apr-10 CS3
STATE RECORD

GRACILLARIIDAE

Caloptilia belfrageella RICHLAND: Congaree National Park 17-Sep-10 CS3
STATE RECORD

Caloptilia hypericella RICHLAND: Congaree National Park 17-Sep-10 CS3
STATE RECORD

Caloptilia packardella RICHLAND: Congaree National Park 17-Sep-10 CS3
STATE RECORD

Caloptilia rhoifoliella RICHLAND: Congaree National Park 17-Sep-10 CS3
STATE RECORD

Micrurapteryx salicifoliella RICHLAND: Congaree National Park 17-Sep-10 CS3
STATE RECORD

Acrocercops astericola RICHLAND: Congaree National Park 13-Oct-10 CS3
STATE RECORD

Cameraria conglomeratella RICHLAND: Congaree National Park 16-Apr-10 CS3
STATE RECORD

Cameraria guttifinitella RICHLAND: Congaree National Park 22-Sep-10 CS3
STATE RECORD

GELECHIIDAE

Theisoa constrictella RICHLAND: Congaree National Park 23-Apr-10 CS3
STATE RECORD

Aristotelia intermediella RICHLAND: Congaree National Park 19-Mar-10 CS3
STATE RECORD

Aristotelia roseosuffusella RICHLAND: Congaree National Park 19-Mar-10 CS3
STATE RECORD

Evippe prunifoliella RICHLAND: Congaree National Park 14-May-10 CS3
STATE RECORD

Coleotechnites canusella RICHLAND: Congaree National Park 14-May-10 CS3
STATE RECORD

Coleotechnites chilcotti RICHLAND: Congaree National Park 14-May-10 CS3
STATE RECORD

Coleotechnites condignella RICHLAND: Congaree National Park 14-May-10 CS3
STATE RECORD

Coleotechnites quercivorella RICHLAND: Congaree National Park 20-Mar-10 CS3
STATE RECORD

Coleotechnites variella RICHLAND: Congaree National Park 14-May-10 CS3
STATE RECORD

Pseudochelaria walsinghami RICHLAND: Congaree National Park 14-May-10 CS3
STATE RECORD

Pseudotelphusa quercinigracella RICHLAND: Congaree National Park 17-Sep-10 CS3
STATE RECORD

Chionodes formosella RICHLAND: Congaree National Park 14-May-10 CS3
STATE RECORD

Filatima serotinella RICHLAND: Congaree National Park 14-May-10 CS3
STATE RECORD

Aroga argutiola STATE RECORD	RICHLAND: Congaree National Park	23-Apr-10	CS3
Battaristis concinusella STATE RECORD	RICHLAND: Congaree National Park	14-May-10	CS3
Battaristis nigratomella STATE RECORD	RICHLAND: Congaree National Park	23-Apr-10	CS3
Anacamptis agrimoniella STATE RECORD	RICHLAND: Congaree National Park	15-May-10	CS3
Dichomeris laetitiae STATE RECORD	RICHLAND: Congaree National Park	18-Sep-10	CS3
Dichomeris ventrella STATE RECORD	RICHLAND: Congaree National Park	14-May-10	CS3
Dichomeris siren STATE RECORD	RICHLAND: Congaree National Park	22-Sep-10	CS3
Trichotaphe inserta STATE RECORD	RICHLAND: Congaree National Park	16-Apr-10	CS3
BLASTOBASIDAE			
Sceptea aequapulvella STATE RECORD	RICHLAND: Congaree National Park	23-Apr-10	CS3
Spinibitia hodgei STATE RECORD	RICHLAND: Congaree National Park	17-Sep-10	CS3
Calosima dianella STATE RECORD	RICHLAND: Congaree National Park	23-Apr-10	CS3
COLEOPHORIDAE			
Coleophora cratipennella STATE RECORD	RICHLAND: Congaree National Park	16-Apr-10	CS3
Homaledra sabalella STATE RECORD	RICHLAND: Congaree National Park	08-Mar-10	CS3
COSMOPTERIGIDAE			
Melanocinclidis sparsa STATE RECORD	RICHLAND: Congaree National Park	14-May-10	CS3
Limnaecia phragmitella STATE RECORD	RICHLAND: Congaree National Park	25-Jun-10	CS3
Teladoma helianthi STATE RECORD	RICHLAND: Congaree National Park	14-May-10	CS3
Walshia miscecolorella STATE RECORD	RICHLAND: Congaree National Park	09-Sep-10	CS3
CARPOSINIDAE			
Carposina biloba STATE RECORD	RICHLAND: Congaree National Park	17-Sep-10	CS3
GLYPHIPTERIGIDAE			
Glyphidocera juniperella STATE RECORD	RICHLAND: Congaree National Park	23-Apr-10	CS3
LYONETIIDAE			
Philonome clemensella STATE RECORD	RICHLAND: Congaree National Park	14-May-10	CS3
CRAMBIDAE			
Desmia subdivisalis STATE RECORD	RICHLAND: Congaree National Park	25-Jun-10	CS3
Donacaula longirostrella STATE RECORD	RICHLAND: Congaree National Park	14-May-10	CS3
Eoparagyraetis plevie STATE RECORD	RICHLAND: Congaree National Park	14-May-10	CS3
Glaphyria fulminalis STATE RECORD	RICHLAND: Congaree National Park	14-May-10	CS3
Palpita freemanalis STATE RECORD	RICHLAND: Congaree National Park	25-Mar-10	CS3
Pleuroptya fluctuosalis STATE RECORD	RICHLAND: Congaree National Park	26-Jun-10	CS3
Scoparia basalis STATE RECORD	RICHLAND: Congaree National Park	23-Apr-10	CS3
Scoparia cinereomedia STATE RECORD	RICHLAND: Congaree National Park	25-Jun-10	CS3
PYRALIDAE			
Sciota celtidella STATE RECORD	RICHLAND: Congaree National Park	16-Apr-10	CS3

Sciota crassifasciella STATE RECORD	RICHLAND: Congaree National Park	14-May-10	CS3
Oreana unicolorella STATE RECORD	RICHLAND: Congaree National Park	14-May-10	CS3
Acrobasis carpinivorella STATE RECORD	RICHLAND: Congaree National Park	15-May-10	CS3
Acrobasis minimella STATE RECORD	RICHLAND: Congaree National Park	14-May-10	CS3
Acrobasis nuxvorella STATE RECORD	RICHLAND: Congaree National Park	18-Sep-10	CS3
Acrobasis rubrifasciella STATE RECORD	RICHLAND: Congaree National Park	17-Sep-10	CS3
Salebriaria bella STATE RECORD	RICHLAND: Congaree National Park	14-May-10	CS3
Salebriaria rufimaculatella STATE RECORD	RICHLAND: Congaree National Park	25-Jun-10	CS3
Salebriaria fergusonella STATE RECORD	RICHLAND: Congaree National Park	14-May-10	CS3
Salebriaria floridana STATE RECORD	RICHLAND: Congaree National Park	14-May-10	CS3
Tulsa finitella STATE RECORD	RICHLAND: Congaree National Park	14-May-10	CS3
Honora mellinella STATE RECORD	RICHLAND: Congaree National Park	15-May-10	CS3
Unadilla floridensis STATE RECORD	RICHLAND: Congaree National Park	17-Apr-10	CS3
Caudellia apyrella STATE RECORD	RICHLAND: Congaree National Park	17-Sep-10	CS3
Peoria approximella STATE RECORD	RICHLAND: Congaree National Park	14-May-10	CS3
MEGALOPYGIDAE			
Lagoa lacyi STATE RECORD	RICHLAND: Congaree National Park	25-Jun-10	CS3
TORTRICIDAE			
Lobesia cyclopiana STATE RECORD	RICHLAND: Congaree National Park	23-Apr-10	CS3
Lobesia sambuci STATE RECORD	RICHLAND: Congaree National Park	17-Apr-10	CS3
Phaecasiophora confixana STATE RECORD	RICHLAND: Congaree National Park	17-Sep-10	CS3
Olethreutes auricapitana STATE RECORD	RICHLAND: Congaree National Park	14-May-10	CS3
Olethreutes brunneopurpuratus STATE RECORD	RICHLAND: Congaree National Park	17-Sep-10	CS3
Olethreutes concinnana STATE RECORD	RICHLAND: Congaree National Park	23-Apr-10	CS3
Olethreutes furfuranum STATE RECORD	RICHLAND: Congaree National Park	23-Apr-10	CS3
Hedya separatana STATE RECORD	RICHLAND: Congaree National Park	14-May-10	CS3
Rhyacionia aktita STATE RECORD	RICHLAND: Congaree National Park	19-Feb-10	CS3
Phaneta argutipunctana STATE RECORD	RICHLAND: Congaree National Park	17-Sep-10	CS3
Phaneta raracana STATE RECORD	RICHLAND: Congaree National Park	18-Sep-10	CS3
Phaneta umbrastriana STATE RECORD	RICHLAND: Congaree National Park	23-Apr-10	CS3
Eucosma gomonana STATE RECORD	RICHLAND: Congaree National Park	16-Apr-10	CS3
Pelochrista womonana STATE RECORD	RICHLAND: Congaree National Park	13-Aug-10	CS3
Epiblema abruptana STATE RECORD	RICHLAND: Congaree National Park	14-May-10	CS3
Epiblema carolinana STATE RECORD	RICHLAND: Congaree National Park	14-May-10	CS3
Epiblema discretivana STATE RECORD	RICHLAND: Congaree National Park	14-May-10	CS3

<i>Epiblema luctuosissima</i> STATE RECORD	RICHLAND: Congaree National Park	17-Sep-10	CS3
<i>Notocelia illotana</i> STATE RECORD	RICHLAND: Congaree National Park	17-Sep-10	CS3
<i>Sonia paraplesiana</i> STATE RECORD	RICHLAND: Congaree National Park	25-Jun-10	CS3
<i>Pseudexentera costumaculana</i> STATE RECORD	RICHLAND: Congaree National Park	24-Apr-10	CS3
<i>Pseudexentera faracana</i> STATE RECORD	RICHLAND: Congaree National Park	08-Mar-10	CS3
<i>Pseudexentera hodsoni</i> STATE RECORD	RICHLAND: Congaree National Park	09-Mar-10	CS3
<i>Pseudexentera vaccinii</i> STATE RECORD	RICHLAND: Congaree National Park	19-Mar-10	CS3
<i>Gretchena delicatana</i> STATE RECORD	RICHLAND: Congaree National Park	17-Apr-10	CS3
<i>Gretchena delicatana</i> STATE RECORD	RICHLAND: Congaree National Park	24-Apr-10	CS3
<i>Rhopobota finitimana</i> STATE RECORD	RICHLAND: Congaree National Park	23-Apr-10	CS3
<i>Epinotia celtisana</i> STATE RECORD	RICHLAND: Congaree National Park	09-Mar-10	CS3
<i>Epinotia nonana</i> STATE RECORD	RICHLAND: Congaree National Park	14-May-10	CS3
<i>Epinotia xandana</i> STATE RECORD	RICHLAND: Congaree National Park	09-Mar-10	CS3
<i>Ancyliis spireaefolia</i> STATE RECORD	RICHLAND: Congaree National Park	14-May-10	CS3
<i>Larisa subsolana</i> STATE RECORD	RICHLAND: Congaree National Park	19-Mar-10	CS3
<i>Phtheochroa modestana</i> STATE RECORD	RICHLAND: Congaree National Park	25-Jun-10	CS3
<i>Sereda tautana</i> STATE RECORD	RICHLAND: Congaree National Park	19-Mar-10	CS3
<i>Grapholita fana</i> STATE RECORD	RICHLAND: Congaree National Park	23-Apr-10	CS3
<i>Cydia candana</i> STATE RECORD	RICHLAND: Congaree National Park	23-Apr-10	CS3
<i>Ecdytolopha mana</i> STATE RECORD	RICHLAND: Congaree National Park	23-Apr-10	CS3
<i>Acleris chalybeana</i> STATE RECORD	RICHLAND: Congaree National Park	09-Mar-10	CS3
<i>Acleris schalleriana</i> STATE RECORD	RICHLAND: Congaree National Park	24-Apr-10	CS3
<i>Acleris semiannula</i> STATE RECORD	RICHLAND: Congaree National Park	23-Jan-10	CS3
<i>Acleris subnivana</i> STATE RECORD	RICHLAND: Congaree National Park	19-Mar-10	CS3
<i>Argyrotaenia velutinana</i> STATE RECORD	RICHLAND: Congaree National Park	08-Mar-10	CS3
<i>Archips georgiana</i> STATE RECORD	RICHLAND: Congaree National Park	15-May-10	CS3
<i>Clepsis moeschleriana</i> STATE RECORD	RICHLAND: Congaree National Park	20-Mar-10	CS3
<i>Sparganothis niveana</i> STATE RECORD	RICHLAND: Congaree National Park	14-May-10	CS3
<i>Sparganothis umbrana</i> STATE RECORD	RICHLAND: Congaree National Park	15-May-10	CS3
<i>Platynota semiustana</i> STATE RECORD	RICHLAND: Congaree National Park	15-May-10	CS3
<i>Platynota stultana</i> STATE RECORD	RICHLAND: Congaree National Park	17-Sep-10	CS3
<i>Platynota viridana</i> STATE RECORD	RICHLAND: Congaree National Park	17-Sep-10	CS3
<i>Priesterognatha fuligana</i> STATE RECORD	RICHLAND: Congaree National Park	14-May-10	CS3
<i>Henricus contrastanus</i> STATE RECORD	RICHLAND: Congaree National Park	15-May-10	CS3

GEOMETRIDAE

Paleacrita vernata STATE RECORD	RICHLAND: Congaree National Park	22-Jan-10	CS3
Euchlaena muzaria STATE RECORD	RICHLAND: Congaree National Park	23-Apr-10	CS3
Cepphis armataria STATE RECORD	RICHLAND: Congaree National Park	18-Sep-10	CS3
Idaea productata STATE RECORD	RICHLAND: Congaree National Park	24-Apr-10	CS3

NOCTUIDAE

Dyspyralis puncticosta STATE RECORD	RICHLAND: Congaree National Park	14-May-10	CS3
Hyphenodes caducus STATE RECORD	RICHLAND: Congaree National Park	14-May-10	CS3
Zanclagnatha protumnusalis STATE RECORD	RICHLAND: Congaree National Park	15-May-10	CS3
Macrochilo absorptalis STATE RECORD	RICHLAND: Congaree National Park	14-May-10	CS3
Phalaenostola eumelusalis STATE RECORD	RICHLAND: Congaree National Park	25-Jun-10	CS3
Arugisa lutea STATE RECORD	RICHLAND: Congaree National Park	14-May-10	CS3
Zale perculata STATE record, photograph of larva on fetterbush	CHARLESTON: south of Santee Riv. on US 17	01-Jun-11	CG1
Catocala lincolnana STATE RECORD	RICHLAND: Congaree National Park	14-May-10	CS3
Catocala louiseae STATE RECORD	RICHLAND: Congaree National Park	25-Jun-10	CS3
Tripudia balteata STATE RECORD	RICHLAND: Congaree National Park	14-May-10	CS3
Hyperstrotia nana STATE RECORD	RICHLAND: Congaree National Park	25-Jun-10	CS3
Argillophora furcilla STATE RECORD	RICHLAND: Congaree National Park	27-Jun-10	CS3
Cerma cora STATE RECORD	RICHLAND: Congaree National Park	16-Apr-10	CS3
Acronicta morula STATE RECORD	RICHLAND: Congaree National Park	16-Apr-10	CS3
Acronicta noctivaga STATE RECORD	RICHLAND: Congaree National Park	17-Apr-10	CS3
Acronicta ovata STATE RECORD	RICHLAND: Congaree National Park	18-Sep-10	CS3
Apamea remissa indocilis STATE RECORD	RICHLAND: Congaree National Park	18-Sep-10	CS3
Apamea quinteri STATE RECORD	RICHLAND: Congaree National Park	25-Jun-10	CS3
Papaipema lysimachiae STATE RECORD	RICHLAND: Congaree National Park	09-Aug-10	CS3
Eupsilia cirripalea STATE RECORD	RICHLAND: Congaree National Park	20-Feb-10	CS3
Eupsilia sidus STATE RECORD	RICHLAND: Congaree National Park	22-Jan-10	CS3
Eupsilia tristigmata STATE RECORD	RICHLAND: Congaree National Park	23-Jan-10	CS3
Leucania extincta STATE RECORD	RICHLAND: Congaree National Park	25-Jun-10	CS3
Rivula stepheni STATE RECORD	RICHLAND: Congaree National Park	17-Sep-10	CS3
EREBIDAE			
Hypoprepia miniata STATE RECORD	RICHLAND: Congaree National Park	25-Jun-10	CS3

TENNESSEE

Moths**NOCTUIDAE**

Palthis asopialis MV-light	DAVIDSON: Cane Ridge Rd.	24-Oct-11	DTA
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<i>Scolecocampa liburna</i> MV-light	DAVIDSON: Cane Ridge Rd.	06-Jun-11	DTA
<i>Anticarsia gemmatalis</i> MV-light	DAVIDSON: Cane Ridge Rd.	05-Oct-11	DTA
<i>Zale horrida</i> MV-light	DAVIDSON: Cane Ridge Rd.	06-Apr-11	DTA
<i>Catocala cerogama</i> MV-light	DAVIDSON: Cane Ridge Rd.	26-Aug-11	DTA
<i>Catocala epione</i> MV-light	DAVIDSON: Cane Ridge Rd.	01-Jun-11	DTA
<i>Catocala piatrix</i> MV-light	DAVIDSON: Cane Ridge Rd.	12-Aug-11	DTA
<i>Enigmogramma basigera</i> MV-light	DAVIDSON: Cane Ridge Rd.	22-Sep-11	DTA
<i>Rachiplusia ou</i> MV-light	DAVIDSON: Cane Ridge Rd.	09-Jun-11	DTA
<i>Acontia tetragona</i> MV-light	DAVIDSON: Cane Ridge Rd.	24-Jul-11	DTA
<i>Colocasia propinquilinea</i> MV-light	DAVIDSON: Cane Ridge Rd.	18-Mar-11	DTA
<i>Harrisimemna trisignata</i> MV-light	DAVIDSON: Cane Ridge Rd.	19-Jun-11	DTA
<i>Eudryas grata</i> MV-light	DAVIDSON: Cane Ridge Rd.	16-Aug-11	DTA
<i>Psychomorpha epimenis</i> MV-light	DAVIDSON: Cane Ridge Rd.	16-Aug-11	DTA
<i>Psaphida styracis</i> MV-light	DAVIDSON: Cane Ridge Rd.	18-Mar-11	DTA
<i>Azenia obtusa</i> MV-light	DAVIDSON: Cane Ridge Rd.	09-Jun-11	DTA
<i>Heliocheilus turbata</i> MV-light	DAVIDSON: Cane Ridge Rd.	10-Jul-11	DTA
<i>Schinia rivulosa</i> MV-light	DAVIDSON: Cane Ridge Rd.	30-Aug-11	DTA
<i>Perigea xanthioides</i> MV-light	DAVIDSON: Cane Ridge Rd.	08-Aug-11	DTA
<i>Condica videns</i> MV-light	DAVIDSON: Cane Ridge Rd.	08-Apr-11	DTA
<i>Spodoptera frugiperda</i> MV-light	DAVIDSON: Cane Ridge Rd.	11-Nov-11	DTA
<i>Nedra ramosula</i> MV-light	DAVIDSON: Cane Ridge Rd.	24-May-11	DTA
<i>Apamea helva</i> MV-light	DAVIDSON: Cane Ridge Rd.	12-Sep-11	DTA
<i>Papaipema cataphracta</i> MV-light	DAVIDSON: Cane Ridge Rd.	25-Oct-11	DTA
<i>Papaipema nebris</i> MV-light	DAVIDSON: Cane Ridge Rd.	21-Sep-11	DTA
<i>Eupsilia devia</i> MV-light	DAVIDSON: Cane Ridge Rd.	07-Nov-11	DTA
<i>Metaxaglaea viatica</i> MV-light	DAVIDSON: Cane Ridge Rd.	11-Nov-11	DTA
<i>Nephelodes minians</i> MV-light	DAVIDSON: Cane Ridge Rd.	07-Oct-11	DTA
<i>Mythimna unipuncta</i> MV-light	DAVIDSON: Cane Ridge Rd.	23-Jun-11	DTA
<i>Feltia herilis</i> MV-light	DAVIDSON: Cane Ridge Rd.	11-Oct-11	DTA
<i>Feltia jaculifera</i> MV-light	DAVIDSON: Cane Ridge Rd.	06-Oct-11	DTA
<i>Feltia subterranea</i> MV-light	DAVIDSON: Cane Ridge Rd.	11-Nov-11	DTA
<i>Agrotis gladiaria</i> MV-light	DAVIDSON: Cane Ridge Rd.	07-Oct-11	DTA

VIRGINIA

The season in the western portion of Virginia was very late. The Society of Kentucky Lepidoptera visited the Black Mountain area in late April and ventured over the mountain into Virginia. Most early spring species were found in numbers. Early July still found the season about a week late.

Butterflies

HESPERIIDAE

<i>Epargyreus clarus</i>	Wise: SR 160 - 4.1 mi. W. of SR 68.	29-Apr-11		LK1
<i>Erynnis baptisiae</i>	Wise: SR 160 - 4.1 mi. W. of SR 68.	09-Jul-10		LK1
<i>Erynnis baptisiae</i>	Wise: SR 160 - 4.1 mi. W. of SR 68.	29-Apr-11		LK1
<i>Erynnis brizo</i>	Wise: SR 160 - 4.1 mi. W. of SR 68.	29-Apr-11		LK1
<i>Erynnis juvenalis</i>	Wise: SR 160 - 4.1 mi. W. of SR 68.	29-Apr-11		LK1
<i>Amblyscirtes hegon</i>	Wise: SR 160 - 4.1 mi. W. of SR 68.	29-Apr-11		LK1
<i>Amblyscirtes vialis</i>	Wise: SR 160 - 4.1 mi. W. of SR 68.	29-Apr-11		LK1

PAPILIONIDAE

<i>Eurytides marcellus</i>	Wise: SR 160 - 4.1 mi. W. of SR 68.	29-Apr-11		LK1
<i>Eurytides marcellus</i>	Fauquier: 4 mi. N of Markham	30-Apr-11	04-Jun-11	PT1
<i>Eurytides marcellus</i>	Shenandoah: Big Schloss @ 2960 ft.	07-May-11	29-May-11	PT1
<i>Eurytides marcellus</i>	Fairfax: Chantilly	19-May-11		PT1
<i>Battus philenor</i>	Wise: SR 160 - 4.1 mi. W. of SR 68.	29-Apr-11		LK1
<i>Battus philenor</i>	Fauquier: Blue Mountain	30-Apr-11		PT1
<i>Battus philenor</i>	Fairfax: Chantilly	20-May-11		PT1
<i>Battus philenor</i>	Shenandoah: Big Schloss @ 2960 ft.	29-May-11		PT1
<i>Battus philenor</i>	Fauquier: 4 mi. N of Markham	04-Jun-11		PT1
<i>Papilio glaucus</i>	Wise: SR 160 - 4.1 mi. W. of SR 68.	29-Apr-11		LK1
<i>Papilio polyxenes</i>	Wise: SR 160 - 4.1 mi. W. of SR 68.	29-Apr-11		LK1
<i>Papilio polyxenes</i>	Shenandoah: Big Schloss @ 2960 ft.	07-May-11		PT1
<i>Papilio troilus</i>	Wise: SR 160 - 4.1 mi. W. of SR 68.	29-Apr-11		LK1
<i>Papilio troilus</i>	Fauquier: Blue Mountain	30-Apr-11		PT1
<i>Papilio troilus</i>	Fauquier: 4 mi. N of Markham	30-Apr-11	04-Jun-11	PT1

PIERIDAE

<i>Pieris rapae</i>	Wise: SR 160 - 4.1 mi. W. of SR 68.	29-Apr-11		LK1
<i>Pieris virginiensis</i>	Wise: SR 160 - 4.1 mi. W. of SR 68.	29-Apr-11		LK1
<i>Anthocharis midea</i>	Wise: SR 160 - 4.1 mi. W. of SR 68.	29-Apr-11		LK1
<i>Colias eurytheme</i>	Wise: SR 160 - 4.1 mi. W. of SR 68.	29-Apr-11		LK1
<i>Colias philodice</i>	Wise: SR 160 - 4.1 mi. W. of SR 68.	29-Apr-11		LK1

LYCAENIDAE

<i>Feniseca tarquinius</i>	Wise: SR 160 - 4.1 mi. W. of SR 68.	29-Apr-11		LK1
<i>Feniseca tarquinius</i>	Fauquier: 4 mi. N of Markham	04-Jun-11		PT1
<i>Callophrys augustinus croesioides</i>	Wise: SR 160 - 4.1 mi. W. of SR 68.	29-Apr-11		LK1
<i>Callophrys niphon</i>	Wise: SR 160 - 4.1 mi. W. of SR 68.	29-Apr-11		LK1
<i>Calycopis cecrops</i>	Wise: SR 160 - 4.1 mi. W. of SR 68.	29-Apr-11		LK1
<i>Calycopis cecrops</i>	Fairfax: Alexandria	26-May-11		PT1
<i>Strymon melinus</i>	Wise: SR 160 - 4.1 mi. W. of SR 68.	29-Apr-11		LK1
<i>Erora laeta</i>	Wise: SR 160 - 4.1 mi. W. of SR 68.	29-Apr-11		LK1
<i>Cupido comyntas</i>	Wise: SR 160 - 4.1 mi. W. of SR 68.	29-Apr-11		LK1
<i>Cupido comyntas</i>	Fauquier: Blue Mountain	30-Apr-11		PT1
<i>Celastrina neglecta</i>	Wise: SR 160 - 4.1 mi. W. of SR 68.	29-Apr-11		LK1
<i>Glaucoopsyche lygdamus</i>	Wise: SR 160 - 4.1 mi. W. of SR 68.	29-Apr-11		LK1

NYMPHALIDAE

<i>Danaus plexippus</i>	Fairfax: Chantilly	16-Oct-11		PT1
<i>Danaus plexippus</i>	Suffolk: Suffolk	21-Oct-11		PT1
<i>Danaus plexippus</i>	Fairfax: Centreville	23-Oct-11		PT1
<i>Lethe anthedon</i>	Wise: SR 160 - 4.1 mi. W. of SR 68.	09-Jul-10		LK1
<i>Lethe anthedon</i>	Fairfax: Chantilly	01-Jun-11	08-Jun-11	PT1
<i>Cercyonis pegala alope</i>	Wise: SR 160 - 4.1 mi. W. of SR 68.	09-Jul-10		LK1
<i>Cyllopsis gemma</i>	Wise: SR 160 - 4.1 mi. W. of SR 68.	29-Apr-11		LK1
<i>Euptoieta claudia</i>	Fauquier: 4 mi. N of Markham	10-Oct-11		PT1
<i>Speyeria aphrodite</i>	Wise: SR 160 - 4.1 mi. W. of SR 68.	09-Jul-10		LK1
<i>Speyeria aphrodite</i>	Wise: SR 160 - 4.1 mi. W. of SR 68.	29-Apr-11		LK1

A single larva found wandering on the ground. Eclosed on 26 May 2011. Emerged 10 July 2011

Speyeria cybele	Wise: SR 160 - 4.1 mi. W. of SR 68.	09-Jul-10	LK1
Speyeria cybele	Wise: SR 160 - 4.1 mi. W. of SR 68.	29-Apr-11	LK1
Two larva found wandering on the ground eclosed 29 May & 2 June Emerged 17 June 2, Braconid wasps emerged 9 June			
Speyeria cybele	Fauquier: 4 mi. N of Markham	04-Jun-11	PT1
Speyeria diana	Wise: SR 160 - 4.1 mi. W. of SR 68.	29-Apr-11	LK1
Two larva found wandering on the ground. Both eclosed on 2 June & Braconid wasps emerged from both, 28 June & 1 July			
Speyeria diana	Wise: SR 160 - 4.1 mi. W. of SR 68.	09-Jul-11	LK1
Limenitis arthemis astyanax	Shenandoah: Big Schloss @ 2960 ft.	29-May-11	PT1
Asterocampa celtis	Fauquier: 4 mi. N of Markham	04-Jun-11	PT1
Asterocampa clyton	Fairfax: Chantilly	08-Jun-11	PT1
Vanessa atalanta	Fauquier: 4 mi. N of Markham	30-Apr-11	10-Oct-11 PT1
Vanessa virginiensis	Wise: SR 160 - 4.1 mi. W. of SR 68.	29-Apr-11	LK1
Over wintered adult			
Vanessa virginiensis	Shenandoah: Big Schloss @ 2960 ft.	07-May-11	PT1
Polygonia comma	Wise: SR 160 - 4.1 mi. W. of SR 68.	29-Apr-11	LK1
Over wintered adult			
Polygonia comma	Fauquier: 4 mi. N of Markham	04-Jun-11	PT1
Polygonia interrogationis	Fauquier: 4 mi. N of Markham	04-Jun-11	PT1
Junonia coenia	Wise: SR 160 - 4.1 mi. W. of SR 68.	29-Apr-11	LK1
Junonia coenia	Fauquier: 4 mi. N of Markham	30-Apr-11	10-Oct-11 PT1
Chlosyne nycteis	Fairfax: Chantilly	22-May-11	PT1
Chlosyne nycteis	Fauquier: 4 mi. N of Markham	04-Jun-11	PT1
Phyciodes tharos	Wise: SR 160 - 4.1 mi. W. of SR 68.	29-Apr-11	LK1

Moths

THYRIDIDAE

Thyris maculata	Wise: SR 160 - 4.1 mi. W. of SR 68.	29-Apr-11	LK1
Thyris sepulchralis	Wise: SR 160 - 4.1 mi. W. of SR 68.	29-Apr-11	LK1

NOCTUIDAE

Euclidia cuspeida	Wise: SR 160 - 4.1 mi. W. of SR 68.	29-Apr-11	LK1
Zale metata	Wise: SR 160 - 4.1 mi. W. of SR 68.	29-Apr-11	LK1
Zale obliqua	Wise: SR 160 - 4.1 mi. W. of SR 68.	29-Apr-11	LK1
Acronicta noctivaga	Wise: SR 160 - 4.1 mi. W. of SR 68.	29-Apr-11	LK1
Acronicta radcliffei	Wise: SR 160 - 4.1 mi. W. of SR 68.	29-Apr-11	LK1
Acronicta spinigera	Wise: SR 160 - 4.1 mi. W. of SR 68.	29-Apr-11	LK1

Zone 10 Northeast

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

Coordinator: Mark J. Mello

Contributors Cited:

MA : Matthew Arey	FXB : Fred Bower	JD : Julien Delisle
GD : Geoff Dennis	RD : Robert Dirig	KG : Karl R. Gardner
MGA : Matthew C. Garhart	AG : Alex Grkovich	GM : Gerald M. McWilliams
MJM : Mark J. Mello	MS : Michael Sabourin	RHS : Richard H. Smith
PT1 : Paul Thompson	PT2 : Paul M. Thompson	EHW : Ernest Williams
JDY : J. D. Young		

NEWFOUNDLAND

Butterflies

HESPERIIDAE

Pyrgus centaureae freija common	Labrador: Smokey Mtn.; mostly mid-summit	07-Jul-10	14-Jul-10	JD
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PIERIDAE

Colias pelidne common	Labrador: Smokey Mtn. summit	07-Jul-10	14-Jul-10	JD
Colias philodice common at Smokey & present at other sites where Trifolium is present likely permanent resident near cities in LB	Labrador: Smokey Mtn. base; Goose Bay/Happy Valley/N W Rv	07-Jul-11		JD

NYMPHALIDAE

Erebia mancinus common in sphagnum bogs	Labrador: Goose Bay/Happy Valley/North West River region	10-Jul-10		JD
Oeneis bore taygete common	Labrador: Smokey Mtn. summit and mid-summit	07-Jul-10	14-Jul-10	JD
Oeneis jutta terraenovae common in sphagnum bogs	Labrador: Goose Bay/Happy Valley/North West River region	10-Jul-10		JD
Oeneis melissa 10	Labrador: Smokey Mtn.	07-Jul-10	14-Jul-10	JD
Boloria chariclea common	Labrador: Smokey Mtn.	12-Jul-10	14-Jul-10	JD
Boloria eunomia tricularis common at mid-summit, rare at summit	Labrador: Smokey Mtn.; mostly mid-summit	07-Jul-10	14-Jul-10	JD
Boloria frigga saga 3; late dates	Labrador: Smokey Mtn.; mid-summit	07-Jul-10	14-Jul-10	JD

Moths**HEPIALIDAE**

Sthenopis argenteomaculatus 1	Labrador: North West River	10-Jul-10		JD
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GEOMETRIDAE

Digrammia rippertaria common	Labrador: Smokey Mtn. summit and mid-summit	07-Jul-10	14-Jul-10	JD
Cabera borealis very common; mostly diurnal	Labrador: Smokey Mtn.; base and mid-summit	07-Jul-10	14-Jul-10	JD
Aspitates conspersarius common at light and diurnal	Labrador: Smokey Mtn. summit	07-Jul-10	14-Jul-10	JD
Lobophora nivigerata common	Labrador: Smokey Mtn.	07-Jul-10	14-Jul-10	JD

THYATIRIDAE

Euthyatira pudens 1	Labrador: Smokey Mtn. summit	08-Jul-10		JD
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NOCTUIDAE

Sympistis diasema common; mostly nocturnal; mud puddlers and flower visitors	Labrador: Smokey Mtn.	07-Jul-10	14-Jul-10	JD
Sympistis funebris 1; at light	Labrador: North West River	10-Jul-10		JD
Sympistis funebris 1; diurnal	Labrador: Smokey Mtn.	12-Jul-10		JD
Sympistis heliophila common; diurnal only	Labrador: Smokey Mtn.	07-Jul-10	14-Jul-10	JD
Anarta luteola common; diurnal; mudpuddlers	Labrador: Smokey Mtn.	07-Jul-10	14-Jul-10	JD
Anarta melanopa common; diurnal; mudpuddlers	Labrador: Smokey Mtn.	07-Jul-10	14-Jul-10	JD
Lasionycta leucocycla common day flier; occasional at light	Labrador: Smokey Mtn. summit	11-Jul-10	14-Jul-10	JD
Euxoa westermanni common	Labrador: Smokey Mtn. summit	07-Jul-10	14-Jul-10	JD
Xestia okakensis common	Labrador: Smokey Mtn. summit	07-Jul-10	14-Jul-10	JD
Xestia scropulana 1	Labrador: Smokey Mtn. summit	13-Jul-10		JD

EREBIDAE

Grammia quenseli 1; diurnal	Labrador: Smokey Mtn. summit	12-Jul-10		JD
Grammia quenseli gelida 1; diurnal	Labrador: Smokey Mtn. summit	12-Jul-10		JD
Platarctia parthenos borealis common; mostly nocturnal	Labrador: Smokey Mtn.	07-Jul-10	14-Jul-10	JD

CONNECTICUT

Butterflies**HESPERIIDAE**

Hylephila phyleus 1 male, 1 female	New Haven: Guilford, Jared Elliot Preserve	20-Aug-11		MA
Atalopedes campestris 3 males, total	New Haven: Madison Bauer Farm); Guilford (Jared Elliot Pres.)	24-Jul-11	20-Aug-11	MA

PAPILIONIDAE

Eurytides marcellus worn stray female	New Haven: Guilford, Jared Elliot Preserve	20-Aug-11	MA
Battus philenor 2 males	New Haven: Meriden, Hanging Hills	22-May-11	MA
Battus philenor male	Litchfield: Canaan	05-Aug-11	MA
Papilio cresphontes 1 male each date	New Haven: Madison, Bauer Farm; Guilford, Jared Elliot Pres.	24-Jul-11	20-Aug-11 MA
Papilio cresphontes 9 males, 7 females; w. Matt Arey	Litchfield: Canaan	05-Aug-11	AG

PIERIDAE

Pieris virginiensis 12 males; w. Matt Arey	New Haven: Branford	01-May-11	AG
Anthocharis midea 20 males, 15 females; w. Matt Arey	New Haven: Guilford, Bluff Head Park	01-May-11	AG
Colias eurytheme common; courtship behavior observed; late date	Hartford: West Simsbury	26-Nov-11	PT1
Phoebis sennae 1	New Haven: Guilford, Jared Elliot Preserve	20-Aug-11	MA

LYCAENIDAE

Callophrys gryneus 10 males; w. Matt Arey	New Haven: Guilford, Bluff Head Park	01-May-11	AG
Calycopis cecrops 2 males	New Haven: Guilford, Jared Elliot Preserve	20-Aug-11	MA

NYMPHALIDAE

Libytheana carinenta bachmanii 3 males	New Haven: Chaffinch Island Park, Guilford	20-Aug-11	MA
Danaus plexippus female, aberration near "megalippe"	New Haven: Madison.	24-Jul-11	MA
Asterocampa celtis 15 males, 6 females maximum number; w. Matt Arey	New Haven: Guilford, Chaffinch Is Park & Jared Elliot Prev.	20-Aug-11	AG
Asterocampa clyton 3 worn females; w. Matt Arey	Berkshire: Sheffield	05-Aug-11	AG
Asterocampa clyton 1; 2 males respectively	New Haven: Guilford; Chaffinch Is Park Jarod Elliot Prev.	20-Aug-11	MA

DELAWARE**Butterflies****HESPERIIDAE**

Erynnis baptisiae via David Amadio & Chris Herz	KENT: Bombay Hook NWR	13-Aug-11	RHS
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NYMPHALIDAE

Libytheana carinenta via David Amadio	KENT: Bombay Hook NWR	13-Aug-11	RHS
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MAINE**Butterflies****HESPERIIDAE**

Hesperia comma laurentina fresh adults nectaring at Centaurea maculosa	Aroostook: N. of Crystal along dirt road	21-Aug-11	22-Aug-11	RD
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PAPILIONIDAE

Papilio canadensis	Penobscot: Orono	30-May-06	MGA
Papilio canadensis	Penobscot: Brewer	11-Jun-06	MGA
Papilio canadensis	Hancock: Highway 9	10-Jun-07	MGA
Papilio canadensis	Washington: Bedington	10-Jun-07	MGA
Papilio canadensis	Penobscot: Passadumkeag, Goulds Ridge Road	10-Jun-08	MGA
Papilio polyxenes	Penobscot: Orono	30-Jul-06	MGA

PIERIDAE

Colias eurytheme	Penobscot: Orono	19-Jul-06	MGA
Colias eurytheme	Penobscot: Orono	06-Aug-06	MGA
Colias interior Among blueberries	Hancock: Franklin Blueberry Barrens	16-Jun-06	MGA
Colias interior Among blueberries	Washington: Hwy 1, Wescogus cemetery	16-Jun-06	MGA

<i>Colias interior</i> Among blueberries	Piscataquis: Golden Road	07-Jul-06	MGA
<i>Colias philodice</i> U.M. trails; also K.D. Garhart, observer	Penobscot: City of Old Town	08-May-06	MGA
<i>Colias philodice</i>	Waldo: Searsport, Moosman Park	28-May-06	MGA
LYCAENIDAE			
<i>Feniseca tarquinius</i>	Penobscot: Brewer	18-Jun-06	MGA
<i>Feniseca tarquinius</i>	Penobscot: Orono	02-Sep-07	MGA
<i>Lycaena hyllus</i>	Penobscot: Orono	16-Jul-07	MGA
<i>Lycaena phlaeas</i>	Penobscot: Brewer	11-Jun-06	MGA
<i>Lycaena phlaeas</i>	Hancock: Highway 9	09-Aug-06	MGA
<i>Lycaena phlaeas</i>	Washington: Bedington	10-Jun-07	MGA
<i>Satyrrium acadica</i>	Penobscot: Orono	16-Jul-07	MGA
<i>Satyrrium calanus</i>	Penobscot: Medway reststop, Interstate 95	03-Jul-06	MGA
<i>Satyrrium titus</i> 6 males	Kennebec: Vassalboro	06-Jul-11	MA
<i>Callophrys augustinus</i>	Penobscot: Sunkhaze Meadows near Milford	18-May-08	MGA
<i>Callophrys lanoraieensis</i>	Penobscot: Passadumkeag, Goulds Ridge Road	10-Jun-08	MGA
<i>Callophrys lanoraieensis</i> 25; abundant along fire road, absent inside bog; w. Matt Arey	Piscataquis: T2 R9 WELS	05-Jun-11	AG
<i>Callophrys niphon</i>	Washington: Bedington	10-Jun-07	MGA
<i>Callophrys niphon</i>	Penobscot: Sunkhaze Meadows near Milford	18-May-08	MGA
<i>Callophrys niphon</i>	Penobscot: Passadumkeag, Goulds Ridge Road	25-May-08	MGA
<i>Celastrina neglecta</i>	Penobscot: Sunkhaze Meadows near Milford	18-May-08	MGA
NYMPHALIDAE			
<i>Lethe anthedon</i>	Penobscot: Orono	01-Jul-06	MGA
<i>Lethe anthedon</i>	Piscataquis: Golden Road	07-Jul-06	MGA
<i>Lethe eurydice</i>	Penobscot: Orono	13-Jul-07	MGA
<i>Coenonympha tullia inornata</i>	Hancock: Highway 9	13-Jun-06	MGA
<i>Coenonympha tullia inornata</i>	Penobscot: Orono	13-Jun-06	MGA
<i>Megisto cymela</i>	Penobscot: Orono	19-Jun-06	MGA
<i>Oeneis jutta ascerta</i> 10 males, 6 females; w. M. Arey	Piscataquis: T2 R9 WELS	05-Jun-11	AG
<i>Oeneis jutta ascerta</i> 5 males, 2 females; w. M. Arey	Penobscot: Alton Bog - Alton	05-Jun-11	AG
<i>Speyeria cybele</i>	Piscataquis: Golden Road	07-Jul-06	MGA
<i>Speyeria cybele</i>	Penobscot: Orono	19-Jul-06	MGA
<i>Boloria selene</i>	Penobscot: Orono	13-Jun-06	MGA
<i>Boloria selene</i>	Penobscot: Passadumkeag, Goulds Ridge Road	10-Jun-08	MGA
<i>Boloria eunomia dawsoni</i> sight record w. Matt Arey	Piscataquis: T2 R9 WELS	05-Jun-11	AG
<i>Boloria eunomia dawsoni</i> 2 males, 1 female	Oxford: Pit Rd. Bog, Adamstown, PLT	19-Jun-11	MA
<i>Limnitis archippus</i>	Penobscot: Bangor	24-Jul-07	MGA
<i>Limnitis arthemis</i>	Piscataquis: Golden Road	07-Jul-06	MGA
<i>Limnitis arthemis</i>	Penobscot: Orono	30-Jul-06	MGA
<i>Vanessa atalanta</i>	Penobscot: Orono	25-May-07	MGA
<i>Vanessa virginiensis</i>	Penobscot: Orono	30-May-06	MGA
<i>Aglais milberti</i>	Penobscot: Orono	08-Jul-07	MGA
<i>Polygonia comma</i>	Penobscot: East Corinth	25-May-07	MGA
<i>Polygonia gracilis</i> 2 females; w. Matt Arey	Piscataquis: T2 R9 WELS	05-Jun-11	AG
<i>Polygonia progne</i>	Penobscot: Sunkhaze Meadows near Milford	18-May-08	MGA
<i>Chlosyne harrisii</i>	Penobscot: Eddington	18-Jun-06	MGA
<i>Chlosyne harrisii</i>	Penobscot: Orono	19-Jun-06	MGA
<i>Chlosyne harrisii</i> many past peak; w. Mark Walker	Coos: Scotts Bog	20-Jul-11	AG
<i>Phyciodes cocyta</i>	Penobscot: Orono	15-Jun-06	MGA
<i>Phyciodes cocyta</i>	Piscataquis: Golden Road	07-Jul-06	MGA
Moths			
COSSIDAE			
<i>Prionoxystus macmurtrei</i>	Penobscot: Orono	15-Jun-07	MGA
LIMACODIDAE			
<i>Euclea delphinii</i> also K.D. Garhart, observer	Penobscot: Orono	24-Jun-07	MGA
GEOMETRIDAE			

Macaria truncataria	Penobscot: Passadumkeag, Goulds Ridge Road	28-May-08	MGA
Euchlaena serrata	Penobscot: Orono	08-Jul-06	MGA
Campaea perlata also K.D. Garhart, observer	Penobscot: Orono	11-Jun-06	MGA
Plagodis serinaria	Penobscot: Orono	15-Jun-07	MGA
Caripeta piniata also K.D. Garhart, observer	Penobscot: Old Town	14-Jul-07	MGA
Tetracis crocallata also K.D. Garhart, observer	Penobscot: Orono	01-Jul-06	MGA
THYATIRIDAE			
Habrosyne scripta	Penobscot: Orono	08-Jul-06	MGA
DREPANIDAE			
Drepana arcuata	Penobscot: Orono	08-Jul-06	MGA
Oreta rosea also K.D. Garhart, observer	Penobscot: Orono	26-Jun-07	MGA
LASIOCAMPIDAE			
Phylodesma americana also K.D. Garhart, observer	Penobscot: Orono	03-Jul-06	MGA
SATURNIIDAE			
Actias luna	Penobscot: Orono	25-Jun-06	MGA
Actias luna	Penobscot: Bangor	10-Jun-08	MGA
Actias luna	Penobscot: Veasie	15-Jun-08	MGA
Callosamia promethea	Penobscot: Bangor	15-Jun-07	MGA
SPHINGIDAE			
Sphinx drupiferarum also K.D. Garhart, observer	Penobscot: Bangor	15-Jun-07	MGA
Lapara bombycoides also K.D. Garhart, observer	Penobscot: Orono	01-Jul-06	MGA
Paonias myops also K.D. Garhart, observer	Penobscot: Old Town	14-Jul-07	MGA
Pachysphinx modesta	Penobscot: Orono	16-Jul-07	MGA
Hemaris gracilis also K.D. Garhart, observer	Washington: Harrington	16-Jun-06	MGA
Darapsa choerilus also K.D. Garhart, observer	Penobscot: Orono	28-Jun-07	MGA
Darapsa myron	Penobscot: Orono	25-Jun-06	MGA
NOTODONTIDAE			
Clostera albosigma also K.D. Garhart, observer	Penobscot: Orono	30-May-06	MGA
Clostera brucei also K.D. Garhart, observer	Penobscot: Orono	26-Jun-07	MGA
Furcula modesta	Penobscot: Orono	03-Jul-06	MGA
Datana angusii also K.D. Garhart, observer	Penobscot: Orono	26-Jun-07	MGA
Peridea ferruginea	Penobscot: Orono	05-Jul-06	MGA
Symmerista canicosta	Penobscot: Orono	29-Jun-06	MGA
EREBIDAE			
Grammia virgo	Penobscot: Orono	08-Jul-06	MGA
Grammia virgo also K.D. Garhart, observer	Penobscot: Old Town	14-Jul-07	MGA
Grammia virgo	Penobscot: Sunkhaze Meadows near Milford	18-May-08	MGA
Pyrrharctia isabella also K.D. Garhart, observer	Penobscot: Orono	01-Jul-06	MGA
Haploa lecontei	Penobscot: Orono	08-Jul-06	MGA
Ctenucha virginica	Penobscot: Orono	25-Jun-06	MGA

MARYLAND

Butterflies

HESPERIIDAE

Epargyreus clarus	Baltimore: Perry Hall	10-Aug-11	JDY
Erynnis juvenalis	Baltimore: Perry Hall	10-Aug-11	JDY
Ancyloxypha numitor	Baltimore: Marshy Point Nature Center	04-Jun-11	JDY
Atalopedes campestris via Patricia Durkin	WASHINGTON: Maryland Heights slope, Harpers Ferry NHP	10-Jul-02	RHS
Wallengrenia otho via Richard Orr	CAROLINE: Idylwild WMA	15-Jul-11	RHS

Wallengrenia otho via Rick Cheicante	HARFORD: Anita Leight Estuary Center	24-Jul-11		RHS
Wallengrenia otho via Rick Borchelt	QUEEN ANNES: Chesapeake Bay Environmental Center	29-Jul-11		RHS
Euphyes vestris 2 adults	Baltimore: Perry Hall, Cowenton Park	26-Sep-11		JDY
PAPILIONIDAE				
Papilio glaucus Nectaring on Lythrum salicaria	Baltimore: Perry Hall	10-Jul-11		JDY
Papilio troilus	Baltimore: Marshy Point Nature Center	04-Jun-11		JDY
PIERIDAE				
Pieris rapae reared from pupa	Baltimore: Dundalk	13-Jun-11		JDY
Pieris rapae	Baltimore: Perry Hall	10-Jul-11		JDY
Colias eurytheme	Charles: Faulkner	30-Oct-11	13-Nov-11	PT2
Colias philodice	Baltimore: Marshy Point Nature Center	16-Sep-11		JDY
LYCAENIDAE				
Feniseca tarquinius via Thom Wilson	BALTIMORE CITY: Bohemian National Cemetary	08-Jul-11		RHS
Satyrrium favonius ontario via Bob Gardner	CECIL: vic. Elk Neck State Forest	07-Jun-08		RHS
Satyrrium titus via Dave Smith	FREDERICK: Audrey Carroll Audubon Sanctuary, Mt Airy	10-Jul-05		RHS
Satyrrium titus via David Amadio	KENT: Eastern Neck NWR	10-Jun-11		RHS
Celastrina lucia via Harry Pavulaan	GARRETT: Friendsville	07-May-88		RHS
Celastrina lucia via Harry Pavulaan	GARRETT: nr. Browning Mill	13-May-91		RHS
NYMPHALIDAE				
Danaus plexippus	Charles: Faulkner	30-Oct-11		PT2
Lethe anthedon via David Amadio	KENT: Eastern Neck NWR	05-Aug-11		RHS
Megisto cymela	Baltimore: Marshy Point Nature Center	04-Jun-11		JDY
Agraulis vanillae via Jim Stasz	CHARLES: Morgantown	11-Sep-11		RHS
Euptoieta claudia	Charles: Faulkner	30-Oct-11		PT2
Vanessa cardui via Kathleen Lathrop	WASHINGTON: Rohersville	07-Aug-05		RHS
Vanessa virginensis	Charles: Faulkner	30-Oct-11		PT2
Nymphalis antiopa via Lance Biechele	WICOMICO: Sharptown	19-Apr-10		RHS
Nymphalis antiopa via Lance Biechele	SOMERSET: Princess Anne	10-Apr-11		RHS
Junonia coenia via Kathleen Lathrop	WASHINGTON: Rohersville	01-Jul-06		RHS
Chlosyne damoetas	Baltimore: Perry Hall	10-Jul-11		JDY
Moths				
INCURVARIIDAE				
Paraclemensia acerifoliella Black light Trap	Baltimore: Baltimore City	10-Jun-11		JDY
Phylloporia bistrigella Black light Trap	Baltimore: Baltimore City	30-Jun-11		JDY
ACROLOPHIDAE				
Acrolophus plumifrontella Black light Trap	Baltimore: Hunt Valley	30-Jun-11		JDY
Acrolophus plumifrontella at light	Baltimore: Perry Hall	10-Jul-11		JDY
TINEIDAE				
Homosetia argentinotella Black light Trap	Baltimore: Baltimore City	10-Jun-11		JDY
Niditinea orleansella at light	Baltimore: Perry Hall	02-Jun-11	07-Jun-11	JDY
Monopis pavloski at light	Baltimore: Perry Hall	12-May-11	12-Sep-11	JDY
PSYCHIDAE				

Psyche casta at light	Baltimore: Perry Hall	03-Jun-11		JDY
Thyridopteryx ephemeraeformis reared from pupa	Baltimore: Belair	19-Sep-11		JDY
GRACILLARIIDAE				
Caloptilia azaleella at light	Baltimore: Perry Hall	08-Jun-11		JDY
Parectopa robinella 2 adults, Black light Trap	Baltimore: Baltimore City	10-Jun-11		JDY
Phyllocnistis populiella Black light Trap	Anne Arundel: Laurel	10-Jun-11		JDY
OECOPHORIDAE				
Promalactis suzukiella at light	Baltimore: Perry Hall	02-Jun-11		JDY
Promalactis suzukiella Black light Trap	Baltimore: Hunt Valley	24-Jun-11		JDY
ELACHISTIDAE				
Agonopterix pulvipennella at light	Baltimore: Perry Hall	11-Jun-11		JDY
Agonopterix robinella Black light Trap	Baltimore: Baltimore City	17-Jun-11		JDY
GELECHIIDAE				
Aristotelia roseosuffusella Black light Trap	Anne Arundel: Laurel	10-Jun-11		JDY
Keiferia lycopersicella reared- confirmed by dissection of M & F	Baltimore: Perry Hall	12-Sep-11		JDY
Keiferia lycopersicella reared- confirmed by dissection of M & F	Baltimore: Perry Hall	26-Nov-11		JDY
Chionodes mediofuscella at light	Baltimore: Perry Hall	12-May-11		JDY
Chionodes thoraceochrella at light	Baltimore: Perry Hall	26-May-11		JDY
Aroga trialbamaculella	Baltimore: Dundalk	21-Jun-11		JDY
BLASTOBASIDAE				
Oegoconia quadripuncta Black light Trap	Baltimore: Baltimore City	17-Jun-11		JDY
Oegoconia quadripuncta 4 adults, Black light Trap	Baltimore: Hunt Valley	08-Jul-11		JDY
COLEOPHORIDAE				
Coleophora mayrella at light	Baltimore: Perry Hall	25-May-11	04-Jun-11	JDY
Coleophora trifolii at light	Baltimore: Perry Hall	12-May-11		JDY
MOMPHIDAE				
Mompha eloisella at light	Baltimore: Perry Hall	06-Jun-11		JDY
PLUTELLIDAE				
Plutella xylostella at light	Baltimore: Perry Hall	26-Apr-11		JDY
Plutella xylostella	Baltimore: Marshy Point Nature Center	21-May-11		JDY
Plutella xylostella Black light Trap	Baltimore: Baltimore City	03-Jun-11		JDY
YPONOMEUTIDAE				
Atteva pustulella Black light Trap	Baltimore: Baltimore City	24-Jun-11	10-Aug-11	JDY
Atteva pustulella at light	Baltimore: Perry Hall	19-Sep-11		JDY
CRAMBIDAE				
Desmia funeralis Black light Trap	Baltimore: Baltimore City	08-Jun-11	17-Jun-11	JDY
Desmia funeralis Black light Trap	Howard: Annapolis Junction	02-Aug-11		JDY
PYRALIDAE				
Pyralis farinalis Black light Trap	Baltimore: Hunt Valley	17-Aug-11		JDY
Macalla superatalis at light	Baltimore: Perry Hall	22-Jun-11		JDY

Aphomia sociella at light	Baltimore: Perry Hall	12-May-11	20-May-11	JDY
Dolichomia binodulalis Black light Trap	Baltimore: Baltimore City	17-Jun-11	30-Jun-11	JDY
Dolichomia binodulalis Black light Trap	Baltimore: Hunt Valley	17-Aug-11		JDY
Dolichomia olinalis at light	Baltimore: Perry Hall	03-Jun-11	08-Jun-11	JDY
Euzophera ostricolorella at light	Baltimore: Perry Hall	24-May-11		JDY
PTEROPHORIDAE				
Geina buscki 4 adults captured at light	Baltimore: Perry Hall	02-Jun-11	06-Jun-11	JDY
Geina tenuidactyla reared from Blackberry	Baltimore: Perry Hall	22-May-11		JDY
Geina tenuidactyla at light	Baltimore: Perry Hall	04-Jun-11	07-Aug-11	JDY
Geina tenuidactyla	Baltimore: Perry Hall	15-Jun-11		JDY
Emmelina monodactyla at light	Baltimore: Perry Hall	01-Jun-11		JDY
ZYGAENIDAE				
Harrisina americana mating pair on oak leaf	Baltimore: Perry Hall	09-Jun-11		JDY
EPIPYROPIIDAE				
Fulgoraacia exigua pupae reared	Baltimore: B. Banneker Historical Park	30-Jul-11		JDY
LIMACODIDAE				
Lithacodes fasciola at light	Baltimore: Perry Hall	02-Jun-11		JDY
TORTRICIDAE				
Episimus argutanus at light	Baltimore: Perry Hall	24-May-11		JDY
Endopiza liriodendrana Black light Trap	Baltimore: Baltimore City	10-Jun-11		JDY
Olethreutes furfurinum Black light Trap	Baltimore: Baltimore City	03-Jun-11		JDY
Phaneta parmatana Black light Trap	Anne Arundel: Laurel	16-Jun-11		JDY
Epiblema obfusca at light	Baltimore: Perry Hall	12-May-11		JDY
Cydia pomonella conf. by dissection	Baltimore: White Marsh	14-Jun-11		JDY
Pandemis limitata at light	Baltimore: Perry Hall	01-Sep-11		JDY
Argyrotaenia quadrifasciana Black light Trap	Baltimore: Baltimore City	30-Jun-11		JDY
Argyrotaenia velutinana at light	Baltimore: Perry Hall	17-Jun-11		JDY
Choristoneura rosaceana Black light Trap	Baltimore: Hunt Valley	18-Jul-11		JDY
Ptycholoma peritana at light	Baltimore: Perry Hall	23-May-11	16-Jul-11	JDY
Ptycholoma peritana conf. by dissection, Black light Trap	Baltimore: Baltimore City	03-Jun-11	30-Jun-11	JDY
Ptycholoma peritana Black light Trap	Anne Arundel: Jessup	01-Jul-11		JDY
GEOMETRIDAE				
Macaria pustularia	Baltimore: Marshy Point Nature Center	04-Jun-11		JDY
Macaria pustularia at light	Baltimore: Perry Hall	02-Jul-11		JDY
Tornos scolopacinaris Black light Trap	Baltimore: Baltimore City	27-May-11		JDY
Haematopis grataria at light	Baltimore: Perry Hall	12-Sep-11		JDY
Scopula limboundata at light	Baltimore: Perry Hall	07-Jun-11		JDY

Eulithis diversilineata at light	Baltimore: Perry Hall	26-Aug-11		JDY
Eulithis gracilineata at light	Baltimore: Perry Hall	06-Jun-11		JDY
Xanthorhoe lacustrata at light	Baltimore: Perry Hall	08-Jun-11		JDY
Xanthorhoe lacustrata Black light Trap	Baltimore: Baltimore City	14-Jun-11	17-Jun-11	JDY
Heterophleps triguttaria Black light Trap	Baltimore: Baltimore City	03-Jun-11		JDY
DREPANIDAE				
Drepana arcuata Black light Trap	Baltimore: Hunt Valley	17-Aug-11		JDY
LASIOCAMPIDAE				
Malacosoma americanum 2 adults	Baltimore: Baltimore City	02-Jun-11		JDY
Malacosoma americanum at light	Baltimore: Perry Hall	07-Jun-11		JDY
SATURNIIDAE				
Eacles imperialis Black light Trap	Baltimore: Hunt Valley	13-Jun-11		JDY
Automeris io	Carroll: Sykesville	19-Jun-11		JDY
SPHINGIDAE				
Ceratomia undulosa Black light Trap	Baltimore: Hunt Valley	13-Jun-11		JDY
Ceratomia undulosa	Baltimore: Timonium Fair Grounds	10-Aug-11		JDY
Hemaris diffinis	Baltimore: Perry Hall	10-Jul-11		JDY
NOTODONTIDAE				
Datana integerrima mating pair	Baltimore: Baltimore City	09-Jun-11		JDY
Symmerista albifrons	Baltimore: Marshy Point Nature center	22-May-11		JDY
NOCTUIDAE				
Lascoria ambigualis at light	Baltimore: Perry Hall	10-Aug-11		JDY
Hypena scabra at light	Baltimore: Perry Hall	11-Aug-11	17-Nov-11	JDY
Hypena scabra	Baltimore: Perry Hall	26-Aug-11		JDY
Caenurgina crassiuscula at light	Baltimore: Perry Hall	04-Apr-11		JDY
Caenurgina erechtea Black light Trap	Baltimore: Baltimore City	27-May-11		JDY
Zale horrida at light	Baltimore: Perry Hall	02-May-11		JDY
Zale lunata 2 adults- lindgren trap	Baltimore: Baltimore City	05-Oct-11		JDY
Zale lunata at light	Baltimore: Towson	23-Nov-11		JDY
Acontia aprica Black light Trap	Baltimore: Hunt Valley	17-Aug-11		JDY
Raphia frater at light	Baltimore: Perry Hall	05-May-11		JDY
Polygrammate hebraeicum 4 adults in Lindgren trap	Baltimore: Baltimore City	05-Oct-11		JDY
Amphipyra pyramidoides Black light Trap	Baltimore: Baltimore City	18-Jul-11	10-Aug-11	JDY
Helicoverpa zea reared from local Sweet Corn	Baltimore: Perry Hall	09-Oct-11		JDY
Spodoptera ornithogalli	Baltimore: Timonium Fair Grounds	10-Aug-11		JDY
Spodoptera ornithogalli at light	Baltimore: Perry Hall	10-Aug-11		JDY
Spodoptera ornithogalli in lindgren trap	Baltimore: Baltimore City	05-Oct-11		JDY
Galgula partita Black light Trap	Baltimore: Baltimore City	10-Jun-11		JDY
Apamea inebriata Black light Trap	Baltimore: Baltimore City	03-Jun-11		JDY

Agrochola bicolorago in lindgren trap	Baltimore: Baltimore City	05-Oct-11		JDY
Leucania linda at light	Baltimore: Perry Hall	05-May-11		JDY
Leucania linda	Baltimore: Perry Hall	08-Jun-11		JDY
Lacinipolia renigera at light	Baltimore: Perry Hall	02-Jun-11	22-Jun-11	JDY
Lacinipolia renigera Black light Trap	Baltimore: Baltimore City	03-Jun-11		JDY
Lacinipolia renigera Black light Trap	Baltimore: Hunt Valley	17-Aug-11		JDY
Anicla infecta at light	Baltimore: Perry Hall	12-Sep-11		JDY
Anicla infecta Black light Trap	Baltimore: Baltimore City	05-Oct-11		JDY
Feltia subterranea at light	Baltimore: Perry Hall	21-Jun-11		JDY
Noctua pronuba	Baltimore: White Marsh	13-Jun-11		JDY
Noctua pronuba Black light Trap	Baltimore: Baltimore City	05-Oct-11		JDY
Xestia c-nigrum Black light Trap	Baltimore: Baltimore City	03-Jun-11		JDY
EREBIDAE				
Apantesis nais Black light Trap	Baltimore: Baltimore City	27-Sep-11		JDY
Pyrrharctia isabella Black light Trap	Baltimore: Baltimore City	11-Aug-11		JDY
Estigmene acrea at light	Baltimore: Perry Hall	25-May-11		JDY
Estigmene acrea Black light Trap	Baltimore: Hunt Valley	13-Jun-11		JDY
Estigmene acrea Black light Trap	Baltimore: Baltimore City	16-Jun-11		JDY
Hyphantria cunea at light	Baltimore: Perry Hall	07-Jul-11		JDY
Lymantria dispar Black light Trap	Baltimore: Baltimore City	08-Jul-11		JDY
NOLIDAE				
Nycteola frigidana	Baltimore: Perry Hall	24-May-11	07-Jun-11	JDY

MASSACHUSETTS

Butterflies

HESPERIIDAE

Hylephila phyleus 1 male	Essex: Newbury (Plum Island)	27-Aug-11		MA
Hylephila phyleus 9 males, 2 females, total	Essex: Ipswich (Appleton Farms); Rockport (Waring Field)	11-Sep-11		MA
Atalopedes campestris 1 female	ESSEX: Rockport, Halibut Point S.P.	11-Sep-11		MA
Poanes zabulon 2 males	Essex: Wenham, Wenham Canal	27-Aug-11		MA

PAPILIONIDAE

Battus philenor male	Middlesex: Wayland	28-May-11		MA
Papilio crespontes	Hampshire: Florence	26-Jun-11		KG
Papilio crespontes male	Berkshire: Otis	05-Aug-11		MA
Papilio crespontes 2 males, 1 female	Berkshire: Great Barrington	05-Aug-11		MA
Papilio crespontes 12 males, 4 females; w. Matt Arey	Berkshire: Sheffield	05-Aug-11		AG
Papilio crespontes male	Berkshire: Stockbridge	05-Aug-11		MA
Papilio polyxenes male & female; ssp./morph near machaon	Essex: Newbury, Old Town Hill	27-May-11		MA

PIERIDAE

Phoebis sennae 1	Essex: Newbury, Plum Island	25-Sep-11		MA
LYCAENIDAE				
Lycaena epixanthe 20 males; 11 females	Essex: Rockport, Waring Field	01-Jul-11		MA
Satyrium caryaevorum 1 female	Norfolk: Canton, Great Blue Hill	07-Jul-11		MA
Satyrium favonius ontario 9 males; 5 females	Norfolk: Canton, Great Blue Hill	26-Jun-11		MA
Satyrium favonius ontario 2 males	Middlesex: Woburn, Horn Pond Mtn.	03-Jul-11		MA
Satyrium favonius ontario 1 female	Essex: Newbury, Old Town Hill	08-Jul-11		MA
Callophrys polios 12 males; 4 females	Plymouth: Carver, Myles Standish S.F.	30-Apr-11		MA
NYMPHALIDAE				
Libytheana carinenta bachmanii 1 male	Essex: Appleton Farms, Ipswich	26-Aug-11		MA
Danaus gilippus berenice male	ESSEX: Salisbury Beach	07-Jul-11		MA
Danaus plexippus late date; temp. 46°F.; After sunning, the Monarch departed high and to the east	Newport: Little Compton; Goosewing Beach	01-Dec-11		GD
Moths				
TORTRICIDAE				
Hilarographa jonesi 1 in uv trap	Barnstable: Eastham - Sandy Meadow Rd.	11-Jul-10		MJM
Hilarographa jonesi 1 in uv trap	PLYMOUTH: Plymouth; near Island Pond	20-Jul-10		MJM
Hilarographa jonesi 1 in uv trap	BARNSTABLE: Bourne - Cape Cod Air Force Station	21-Jul-10		MJM
NOCTUIDAE				
Catocala herodias gerhardi uv light trap	Middlesex: Melrose, Middlesex Fells	10-Jul-11		MJM
Acronicta fragilis uv light trap	Berkshire: Mount Greylock	10-Jun-11		MJM
Acronicta radcliffei uv light trap; 3 locations, present in 4 trap samples	Dukes: Marthas Vineyard, Edgartown	08-Jun-11	11-Jul-11	MJM
Cucullia florea uv light trap	Dukes: Marthas Vineyard, Edgartown	08-Jun-11		MJM
Cucullia intermedia uv light trap	Dukes: Marthas Vineyard, Edgartown	08-Jun-11		MJM
Rhodoecia aurantiago uv light trap	Middlesex: Melrose, Middlesex Fells	07-Aug-11		MJM
Crambodes talidiformis uv light trap	Berkshire: Mount Greylock	10-Jun-11		MJM
Apamea indocilis uv light trap	Berkshire: Mount Greylock	10-Jun-11		MJM
Apamea unanimitas uv light trap	BERKSHIRE: Mount Greylock	10-Jun-11		MJM
Oligia strigilis uv light trap	Middlesex: Melrose, Middlesex Fells	10-Jun-11	19-Jun-11	MJM
Oligia latruncula uv light trap	Dukes: Marthas Vineyard, Edgartown	07-Jun-11		MJM
Oligia latruncula uv light trap	MIDDLESEX: Melrose, Middlesex Fells	10-Jun-11		MJM
Spartiniphaga inops uv light trap; 7 total	Dukes: Marthas Vineyard, Edgartown	14-Sep-11	15-Sep-11	MJM
Lithophane lemmeri mv light trap - 1 individual	BRISTOL: Dartmouth, Lloyd Center for the Environment	14-Apr-11		MJM
EREBIDAE				
Cisthene packardii uv light trap	Middlesex: Melrose, Middlesex Fells	10-Jun-11	19-Jun-11	MJM
Dasychira vagans uv light trap	Dukes: Marthas Vineyard, Edgartown	28-Jun-11		MJM

NEW HAMPSHIRE

Butterflies

HESPERIIDAE

Thymelicus lineola w. Mark Walker	Coos: Scotts Bog	20-Jul-11	AG
Polites mystic w. Mark Walker	Coos: Scotts Bog	20-Jul-11	AG
Polites peckius w. Mark Walker	Coos: Scotts Bog	20-Jul-11	AG
Poanes hobomok dark female "pocahontas" form common; w. Mark Walker	Coos: Scotts Bog	20-Jul-11	AG
Euphyes vestris w. Mark Walker	Coos: Scotts Bog	20-Jul-11	AG

PAPILIONIDAE

Papilio canadensis many worn; w. Mark Walker	Coos: Scotts Bog	20-Jul-11	AG
Papilio polyxenes	Carroll: Glen, Hwy 16	22-Jul-07	MGA

PIERIDAE

Pieris oleracea 1 female	Coos: Wentworth's Loc.	19-Jun-11	MA
Pieris oleracea numerous; w. Mark Walker	Coos: Scotts Bog	20-Jul-11	AG

LYCAENIDAE

Lycaena phlaeas	Rockingham: Portsmouth	20-Jul-07	MGA
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NYMPHALIDAE

Lethe anthedon borealis w. Mark Walker	Coos: Scotts Bog	20-Jul-11	AG
Cercyonis pegala	Rockingham: Portsmouth	20-Jul-07	MGA
Oeneis melissa semidea	Coos: Mt Washington Summit	22-Jul-07	MGA
Limenitis arthemis abundant, including dak, partially banded "prosperina" form; w. Mark Walker	Coos: Scotts Bog	20-Jul-11	AG
Vanessa virginiensis	Rockingham: Portsmouth	20-Jul-07	MGA
Nymphalis antiopa w. Mark Walker	Coos: Scotts Bog	20-Jul-11	AG
Nymphalis antiopa several	Coos: East Inlet Rd.	20-Aug-11	AG
Polygonia faunus both sexes numerous	Coos: East Inlet Rd.	20-Aug-11	AG
Polygonia faunus 130 fresh adults puddling	Coos: Scotts Bog & East Inlet Roads nr. Second CT Lake	20-Aug-11	RD
Polygonia progne "winter" phase, both sexes	Coos: East Inlet Rd.	20-Aug-11	AG
Phyciodes batesii 3 females	Oxford: Dead Diamond Rd., Magalloway PLT	19-Jun-11	MA
Phyciodes cocyta	Rockingham: Portsmouth	27-May-07	MGA
Phyciodes cocyta many past peak; w. Mark Walker	Oxford: Scotts Bog	20-Jul-11	AG

NEW YORK

Butterflies

HESPERIIDAE

Pholisora catullus via C. Smith; rare in this region	Tompkins: Caroline; Goetchius Preserve	30-Aug-11	RD
Pyrgus communis very abundant	Tompkins: Caroline; Goetchius Preserve	18-Aug-11 03-Sep-11	RD
Pyrgus communis in garden	Tompkins: Ithaca	11-Sep-11	RD
Hylephila phyleus via R. Grosek	Broome: Boland Pond, N of Binghamton	29-Aug-11	RD
Hylephila phyleus via R. Grosek	Broome: Binghamton	12-Sep-11	RD
Polites mystic nectaring at Platanthera blephariglottis; obs. Also by T. Russo	Chenango: Jam Pond Bog	03-Jul-11	RD
Pompeius verna nectaring at Asclepias syriaca	Schuyler: Rock Cabin Road	02-Jul-11	RD

Anatrytone logan nectaring at Centaurea maculosa & Monarda fistulosa	Schuyler: Rock Cabin Road	09-Jul-11		RD
Poanes viator nectaring at Asclepias syriaca	Schuyler: Queen Catharine Marsh	09-Jul-11		RD
PAPILIONIDAE				
Battus philenor via E. Ernest	Tioga: Owego	27-Jul-11		RD
Battus philenor via L. Vick	Broome: Chenango Bridge	05-Aug-11		RD
Battus philenor via L. Davis	Broome: Castle Gardens, Vestal	05-Aug-11		RD
Papilio canadensis 2	MADISON: 9 Mile Swamp	09-Jun-11		EHW
Papilio canadensis 2	Oneida: Utica; JBC	30-Jun-11		EHW
Papilio cressphontes via H. Halama, S. Chorvas, and L. Bowdery	Ulster: Great Vly; Saugerties Town; New Paltz Town	12-May-11	10-Jun-11	RD
Papilio cressphontes also C. Klass, K. Edelstein	Tompkins: Danby; Ithaca (several locations); Lansing	28-May-11	31-Aug-11	RD
Papilio cressphontes via B. Prentiss	Jefferson: Chaumont Barrens near parking lot	03-Jun-11		RD
Papilio cressphontes 10 adults nectaring at Hesperis matronalis, 2 prs. Courting; larvae on Zanthoxylum americanum on 12 June	Seneca: Finger Lakes Nat. For. at Caywood Point	04-Jun-11	05-Jun-11	RD
Papilio cressphontes spring brood larvae on 15 Ju 2nd brood larvae defoliating Z. americanum on 16 /27 Sep proof of residence at this site	Tompkins: near Freeville	07-Jun-11	07-Aug-11	RD
Papilio cressphontes via L. Alden	Albany: Altamont	21-Jun-11		RD
Papilio cressphontes also via J. & S. Gregoire; C. Klass	Schuyler: Burdett; Rock Cabin Rd.	26-Jul-11	17-Aug-11	RD
Papilio cressphontes via B. Cogswell	Sullivan: Liberty, in yard	30-Jul-11	31-Jul-11	RD
Papilio cressphontes via C. Wolpert	Tioga: Appalachin	01-Aug-11	19-Sep-11	RD
Papilio cressphontes via K. Hartquist	Monroe: Rochester, Highland Park	01-Aug-11	08-Aug-11	RD
Papilio cressphontes via R. Grosek & C. Wolpert	Broome: Port Dickinson; Vestal	07-Aug-11	14-Aug-11	RD
Papilio cressphontes adults; also larvae on Ruta graveolens in garden, via E.M. Holly	Oswego: SUNY Oswego, Rice Creek Field Station	10-Aug-11	17-Aug-11	RD
Papilio cressphontes via E. Komperda	Chenango: Greene	13-Aug-11	27-Aug-11	RD
Papilio cressphontes via G. Lemmo	Franklin: Paul Smiths Adirondack Visitor Center	13-Aug-11		RD
Papilio cressphontes via R. Lyttle	Wayne: Town of Huron	13-Aug-11		RD
Papilio cressphontes via Y. Merriam	Cayuga: near King Ferry, Rt. 34-B S. of NYS Thruway	14-Aug-11		RD
Papilio cressphontes via G. Lemmo	Washington: Rt. 22 W. of Comstock	18-Aug-11		RD
Papilio cressphontes via R. Lyttle	Onondaga: Clay, Great Northern Mall parking lot	21-Aug-11		RD
Papilio cressphontes via Y. Merriam	Seneca: Montezuma NWR near Seneca Falls	21-Aug-11		RD
Papilio cressphontes	Cortland: Cortland; jtc. Rt. 281 & Main St.	27-Aug-11		RD
Papilio cressphontes nectaring at Buddleia, via J. Wall	Westchester: Scarsdale	28-Aug-11		RD
Papilio cressphontes 8 larvae on cultivated Dictamnus albus purpureus, via S. Padulka	Tompkins: Brooktondale	18-Sep-11		RD
Papilio polyxenes 1st instar larvae on Queen Anne's Lace; 2 reared to adults (eclosed 20 Aug 11)	Niagra: Lockport	20-Aug-11		FXB
Papilio troilus aberrant male	Niagra: Lockport; Canal Rd.	27-Jul-11		FXB
PIERIDAE				
Pieris virginiensis a rarely seen mated pair, 3:30 P.M.	Tompkins: Eames/Mud Creek Swamp	09-May-11		RD
LYCAENIDAE				
Lycaena epixanthe fresh; on beds of Vaccinium macrocarpon; previously unrecorded at this site	Cortland: Chicago Bog	27-Jun-11	29-Jun-11	RD

Lycaena epixanthe abundant, also T. Russo obs.	Chenango: Jam Pond Bog	03-Jul-11		RD
Lycaena hyllus female nectaring at Eupatorium maculatum	Schuyler: Texas Hollow	30-Aug-11		RD
Satyrium acadica on Dogbane	Niagra: Lockport; Niagra St. hill	05-Jul-11		FXB
Satyrium caryaevorum 4	Oneida: Utica; JBC	30-Jun-11		EHW
Callophrys irus 15 max. count; flying throughout May	Oneida: Rome Sand Plains	11-May-11		EHW
Callophrys niphon 2 pudding on dirt road	Tompkins: Shindagin Hollow	11-May-11		RD
Celastrina ladon	Niagra: Lockport; Day Road Walk Path	13-Aug-11		FXB
Celastrina neglecta	Tompkins: McLean Bogs Preserve	19-Jun-11		RD
Celastrina serotina several well camouflaged; carnivorous larvae feeding on Eriophyid mites in Prunus serotina leaf galls 10 - 15 June	Tompkins: McLean Bogs Preserve	07-May-11	21-May-11	RD
NYMPHALIDAE				
Libytheana carinenta early date for this site	Schuyler: Rock Cabin Road	02-Jul-11		RD
Lethe anthedon	Niagra: Lockport; S. Neden Lane	26-Jun-11		FXB
Lethe appalachia	Niagra: Lockport; N. Neden Lane	21-Jun-11		FXB
Euptoieta claudia 5-7 adults including mating pair	Ulster: Saugerties Town utility ROW	03-Jun-11		RD
Euptoieta claudia via C. Wolpert	Tioga: Owego	26-Jul-11		RD
Euptoieta claudia via C. Smith; M. Haribal (nectaring at Helianthus tuberosus); B. Evans	Tompkins: Caroline Goetchius Pres Freese Rd Ithaca KMart	28-Jul-11	25-Sep-11	RD
Euptoieta claudia via R. Grosek	Broome: Port Dickinson	29-Aug-11		RD
Boloria bellona	Oneida: Utica; JBC	30-Jun-11		EHW
Boloria bellona toddi S. LaGreca also obs.	Tompkins: Ithaca, W. edge of McGowan's Woods	14-Sep-11		RD
Limnitis arthemis astyanax intergrade	Niagra: Lockport; Neden Lane	07-Jun-11		FXB
Vanessa atalanta worn	MADISON: 9 Mile Swamp	09-Jun-11		EHW
Nymphalis antiopa early date	Tompkins: McLean Bogs Preserve	18-Mar-11		RD
Polygonia comma larvae in rolled leaf nests on Boehmeria cylindrica & Laportea canadensis both new hostplant records for region	Tompkins: McLean Bogs Preserve	23-Jul-11	02-Aug-11	RD
Polygonia comma 2 migrating	Delaware: Rock Valley, Halsey Hill	07-Oct-11		RD
Polygonia progne	Niagra: Lockport; Neden Lane	28-Jun-11		FXB
Polygonia progne	Oneida: Utica; JBC	30-Jun-11		EHW
Polygonia progne ovipositing on Ribes hirtellum in fen, eggs and larvae seen	Tompkins: McLean Bogs Preserve	10-Jul-11	02-Aug-11	RD
Polygonia progne fresh male landing on camfire logs and ash, also C. Klass obs.	Schuyler: Texas Hollow	30-Aug-11		RD
Junonia coenia nectaring at Centaurea maculosa, Trifolium repens, Eupatorium rugosum, E. perfoliatum	Schuyler: Rock Cabin Road; Finger Lakes National Forest	09-Jul-11	10-Sep-11	RD
Junonia coenia	Otesego: Wells Bridge in yard along Susquehanna River	27-Jul-11		RD
Junonia coenia also Myers Point; via B. Prentiss; C. Smith; B. Evans; M. Haribal	Tompkins: Freese Rd near Varna Goetchius Prev Rt 96-B,	03-Aug-11	27-Sep-11	RD
Junonia coenia via R. Bunting, C. Wolpert	Chenango: Bainbridge	05-Aug-11		RD
Junonia coenia via P. Martin & K. Hartquist	Monroe: Greece Burger Park near Lake Ontario	12-Aug-11		RD
Junonia coenia via S. Daniel	Livingston: Christine Sevilla Wetland Preserve, Caledonia	29-Aug-11		RD
Junonia coenia via C. Wolpert	Tioga: Appalachin	29-Aug-11		RD
Junonia coenia big year; normally quite rare	Niagra: Lockport; various locations	31-Aug-11	22-Sep-11	FXB
Junonia coenia via R. Grosek	Broome: Binghamton	31-Aug-11		RD
Junonia coenia	Delaware: Rock Valley, Halsey Hill in bluestone quarry	18-Sep-11		RD
Junonia coenia fresh, via A. Bliock	Westchester: Rockefeller State Park Preserve, Pocantico Hills	17-Oct-11		RD

Junonia coenia via B. Purcell	Oswego: Derby Hill	02-Nov-11		RD
Chlosyne harrisii adults nectaring at Senecio aureus; also larvae at McLean Bogs	Tompkins: McLean Bogs Preserve; Salt Road Fen near Groton	07-Jun-11	19-Jul-11	RD
Chlosyne harrisii 3 fresh males	Madison: 9 Mile Swamp	09-Jun-11		EHW
Chlosyne harrisii larval nest on Aster umbellatus, C. Klass also obs.	Schuyler: Texas Hollow	30-Aug-11		RD
Euphydryas phaeton female ovipositing on Plantago lanceolata - first summer record from this plant (frequently used in spring)	Schuyler: Queen Catharine Marsh	09-Jul-11		RD
Euphydryas phaeton a few adults, after several years' absence	Tompkins: McLean Bogs Preserve	10-Jul-11	13-Jul-11	RD

Moths

NOCTUIDAE

Basilodes pepita	Niagra: Lockport; Ruhlmann Rd.	25-Aug-11		FXB
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EREBIDAE

Ctenucha virginica albino female	Niagra: Lockport; Day Road Walk Path	08-Jul-11		FXB
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PENNSYLVANIA

Butterflies

HESPERIIDAE

Amblyscirtes hegon	VENANGO: Van	15-Jun-11		GM
Hesperia leonardus via Mike Weible	JEFFERSON: Sandy Lick Creek near Reynoldsville	04-Sep-11		GM
Poanes zabulon	Erie: State Game Lands #314	04-Aug-11	23-Aug-11	GM
Euphyes conspicua	CLEARFIELD: Wallace Mine & Anderson Crk Rds nr Parker Dam SP	13-Jul-11		GM

PAPILIONIDAE

Papilio crespontes	Berks: Fleetwood	25-Aug-11	27-Sep-11	KG
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PIERIDAE

Abaeis nicippe early and late dates	Berks: Bernville	18-Oct-11	03-Nov-11	KG
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LYCAENIDAE

Feniseca tarquinius early date	Berks: Angelica	30-Jun-11		KG
Satyrrium edwardsii	Berks: Strausstown	15-Jul-11		KG
Callophrys augustinus	Berks: Reading	30-Apr-11	12-May-11	KG
Parrhasius m-album	Berks: Fleetwood	23-Jul-11		KG

NYMPHALIDAE

Libytheana carinenta	Berks: Fleetwood	01-Aug-11		KG
Libytheana carinenta	Erie: Presque Isle S.P.	08-Oct-11		GM
Libytheana carinenta via Mike Weible	Erie: Erie	09-Oct-11		GM
Danaus plexippus	Berks: Reading	30-Apr-11		KG
Polygonia progne	Berks: Eckville	18-Mar-11		KG
Junonia coenia	Berks: Reading area	05-May-11	03-Nov-11	KG
Phyciodes cocyta 1 (collected); confirmed by David Wright and Harry Pavulaan	ERIE: Union City Reservoir	13-Jun-11		GM

Moths

CRAMBIDAE

Evergestis rimosalis larvae on Brassica oleracea	BERKS: Fleetwood	06-Aug-11		KG
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SESIIDAE

Synanthedon rileyana	BERKS: Eckville	07-Aug-11		KG
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SPHINGIDAE

Hyles gallii	BERKS: Fleetwood	14-Jun-11		KG
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RHODE ISLAND

Butterflies

HESPERIIDAE

Atalopedes campestris 1 female	WASHINGTON: Charlestown, Ninigret Park	13-Aug-11		MA
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PAPILIONIDAE

Battus philenor male & female; ssp./morph near machaon	Kent: Greene	14-May-11		MA
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PIERIDAE

Pyrisitia lisa 1 male; absent in late summer after huge 2010 late summer population	Washington: Charlestown, Ninigret Park	14-May-11	MA
Abaeis nicippe 2 males; absent in Sept/Oct. after large late summer population in 2010	Washington: Westerly - Avondale Preserve	13-Aug-11	AG

LYCAENIDAE

Callophrys gryneus 1 males; w. Matt Arey	Washington: Westerly - Avondale Preserve	13-Aug-11	AG
Calycopis cecrops 1 fresh male; w. M. Arey	WASHINGTON: Westerly - Avondale Preserve	13-Aug-11	AG
Parrhasius m-album 2 males, 1 female; w. M. Arey	Washington: Westerly - Avondale Preserve	13-Aug-11	AG

Moths**SATURNIIDAE**

Anisota stigma larvae on scrub oak	Washington: Kingston	09-Aug-11	
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VERMONT**Butterflies****PAPILIONIDAE**

Papilio cresphontes male	Rutland: Middlebury	26-Aug-11	MA
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LYCAENIDAE

Lycaena hyllus 2 males; 3 females	Rutland: Pittsford, Syndicate Rd.	26-Aug-11	MA
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NYMPHALIDAE

Libytheana carinenta bachmanii 17 males, 4 males max. on latter date; w. M. Arey	Rutland: Oxbow Rd., Weybridge; Syndicate Rd., Pittsford	09-Jul-11	26-Aug-11	AG
Lethe anthedon borealis common on both dates; w. Matt Arey	Rutland: Pittsford, Syndicate Rd.	02-Jul-11	09-Jul-11	AG
Boloria bellona 12 males, 4 females; w. Matt Arey	Rutland: Syndicate Rd., Pittsford	26-Aug-11		MA
Asterocampa celtis 18 males, 6 females maximum numbers; w. or by Matt Arey	Rutland: Pittsford, Syndicate Rd.; Weybridge, Oxbow Rd.	09-Jul-11	26-Aug-11	AG
Asterocampa clyton males, 1-2 females; w. or by Matt Arey	Rutland: Pittsford, Syndicate Rd.; Weybridge, Oxbow Rd.	09-Jul-11	26-Aug-11	AG
Polygonia progne "summer" phase males and females; w. Matt Arey	Rutland: West Rutland powerlines; Syndicate Rd., Pittsford	02-Jul-11	09-Jul-11	AG
Polygonia progne "winter" phase, 7 males, 1 female	Rutland: Syndicate Rd., Pittsford	26-Aug-11		AG

Moths**HEPIALIDAE**

Sthenopis auratus at light	Washington: Marshfield, Whitcomb Place	09-Jul-10		MS
Korscheltellus gracilis at light	Washington: Marshfield, Whitcomb Place	14-Jul-10		MS

TINEIDAE

Kearfottia albifasciella female; diurnal	Washington: Marshfield; 44°20'N, 72°23'W; elev. 392m.	11-Jul-11		MS
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ELACHISTIDAE

Ethmia bipunctella at light	Washington: Marshfield, Whitcomb Place	05-Aug-10		MS
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YPONOMEUTIDAE

Atteva pustulella at light	Washington: Marshfield, Whitcomb Place	14-Aug-10		MS
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PYRALIDAE

Homoeosoma deceptorium female at light	Washington: Marshfield; 44°20'N, 72°23'W; elev. 327m.	08-Aug-11		MS
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URODIDAE

Wockia asperipunctella at light	Washington: Marshfield, Whitcomb Place	22-Aug-10		MS
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TORTRICIDAE

Lobesia monotropana at light	Washington: Duxbury; River Rd., 1 mi. W of Camel's Hump Rd.	13-Jul-10		MS
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<i>Lobesia palliolana</i> at light	Washington: Marshfield, Whitcomb Place	23-Jun-10	MS
<i>Aterpia approximana</i> diurnal female; 1550 - 1650 hrs.	Chittendon: Bolton; Honey Hollow Tr.	05-Jul-10	MS
<i>Olethreutes footiana</i> diurnal male; 1100 - 1275 hrs.	Chittendon: Colchester; Sunny Hollow NA	18-Jul-10	MS
<i>Olethreutes mysteriana</i> female at light	Washington: Marshfield; 44°20'N, 72°23'W; elev. 327m.	21-Jul-11	MS
<i>Olethreutes trinitana</i> diurnal; 1225 - 1725 hrs.	Essex: Silvio Conte NWR	31-Jul-10	MS
<i>Barbara colfaxiana</i>	Washington: Marshfield; 44°20'N, 72°23'W; elev. 327m.	02-May-11	MS
<i>Barbara mappana</i> male at light	Washington: Marshfield; 44°20'N, 72°23'W; elev. 327m.	02-May-11	MS
<i>Epiblema otiosana</i> male at light	Washington: Marshfield; 44°20'N, 72°23'W; elev. 327m.	08-Jul-11	MS
<i>Notocelia purpurissatana</i> female; diurnal	Caledonia: Peacham; 44°20'N, 72°10'W; elev. 394m.	23-Jul-11	MS
<i>Sonia canadana</i> at light	Washington: Marshfield, Whitcomb Place	04-Aug-10	MS
<i>Proteoteras willingana</i> at light	Washington: Marshfield, Whitcomb Place	18-Jul-10	MS
<i>Pseudexentera maracana</i>	Washington: Marshfield; 44°20'N, 72°23'W; elev. 327m.	02-May-11	MS
<i>Ancylys albacostana</i> at light	Washington: Marshfield, Whitcomb Place	24-May-10	MS
<i>Ancylys tineana</i> male; 1750 - 1850 hrs.	Washington: Marshfield, Marshfield Brook	17-May-10	MS
<i>Cydia lacustrina</i> female at light	Washington: Marshfield; 44°20'N, 72°23'W; elev. 327m.	01-Jun-11	MS
<i>Acleris variana</i> at light	Washington: Marshfield, Whitcomb Place	28-Sep-10	MS
<i>Acleris youngana</i> male at bait	Washington: Marshfield; house site	05-Apr-10	MS
<i>Acleris youngana</i>	Washington: Marshfield; 44°20'N, 72°23'W; elev. 327m.	02-May-11	MS
<i>Anopina wellingtoniana</i> male at light	Washington: Marshfield; 44°20'N, 72°23'W; elev. 327m.	27-May-11	MS
<i>Archips nigriplagana</i> at light	Washington: Marshfield, Whitcomb Place	04-Jul-10	MS
<i>Clepsis listerana</i> diurnal female	Washington: Marshfield; Sleeper Rd.	15-Jul-10	MS
GEOMETRIDAE			
<i>Metarranthis indeclinata</i> diurnal female	Rutland: West Haven; Buckner Preserve	29-May-10	MS
NOCTUIDAE			
<i>Catocala connubialis</i> male at light	Washington: Marshfield; 44°20'N, 72°23'W; elev. 327m.	22-Jul-11	MS
<i>Eosphoropteryx thyatyroides</i> female at light	Washington: Marshfield; 44°20'N, 72°23'W; elev. 327m.	03-Aug-11	MS
<i>Syngrapha abstrusa</i> male at light	Washington: Marshfield; 44°20'N, 72°23'W; elev. 327m.	10-Jun-11	MS
<i>Lemmeria digitalis</i> female at light	Washington: Marshfield; 44°20'N, 72°23'W; elev. 327m.	25-Sep-11	MS

Zone 11 Mexico

Mexico & the Caribbean Islands

Coordinator: Isabel Vargas Fernandez

Contributors Cited:

AG : Alex Grkovich

NSS : Noemi Salas-Suarez et al

IVF : Isabel Vargas Fernandez

General Comments:

Noemi Salas-Suarez, Cynthia Beltrán, Helena Flores, María Jiménez, Stephanie Amador, Zeima Cambranes, Anahí Domínguez, Marvin Castillo and Severo Díaz reported butterflies species from Ejido Noh Bec, Felipe Carrillo Puerto, Quintana Roo, Mexico. It has extreme coordinates N 19°08'35" – W 88°10'09". This area is in the Mesoamerican Corridor between Biosphere Reserve Sian Ka'an and Ecological Reserve Calakmul. Noh Bec has 23,100 hectares, 700 are considered like associated reserves for protection and conservation flora and fauna. The climate is Aw (xi), warm humid with rainy season in summer and a light rain in February and March, this event is call "cabañuelas". The annual temperature has a range between 24 and 26°C and means annual precipitation is 1200 mm. The soil is limestone plateau with elevations not exceeding 30 m and the vegetation is mainly forest semi-evergreen. They found 98 species in the period from September to November 2011. Papilionidae 9, Pieridae 16, Riodinidae 3, Lycaenidae 4, Nymphalidae 52 and Hesperidae 14.

BAHAMAS

Butterflies

HESPERIIDAE

<i>Epargyreus zestos</i> 2 specimens inside shaded hammock	BAHAMAS: Nassau	01-Oct-11	07-Oct-11	AG
<i>Polygonus leo savigny</i> Locally common (perched along semi-shaded trails through hammock)	BAHAMAS: Nassau	01-Oct-11	07-Oct-11	AG
<i>Urbanus proteus</i> 2 specimens inside hammack shade and in adjacent shrubby openings	BAHAMAS: Nassau	01-Oct-11	07-Oct-11	AG
<i>Euphyes cornelius agra</i> Abundant	BAHAMAS: Nassau	01-Oct-11	07-Oct-11	AG
<i>Panoquina panoquinoides</i> at least one male, in a very wet open shrubby field environment, also on the north side of the island	BAHAMAS: Nassau	01-Oct-11	07-Oct-11	AG

PAPILIONIDAE

<i>Papilio andraemon bonhotei</i> Common, patrolling and nectaring in subtropical hammock scrub and along sunny trails	BAHAMAS: Nassau	01-Oct-11	07-Oct-11	AG
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PIERIDAE

<i>Phoebis agarithe antillia</i> Common	BAHAMAS: Nassau	01-Oct-11	07-Oct-11	AG
<i>Phoebis sennae eubule</i> Common	BAHAMAS: Nassau	01-Oct-11	07-Oct-11	AG
<i>Kricogonia lyside</i> Occasional; woods edges and trails of hammocks	BAHAMAS: Nassau	01-Oct-11	07-Oct-11	AG
<i>Eurema दौरा</i> 2 specimens encountered	BAHAMAS: Nassau	01-Oct-11	07-Oct-11	AG
<i>Pyrristia dina helios</i> fairly common along trails through subtropical woodlands on the north side of the island	BAHAMAS: Nassau	01-Oct-11	07-Oct-11	AG
<i>Pyrristia messalina</i> Occasional to Common along woods edges and inside the forest openings etc.	BAHAMAS: Nassau	01-Oct-11	07-Oct-11	AG

LYCAENIDAE

<i>Chlorostymon maesites</i> 1 specimen, absence of Hairstreaks was notable	BAHAMAS: Nassau	01-Oct-11	07-Oct-11	AG
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NYMPHALIDAE

<i>Agraulis vanillae insularis</i> Common	BAHAMAS: Nassau	01-Oct-11	07-Oct-11	AG
<i>Dryas iulia</i> Occasional	BAHAMAS: Nassau	01-Oct-11	07-Oct-11	AG
<i>Heliconius charithonia</i> Common in typical semi-shaded to shaded hammock environment	BAHAMAS: Nassau	01-Oct-11	07-Oct-11	AG
<i>Euptoieta hegesia</i> Abundant	BAHAMAS: Nassau	01-Oct-11	07-Oct-11	AG
<i>Marpesia eleucea</i> single specimen inside shaded hammock trail	BAHAMAS: Nassau	01-Oct-11	07-Oct-11	AG
<i>Anartia jatrophae guantanamo</i> Abundant	BAHAMAS: Nassau	01-Oct-11	07-Oct-11	AG
<i>Junonia evarete</i> Abundant; no Mangrove Buckeyes or Common Buckeyes were apparent	BAHAMAS: Nassau	01-Oct-11	07-Oct-11	AG
<i>Anthanassa frisia</i> Locally Common in semi-shaded hammocks and adjacent roadsides	BAHAMAS: Nassau	01-Oct-11	07-Oct-11	AG

DISTRITO FEDERAL

Butterflies

PIERIDAE

<i>Phoebis philea</i> pupae and larvae on shrub	DISTRITO FEDERAL: Colonia Pedregal de Santa Úrsula	15-Oct-01	22-Oct-11	IVF
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QUINTANA ROO

Butterflies

HESPERIIDAE

<i>Urbanus dorantes</i>	QUINTANA ROO: Ejido Noh Bec	23-Sep-11		NSS
<i>Urbanus dorantes</i>	QUINTANA ROO: Ejido Noh Bec	13-Nov-11		NSS
<i>Urbanus doryssus</i>	QUINTANA ROO: Ejido Noh Bec	23-Oct-11		NSS
<i>Urbanus pronta</i>	QUINTANA ROO: Ejido Noh Bec	23-Sep-11		NSS
<i>Urbanus pronta</i>	QUINTANA ROO: Ejido Noh Bec	31-Oct-11		NSS
<i>Urbanus proteus</i>	QUINTANA ROO: Ejido Noh Bec	23-Sep-11		NSS

Urbanus proteus	QUINTANA ROO: Ejido Noh Bec	23-Oct-11		NSS
Urbanus simplicius	QUINTANA ROO: Ejido Noh Bec	31-Oct-11		NSS
Astrartes fulgerator azul	QUINTANA ROO: Ejido Noh Bec	23-Oct-11		NSS
Astrartes fulgerator azul	QUINTANA ROO: Ejido Noh Bec	05-Nov-11		NSS
Autochton longipennis	QUINTANA ROO: Ejido Noh Bec	31-Oct-11		NSS
Achalarus albociliatus	QUINTANA ROO: Ejido Noh Bec	23-Oct-11		NSS
Antigonus erosus	QUINTANA ROO: Ejido Noh Bec	31-Oct-11		NSS
Heliopetes alana	QUINTANA ROO: Ejido Noh Bec	23-Sep-11		NSS
Heliopetes arsalte	QUINTANA ROO: Ejido Noh Bec	13-Nov-11		NSS
Lerodea eufala	QUINTANA ROO: Ejido Noh Bec	31-Oct-11		NSS
Cymaenes trebius	QUINTANA ROO: Ejido Noh Bec	23-Oct-11		NSS
Cymaenes trebius	QUINTANA ROO: Ejido Noh Bec	05-Nov-11		NSS
PAPILIONIDAE				
Battus philenor	QUINTANA ROO: Ejido Noh Bec	23-Sep-11		NSS
Battus polydamas	QUINTANA ROO: Ejido Noh Bec	05-Nov-11	13-Nov-11	NSS
Parides erithalion polyzelus	QUINTANA ROO: Ejido Noh Bec	23-Sep-11		NSS
Parides iphidamas	QUINTANA ROO: Ejido Noh Bec	18-Sep-11	23-Sep-11	NSS
Parides iphidamas	QUINTANA ROO: Ejido Noh Bec	23-Oct-11	31-Oct-11	NSS
Parides iphidamas	QUINTANA ROO: Ejido Noh Bec	03-Nov-11	05-Nov-11	NSS
Parides photinus	QUINTANA ROO: Ejido Noh Bec	05-Nov-11		NSS
Papilio erostratus erostratinus	QUINTANA ROO: Ejido Noh Bec	31-Oct-11		NSS
Papilio rogeri	QUINTANA ROO: Ejido Noh Bec	23-Sep-11		NSS
Papilio thoas autocles	QUINTANA ROO: Ejido Noh Bec	23-Sep-11		NSS
Papilio torquatus tolus	QUINTANA ROO: Ejido Noh Bec	23-Oct-11	31-Oct-11	NSS
Papilio torquatus tolus	QUINTANA ROO: Ejido Noh Bec	13-Nov-11		NSS
PIERIDAE				
Glutophrissa drusilla tenuis	QUINTANA ROO: Ejido Noh Bec	18-Sep-11	23-Sep-11	NSS
Ascia monuste	QUINTANA ROO: Ejido Noh Bec	23-Sep-11		NSS
Ascia monuste	QUINTANA ROO: Ejido Noh Bec	05-Nov-11		NSS
Anteos clorinde	QUINTANA ROO: Ejido Noh Bec	18-Sep-11	23-Sep-11	NSS
Anteos clorinde	QUINTANA ROO: Ejido Noh Bec	23-Oct-11	31-Oct-11	NSS
Anteos clorinde	QUINTANA ROO: Ejido Noh Bec	05-Nov-11	13-Nov-11	NSS
Anteos maerula	QUINTANA ROO: Ejido Noh Bec	18-Sep-11	23-Sep-11	NSS
Anteos maerula	QUINTANA ROO: Ejido Noh Bec	31-Oct-11		NSS
Anteos maerula	QUINTANA ROO: Ejido Noh Bec	05-Nov-11	13-Nov-11	NSS
Phoebis agarithe	QUINTANA ROO: Ejido Noh Bec	18-Sep-11	23-Sep-11	NSS
Phoebis agarithe	QUINTANA ROO: Ejido Noh Bec	23-Oct-11	31-Oct-11	NSS
Phoebis agarithe	QUINTANA ROO: Ejido Noh Bec	05-Nov-11	13-Nov-11	NSS
Phoebis argante ssp	QUINTANA ROO: Ejido Noh Bec	23-Sep-11		NSS
Phoebis sennae marcellina	QUINTANA ROO: Ejido Noh Bec	18-Sep-11	23-Sep-11	NSS
Phoebis sennae marcellina	QUINTANA ROO: Ejido Noh Bec	23-Oct-11		NSS
Phoebis sennae marcellina	QUINTANA ROO: Ejido Noh Bec	05-Nov-11		NSS
Aphrissa statira	QUINTANA ROO: Ejido Noh Bec	18-Sep-11	23-Sep-11	NSS
Eurema albula celata	QUINTANA ROO: Ejido Noh Bec	18-Sep-11		NSS
Eurema albula celata	QUINTANA ROO: Ejido Noh Bec	05-Nov-11		NSS
Eurema दौरa eugenia	QUINTANA ROO: Ejido Noh Bec	23-Sep-11		NSS
Eurema दौरa eugenia	QUINTANA ROO: Ejido Noh Bec	05-Nov-11	13-Nov-11	NSS
Pyrisitia dina westwoodii	QUINTANA ROO: Ejido Noh Bec	18-Sep-11	23-Sep-11	NSS
Pyrisitia dina westwoodii	QUINTANA ROO: Ejido Noh Bec	23-Oct-11	31-Oct-11	NSS
Pyrisitia dina westwoodii	QUINTANA ROO: Ejido Noh Bec	05-Nov-11		NSS
Pyrisitia lisa centralis	QUINTANA ROO: Ejido Noh Bec	31-Oct-11		NSS
Pyrisitia nise nelphe	QUINTANA ROO: Ejido Noh Bec	18-Sep-11	23-Sep-11	NSS
Pyrisitia nise nelphe	QUINTANA ROO: Ejido Noh Bec	23-Oct-11	31-Oct-11	NSS
Pyrisitia nise nelphe	QUINTANA ROO: Ejido Noh Bec	05-Nov-11	13-Nov-11	NSS
Pyrisitia proterpia	QUINTANA ROO: Ejido Noh Bec	18-Sep-11		NSS
Pyrisitia proterpia	QUINTANA ROO: Ejido Noh Bec	05-Nov-11	13-Nov-11	NSS
Abaeis nicippe	QUINTANA ROO: Ejido Noh Bec	05-Nov-11		NSS
LYCAENIDAE				
Rekoa palegon	QUINTANA ROO: Ejido Noh Bec	05-Nov-11		NSS
Arawacus sito	QUINTANA ROO: Ejido Noh Bec	31-Oct-11		NSS
Cupido comyntas	QUINTANA ROO: Ejido Noh Bec	05-Nov-11		NSS
RIODINIDAE				
Emesis aurimna	QUINTANA ROO: Ejido Noh Bec	31-Oct-11		NSS
Juditha molpe	QUINTANA ROO: Ejido Noh Bec	23-Oct-11	31-Oct-11	NSS
NYMPHALIDAE				
Siderone galanthis	QUINTANA ROO: Ejido Noh Bec	31-Oct-11		NSS

<i>Siderone galanthis</i>	QUINTANA ROO: Ejido Noh Bec	13-Nov-11		NSS
<i>Anaea aidea</i>	QUINTANA ROO: Ejido Noh Bec	23-Sep-11		NSS
<i>Fountainea euryppyle confusa</i>	QUINTANA ROO: Ejido Noh Bec	23-Sep-11		NSS
<i>Memphis forreri</i>	QUINTANA ROO: Ejido Noh Bec	18-Sep-11	23-Sep-11	NSS
<i>Memphis forreri</i>	QUINTANA ROO: Ejido Noh Bec	23-Oct-11	31-Oct-11	NSS
<i>Memphis forreri</i>	QUINTANA ROO: Ejido Noh Bec	13-Nov-11		NSS
<i>Memphis moruus boisduvali</i>	QUINTANA ROO: Ejido Noh Bec	18-Sep-11	23-Sep-11	NSS
<i>Memphis moruus boisduvali</i>	QUINTANA ROO: Ejido Noh Bec	23-Oct-11	31-Oct-11	NSS
<i>Memphis moruus boisduvali</i>	QUINTANA ROO: Ejido Noh Bec	05-Nov-11	13-Nov-11	NSS
<i>Memphis pithyusa</i>	QUINTANA ROO: Ejido Noh Bec	18-Sep-11	23-Sep-11	NSS
<i>Memphis pithyusa</i>	QUINTANA ROO: Ejido Noh Bec	23-Oct-11	31-Oct-11	NSS
<i>Memphis pithyusa</i>	QUINTANA ROO: Ejido Noh Bec	05-Nov-11	13-Nov-11	NSS
<i>Archaeoprepona demophon centralis</i>	QUINTANA ROO: Ejido Noh Bec	23-Sep-11		NSS
<i>Archaeoprepona demophon centralis</i>	QUINTANA ROO: Ejido Noh Bec	23-Oct-11	31-Oct-11	NSS
<i>Archaeoprepona demophon centralis</i>	QUINTANA ROO: Ejido Noh Bec	05-Nov-11	13-Nov-11	NSS
<i>Archaeoprepona demophon gulina</i>	QUINTANA ROO: Ejido Noh Bec	31-Oct-11		NSS
<i>Prepona laertes octavia</i>	QUINTANA ROO: Ejido Noh Bec	18-Sep-11		NSS
<i>Prepona laertes octavia</i>	QUINTANA ROO: Ejido Noh Bec	31-Oct-11		NSS
<i>Prepona laertes octavia</i>	QUINTANA ROO: Ejido Noh Bec	05-Nov-11	13-Nov-11	NSS
<i>Morpho helenor montezuma</i>	QUINTANA ROO: Ejido Noh Bec	18-Sep-11		NSS
<i>Opsiphanes cassina fabricii</i>	QUINTANA ROO: Ejido Noh Bec	23-Sep-11		NSS
<i>Opsiphanes cassina fabricii</i>	QUINTANA ROO: Ejido Noh Bec	23-Oct-11	31-Oct-11	NSS
<i>Opsiphanes cassina fabricii</i>	QUINTANA ROO: Ejido Noh Bec	05-Nov-11	13-Nov-11	NSS
<i>Hermeuptychia hermes</i>	QUINTANA ROO: Ejido Noh Bec	18-Sep-11	23-Sep-11	NSS
<i>Hermeuptychia hermes</i>	QUINTANA ROO: Ejido Noh Bec	23-Oct-11	31-Oct-11	NSS
<i>Hermeuptychia hermes</i>	QUINTANA ROO: Ejido Noh Bec	05-Nov-11	13-Nov-11	NSS
<i>Agraulis vanillae incarnata</i>	QUINTANA ROO: Ejido Noh Bec	18-Sep-11		NSS
<i>Dryas iulia moderata</i>	QUINTANA ROO: Ejido Noh Bec	18-Sep-11	23-Sep-11	NSS
<i>Dryas iulia moderata</i>	QUINTANA ROO: Ejido Noh Bec	05-Nov-11	13-Nov-11	NSS
<i>Dryadula phaetusa</i>	QUINTANA ROO: Ejido Noh Bec	23-Sep-11		NSS
<i>Heliconius charithonia vazquezae</i>	QUINTANA ROO: Ejido Noh Bec	18-Sep-11	23-Sep-11	NSS
<i>Heliconius charithonia vazquezae</i>	QUINTANA ROO: Ejido Noh Bec	23-Oct-11	31-Oct-11	NSS
<i>Heliconius charithonia vazquezae</i>	QUINTANA ROO: Ejido Noh Bec	05-Nov-11	13-Nov-11	NSS
<i>Heliconius erato petiverana</i>	QUINTANA ROO: Ejido Noh Bec	18-Sep-11	23-Sep-11	NSS
<i>Heliconius erato petiverana</i>	QUINTANA ROO: Ejido Noh Bec	23-Oct-11	31-Oct-11	NSS
<i>Heliconius erato petiverana</i>	QUINTANA ROO: Ejido Noh Bec	05-Nov-11	13-Nov-11	NSS
<i>Euptoieta claudia daunius</i>	QUINTANA ROO: Ejido Noh Bec	23-Sep-11		NSS
<i>Euptoieta hegesia meridiania</i>	QUINTANA ROO: Ejido Noh Bec	18-Sep-11		NSS
<i>Adelpha basiloides</i>	QUINTANA ROO: Ejido Noh Bec	13-Nov-11		NSS
<i>Adelpha iphiclus iphicleola</i>	QUINTANA ROO: Ejido Noh Bec	18-Sep-11	23-Sep-11	NSS
<i>Adelpha iphiclus iphicleola</i>	QUINTANA ROO: Ejido Noh Bec	23-Oct-11	31-Oct-11	NSS
<i>Adelpha iphiclus iphicleola</i>	QUINTANA ROO: Ejido Noh Bec	05-Nov-11		NSS
<i>Marpesia chiron marius</i>	QUINTANA ROO: Ejido Noh Bec	18-Sep-11	23-Sep-11	NSS
<i>Biblis hyperia aganisa</i>	QUINTANA ROO: Ejido Noh Bec	18-Sep-11		NSS
<i>Biblis hyperia aganisa</i>	QUINTANA ROO: Ejido Noh Bec	23-Oct-11	31-Oct-11	NSS
<i>Biblis hyperia aganisa</i>	QUINTANA ROO: Ejido Noh Bec	05-Nov-11	13-Nov-11	NSS
<i>Mestra dorcas amymone</i>	QUINTANA ROO: Ejido Noh Bec	18-Sep-11		NSS
<i>Mestra dorcas amymone</i>	QUINTANA ROO: Ejido Noh Bec	31-Oct-11		NSS
<i>Mestra dorcas amymone</i>	QUINTANA ROO: Ejido Noh Bec	05-Nov-11		NSS
<i>Eunica tatila</i>	QUINTANA ROO: Ejido Noh Bec	18-Sep-11	23-Sep-11	NSS
<i>Eunica tatila</i>	QUINTANA ROO: Ejido Noh Bec	23-Oct-11	31-Oct-11	NSS
<i>Eunica tatila</i>	QUINTANA ROO: Ejido Noh Bec	05-Nov-11	13-Nov-11	NSS
<i>Nessaea aglaura</i>	QUINTANA ROO: Ejido Noh Bec	23-Oct-11		NSS
<i>Nessaea aglaura</i>	QUINTANA ROO: Ejido Noh Bec	13-Nov-11		NSS
<i>Hamadryas amphinome mexicana</i>	QUINTANA ROO: Ejido Noh Bec	31-Oct-11		NSS
<i>Hamadryas februa ferentina</i>	QUINTANA ROO: Ejido Noh Bec	18-Sep-11	23-Sep-11	NSS
<i>Hamadryas februa ferentina</i>	QUINTANA ROO: Ejido Noh Bec	23-Oct-11	31-Oct-11	NSS
<i>Hamadryas februa ferentina</i>	QUINTANA ROO: Ejido Noh Bec	05-Nov-11	13-Nov-11	NSS
<i>Hamadryas feronia farinulenta</i>	QUINTANA ROO: Ejido Noh Bec	18-Sep-11	23-Sep-11	NSS
<i>Hamadryas feronia farinulenta</i>	QUINTANA ROO: Ejido Noh Bec	23-Oct-11	31-Oct-11	NSS
<i>Hamadryas feronia farinulenta</i>	QUINTANA ROO: Ejido Noh Bec	05-Nov-11	13-Nov-11	NSS
<i>Hamadryas guatemalena</i>	QUINTANA ROO: Ejido Noh Bec	18-Sep-11	23-Sep-11	NSS
<i>Hamadryas guatemalena</i>	QUINTANA ROO: Ejido Noh Bec	31-Oct-11		NSS
<i>Hamadryas guatemalena</i>	QUINTANA ROO: Ejido Noh Bec	05-Nov-11		NSS
<i>Hamadryas julitta</i>	QUINTANA ROO: Ejido Noh Bec	18-Sep-11		NSS
<i>Hamadryas julitta</i>	QUINTANA ROO: Ejido Noh Bec	13-Nov-11		NSS
<i>Nica flavilla bachiana</i>	QUINTANA ROO: Ejido Noh Bec	23-Oct-11		NSS

<i>Temenis laothoe hondurensis</i>	QUINTANA ROO: Ejido Noh Bec	23-Sep-11		NSS
<i>Temenis laothoe hondurensis</i>	QUINTANA ROO: Ejido Noh Bec	23-Oct-11	31-Oct-11	NSS
<i>Temenis laothoe hondurensis</i>	QUINTANA ROO: Ejido Noh Bec	05-Nov-11	13-Nov-11	NSS
<i>Dynamine postverta mexicana</i>	QUINTANA ROO: Ejido Noh Bec	23-Sep-11		NSS
<i>Dynamine postverta mexicana</i>	QUINTANA ROO: Ejido Noh Bec	31-Oct-11		NSS
<i>Dynamine postverta mexicana</i>	QUINTANA ROO: Ejido Noh Bec	05-Nov-11		NSS
<i>Doxocopa laure</i>	QUINTANA ROO: Ejido Noh Bec	23-Sep-11		NSS
<i>Doxocopa laure</i>	QUINTANA ROO: Ejido Noh Bec	23-Oct-11	31-Oct-11	NSS
<i>Doxocopa laure</i>	QUINTANA ROO: Ejido Noh Bec	05-Nov-11		NSS
<i>Doxocopa pavon theodora</i>	QUINTANA ROO: Ejido Noh Bec	23-Oct-11		NSS
<i>Colobura dirce</i>	QUINTANA ROO: Ejido Noh Bec	23-Oct-11	31-Oct-11	NSS
<i>Colobura dirce</i>	QUINTANA ROO: Ejido Noh Bec	05-Nov-11		NSS
<i>Historis acheronta</i>	QUINTANA ROO: Ejido Noh Bec	23-Sep-11		NSS
<i>Historis odius dious</i>	QUINTANA ROO: Ejido Noh Bec	23-Oct-11		NSS
<i>Historis odius dious</i>	QUINTANA ROO: Ejido Noh Bec	13-Nov-11		NSS
<i>Anartia fatima</i>	QUINTANA ROO: Ejido Noh Bec	18-Sep-11	23-Sep-11	NSS
<i>Anartia fatima</i>	QUINTANA ROO: Ejido Noh Bec	05-Nov-11	13-Nov-11	NSS
<i>Anartia jatrophae luteipicta</i>	QUINTANA ROO: Ejido Noh Bec	18-Sep-11	23-Sep-11	NSS
<i>Anartia jatrophae luteipicta</i>	QUINTANA ROO: Ejido Noh Bec	05-Nov-11	13-Nov-11	NSS
<i>Siproeta stelenes biplagiata</i>	QUINTANA ROO: Ejido Noh Bec	23-Sep-11		NSS
<i>Siproeta stelenes biplagiata</i>	QUINTANA ROO: Ejido Noh Bec	23-Oct-11	31-Oct-11	NSS
<i>Junonia evarete nigrosuffusa</i>	QUINTANA ROO: Ejido Noh Bec	18-Sep-11	23-Sep-11	NSS
<i>Junonia evarete nigrosuffusa</i>	QUINTANA ROO: Ejido Noh Bec	13-Nov-11		NSS
<i>Castilia myia</i>	QUINTANA ROO: Ejido Noh Bec	23-Sep-11		NSS
<i>Phyciodes phaon</i>	QUINTANA ROO: Ejido Noh Bec	05-Nov-11	13-Nov-11	NSS
<i>Anthanassa tulcis</i>	QUINTANA ROO: Ejido Noh Bec	23-Sep-11		NSS
<i>Cepheptychia glaucina</i>	QUINTANA ROO: Ejido Noh Bec	05-Nov-11		NSS
<i>Cissia confusa</i>	QUINTANA ROO: Ejido Noh Bec	31-Oct-11		NSS
<i>Cissia pompilia</i>	QUINTANA ROO: Ejido Noh Bec	18-Sep-11	23-Sep-11	NSS
<i>Cissia pompilia</i>	QUINTANA ROO: Ejido Noh Bec	23-Oct-11	31-Oct-11	NSS
<i>Cissia pompilia</i>	QUINTANA ROO: Ejido Noh Bec	05-Nov-11	13-Nov-11	NSS
<i>Pareuptychia ocirrhoe</i>	QUINTANA ROO: Ejido Noh Bec	31-Oct-11		NSS
<i>Taygetis virgilia</i>	QUINTANA ROO: Ejido Noh Bec	31-Oct-11		NSS
<i>Ypthimoides renata</i>	QUINTANA ROO: Ejido Noh Bec	31-Oct-11		NSS
<i>Ypthimoides renata</i>	QUINTANA ROO: Ejido Noh Bec	05-Nov-11	13-Nov-11	NSS

VERACRUZ

Butterflies

HESPERIIDAE

<i>Pompeius pompeius</i> on bougainvillea	VERACRUZ: Rancho El Jardín	10-May-11		IVF
<i>Calpodus ethlius</i> on bougainvillea	VERACRUZ: Rancho El Jardín	10-May-11		IVF

Abbreviation

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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Top: *Boloria astarte distincta*, female, km 266, Dempster Highway, Yukon Territory, late June 2011, on heavily fractured exposed bedrock, different from usual scree habitat (photo by Kenelm Phillip, see page 4). **Lower left:** *Pontia occidentalis*, at Moosonee, Cochrane District, Ontario, Aug. 28, 2011 (photo by Alan Wormington, see page 84). **Lower right: Top --** *Cerma cora*, Ohoopee Dunes Covena Tract, 9 mi. SW of Swainsboro, Emanuel Co., Georgia; **bottom --** *Pseudanthracia coracias*, Dixon Memorial Forest WMA, NE of Laura Walker SP, Ware Co., Georgia; both from April, 2011, collected by James K. Adams and Irving L. Finkelstein (photos by James K. Adams, see page 127)