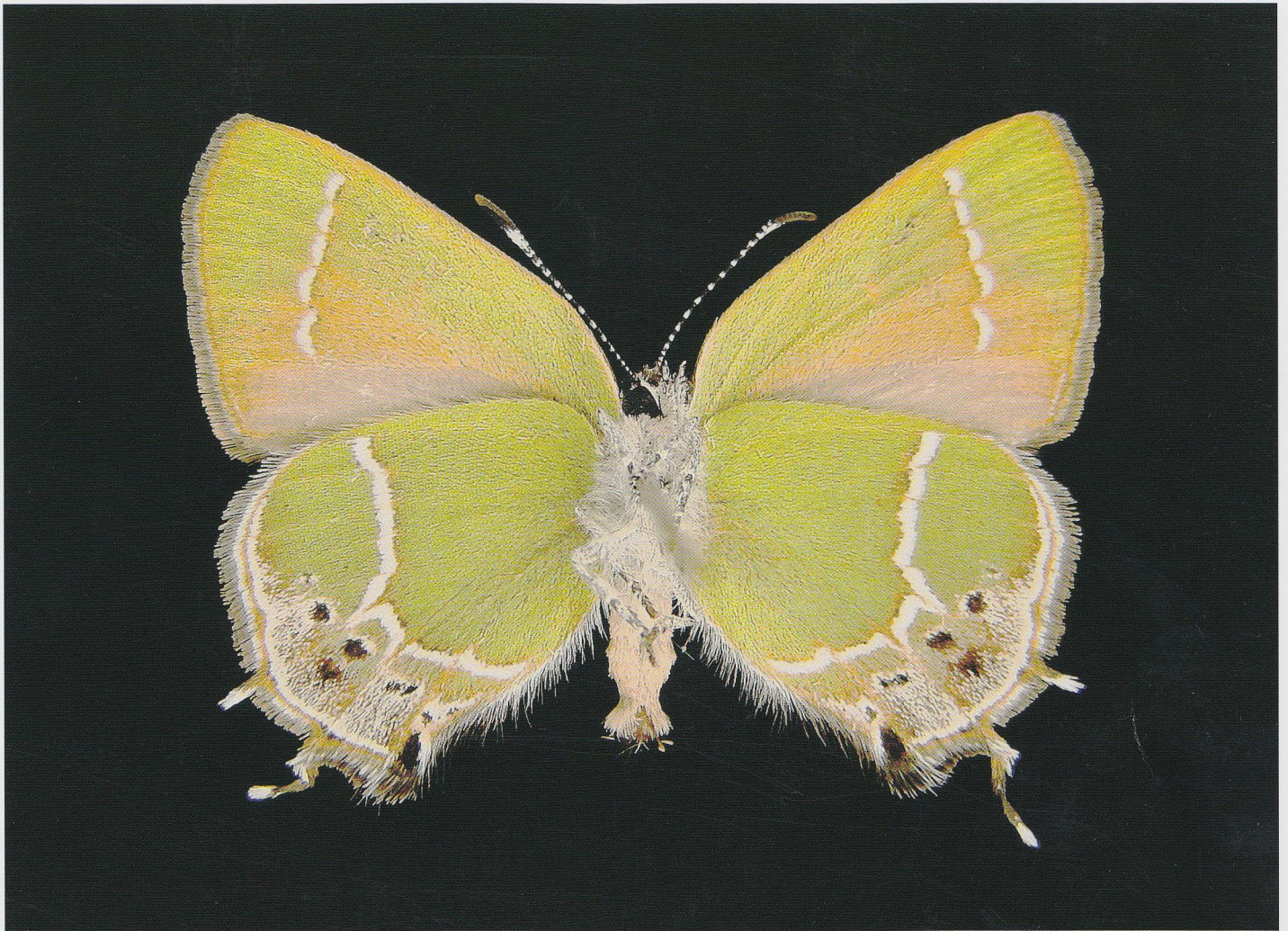


# NEWS

OF THE

# SOCIETY

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***2010 Season Summary***

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Edited by **Leroy C. Koehn** (address inside back cover)

**Cover photo:** *Callophrys xami texami* male, TX: Cameron Co., Loma Alta; ex female, ex ova reared on *Sedum texana* by Richard Boscoe. em. 26 Dec. 2010. Photo: Charles Bordelon

# NEWS OF THE LEPIDOPTERISTS' SOCIETY

Volume 53 Supplement S1

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

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# Season Summary 2010

## Zone 1 Far North

## Alaska, Yukon, Nunavut, and Northwest Territories

### Contributors Cited:

ALS : Alaska Lepidoptera Survey  
KR : Kilian Roever

Coordinator: Kenelm W. Philip

TH2 : Takashi Hino  
RW2 : Richard Wasburn

KWP : Kenelm W. Philip

### General Comments:

Note regarding the Alaska Lepidoptera Survey: My field activities were severely limited in 2010--no remote field trips were made. 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--nearly all Alaskan species have now been captured alive in digital files. Collections by ALS volunteers were carried out in the Bristol Bay area (King Salmon) and at a new site near Bethel--the mining community at Nyac.

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## YUKON TERRITORY

### Butterflies

#### PIERIDAE

Euchloe ausonides	southern Ogilvie Mts: Windy Pass. Dempster Highway	21-Jun-10	KR
Euchloe creusa	southern Ogilvie Mts: Windy Pass. Dempster Highway	21-Jun-10	KR
Euchloe naina	southern Ogilvie Mts: Windy Pass. Dempster Highway	21-Jun-10	KR

#### NYMPHALIDAE

Vanessa atalanta	Yukon River valley: Lake Laberge	19-Jun-10	KR
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## ALASKA

Weather: Interior Alaska had an early spring, but a brief cool spell then delayed butterfly emergence. June was normal, but July had rainfall on all but 4 days 10-31 July.. August had the highest temperature (91F) ever recorded this late in the summer. September was warmer than average, extending the growing season by two weeks.

This weather pattern produced some odd results. Many species of butterflies did very well in May and June--but mid-summer was very poor for collecting (not only in the Interior). The late summer and early fall had excellent weather--but most species were scarce by then.

RANGE EXTENSIONS: *Colias nastes* was again taken near King Salmon--confirming the 2009 record from this site. This appears to be a flourishing colony--not a set of strays.

STATE RECORDS: The Hepialid *Sthenopis purpurascens* was collected twice in Alaska in 2010 (Kasatochi Island in the Aleutians, and King Salmon), but additional records (1956-1965, 2009) were found in the Museum of the North, University of Alaska, Fairbanks. This moth has now been confirmed over a 1250-mile arc in SW and south-central Alaska, from the Aleutian Islands to Palmer. (The species has also been encountered in Anchorage, Valdez, and Cordova--but these specimens have been mislaid, destroyed, or lack data.)

A photograph was taken of the Arctiid *Pararctia yarrowi* in the Kakagrak Hills, Cape Krusenstern National Monument (and additional individuals were seen). This is the first documented occurrence of the species in Alaska.

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). We shall see what 2011 holds for this species...

EXTENDED FLIGHT: *Pontia occidentalis* must be double-brooded in Fairbanks in at least some summers. In 2010 it flew in the Chena Flood Control Project in late May, and then in early and late July (fresh specimens).

### Butterflies

#### HESPERIIDAE

<i>Hesperia comma manitoba</i>	central N, Slope, AK: Dalton Highway mi. 301-302	23-Jun-10	TH2
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#### PAPILIONIDAE

<i>Papilio canadensis</i>	Interior Alaska: Fairbanks vic., Ballaine Road @ Goldstream	16-Jun-10	27-Jun-10	TH2
<i>Papilio machaon</i>	SW AK-Bristol Bay: King Salmon vicinity	21-Jun-10		ALS
<i>Papilio machaon</i>	SW AK, Kuskokwim Riv: Nyac, Tuluksak River @ Bear Creek	22-Jun-10		ALS

<i>Parnassius eversmanni</i>	N foot Brooks Range: Galbraith Lake	21-Jun-10	24-Jun-10	TH2
<i>Parnassius eversmanni</i>	Seward Peninsula: mi. 21 Teller Road	29-Jun-10	03-Jul-10	TH2
<b>PIERIDAE</b>				
<i>Pontia occidentalis</i>	Interior Alaska: Chena Flood Control Project	23-May-10	26-May-10	KWP
<i>Pontia occidentalis</i>	SW AK, Kuskokwim Riv: 9 mi. NW Nyac, Mountain nr. Bear Creek	07-Jun-10		ALS
<i>Pontia occidentalis</i>	Central Brooks Range: Atigun Pass	20-Jun-10	25-Jun-10	TH2
<i>Pontia occidentalis</i>	Interior Alaska: Chena Flood Control Project	07-Jul-10		KWP
<i>Pontia occidentalis</i>	Interior Alaska: Chena Flood Control Project	31-Jul-10		KWP
<i>Pieris angelika</i>	SW AK, Kuskokwim Riv: Nyac, Tuluksak River @ Bear Creek	30-May-10	14-Jul-10	ALS
<i>Pieris angelika</i>	Central Brooks Range: Atigun Pass	20-Jun-10	25-Jun-10	TH2
<i>Pieris angelika</i>	central N, Slope, AK: Oil Spill Hill, mi. 320 Dalton Highway	22-Jun-10		TH2
<i>Pieris marginalis</i>	SW AK-Bristol Bay: King Salmon vicinity	01-Jun-10	04-Jul-10	ALS
<i>Euchloe creusa</i>	N foot Brooks Range: Galbraith Lake	21-Jun-10	24-Jun-10	TH2
<i>Euchloe creusa</i>	Seward Peninsula: mi. 21 Teller Road	29-Jun-10	03-Jul-10	TH2
<i>Colias gigantea</i>	Interior Alaska: Fairbanks vic., Ballaine Road @ Goldstream	16-Jun-10	27-Jun-10	TH2
<i>Colias gigantea</i>	N foot Brooks Range: Galbraith Lake	21-Jun-10	24-Jun-10	TH2
<i>Colias gigantea</i>	SW AK-Bristol Bay: King Salmon vicinity	03-Jul-10	27-Jul-10	ALS
<i>Colias hecla</i>	Central Brooks Range: Atigun Pass	20-Jun-10	25-Jun-10	TH2
<i>Colias hecla</i>	N foot Brooks Range: Galbraith Lake	21-Jun-10	24-Jun-10	TH2
<i>Colias hecla</i>	Seward Peninsula: mi. 21 Teller Road	29-Jun-10	03-Jul-10	TH2
<i>Colias nastes</i>	Central Brooks Range: Atigun Pass	20-Jun-10	25-Jun-10	TH2
<i>Colias nastes</i>	N foot Brooks Range: Galbraith Lake	21-Jun-10	24-Jun-10	TH2
<i>Colias nastes</i>	Seward Peninsula: mi. 21 Teller Road	29-Jun-10	03-Jul-10	TH2
<i>Colias nastes</i>	Seward Peninsula: mi. 46 Teller Road	02-Jul-10	03-Jul-10	TH2
<i>Colias nastes</i>	SW AK-BRISTOL BAY: King Salmon vicinity	08-Jul-10		ALS
<i>Colias palaeno</i>	Interior Alaska: Fairbanks vic., Ballaine Road @ Goldstream	16-Jun-10	27-Jun-10	TH2
<i>Colias palaeno</i>	Central Brooks Range: Atigun Pass	20-Jun-10	25-Jun-10	TH2
<i>Colias palaeno</i>	N foot Brooks Range: Galbraith Lake	21-Jun-10	24-Jun-10	TH2
<i>Colias palaeno</i>	Seward Peninsula: mi. 21 Teller Road	29-Jun-10	03-Jul-10	TH2
<i>Colias palaeno</i>	SW AK, Kuskokwim Riv: Nyac, Tuluksak River @ Bear Creek	29-Jun-10	14-Jul-10	ALS
<i>Colias palaeno</i>	Seward Peninsula: mi. 46 Teller Road	02-Jul-10	03-Jul-10	TH2
<i>Colias palaeno</i>	SW AK-Bristol Bay: King Salmon vicinity	04-Jul-10	02-Aug-10	ALS
<i>Colias philodice</i>	N foot Brooks Range: Galbraith Lake	21-Jun-10	24-Jun-10	TH2
<i>Colias philodice</i>	central N, Slope, AK: Ice Cut, mi. 355 Dalton Highway	22-Jun-10		TH2
<i>Colias philodice</i>	Seward Peninsula: mi. 18 Teller Road	30-Jun-10	03-Jul-10	TH2
<i>Colias tyche</i>	Central Brooks Range: Atigun Pass	20-Jun-10	25-Jun-10	TH2
<i>Colias tyche</i>	N foot Brooks Range: Galbraith Lake	21-Jun-10	24-Jun-10	TH2
<i>Colias tyche</i>	Seward Peninsula: mi. 21 Teller Road	29-Jun-10	03-Jul-10	TH2
<i>Colias tyche</i>	Seward Peninsula: mi. 18 Teller Road	30-Jun-10	03-Jul-10	TH2
<i>Colias tyche</i>	Seward Peninsula: mi. 46 Teller Road	02-Jul-10	03-Jul-10	TH2
<b>LYCAENIDAE</b>				
<i>Lycaena dorcas</i>	Interior Alaska: Fairbanks vic., Ballaine Road @ Goldstream	16-Jun-10	27-Jun-10	TH2
<i>Lycaena dorcas</i>	SW AK-Bristol Bay: King Salmon vicinity	27-Jul-10	03-Sep-10	ALS
<i>Lycaena phlaeas</i>	Central Brooks Range: Atigun Pass	20-Jun-10	25-Jun-10	TH2
<i>Cupido amyntula</i>	Interior Alaska: Fairbanks vic., Ballaine Road @ Goldstream	16-Jun-10	27-Jun-10	TH2
<i>Glaucopsyche lygdamus</i>	N foot Brooks Range: Galbraith Lake	21-Jun-10	24-Jun-10	TH2
<i>Glaucopsyche lygdamus</i>	central N, Slope, AK: Ice Cut, mi. 355 Dalton Highway	22-Jun-10		TH2
<i>Glaucopsyche lygdamus</i>	Seward Peninsula: mi. 18 Teller Road	30-Jun-10	03-Jul-10	TH2
<i>Plebejus idas</i>	N foot Brooks Range: Galbraith Lake	21-Jun-10	24-Jun-10	TH2
<i>Plebejus idas</i>	Seward Peninsula: mi. 18 Teller Road	30-Jun-10	03-Jul-10	TH2
<i>Plebejus optilete</i>	Interior Alaska: Fairbanks vic., Ballaine Road @ Goldstream	16-Jun-10	27-Jun-10	TH2
<i>Plebejus optilete</i>	Central Brooks Range: Atigun Pass	20-Jun-10	25-Jun-10	TH2
<i>Plebejus optilete</i>	N foot Brooks Range: Galbraith Lake	21-Jun-10	24-Jun-10	TH2
<i>Plebejus optilete</i>	SW AK-Bristol Bay: King Salmon vicinity	04-Jul-10	01-Aug-10	ALS
<i>Plebejus saepiolus</i>	Interior Alaska: Fairbanks vic., Ballaine Road @ Goldstream	16-Jun-10	27-Jun-10	TH2
<b>NYMPHALIDAE</b>				
<i>Coenonympha tullia kodiak</i>	Interior Alaska: Fairbanks vic., Ballaine Road @ Goldstream	16-Jun-10	27-Jun-10	TH2
<i>Coenonympha tullia kodiak</i>	Seward Peninsula: mi. 21 Teller Road	29-Jun-10	03-Jul-10	TH2
<i>Coenonympha tullia kodiak</i>	SW AK-Bristol Bay: King Salmon vicinity	03-Jul-10	31-Jul-10	ALS
<i>Erebia disa</i>	SW AK-Bristol Bay: King Salmon vicinity	13-Jun-10	04-Jul-10	ALS
<i>Erebia epipsodea</i>	Interior Alaska: Fairbanks vic., Ballaine Road @ Goldstream	16-Jun-10	27-Jun-10	TH2
<i>Erebia fasciata</i>	Central Brooks Range: Atigun Pass	20-Jun-10	25-Jun-10	TH2
<i>Erebia fasciata</i>	central N, Slope, AK: Ice Cut, mi. 355 Dalton Highway	22-Jun-10		TH2
<i>Erebia fasciata</i>	central N, Slope, AK: Dalton Highway mi. 301-302	23-Jun-10		TH2
<i>Erebia lafontainei</i>	N foot Brooks Range: Galbraith Lake	21-Jun-10	24-Jun-10	TH2
<i>Erebia mancinus</i>	Interior Alaska: Bonanza Creek Experimental Forest	25-May-10		KWP
<i>Erebia occulta</i>	Seward Peninsula: mi. 21 Teller Road	29-Jun-10	03-Jul-10	TH2

<i>Erebia pawloskii</i>	N foot Brooks Range: Galbraith Lake	21-Jun-10	24-Jun-10	TH2
<i>Erebia rossii</i>	Central Brooks Range: Atigun Pass	20-Jun-10	25-Jun-10	TH2
<i>Erebia rossii</i>	N foot Brooks Range: Galbraith Lake	21-Jun-10	24-Jun-10	TH2
<i>Erebia rossii</i>	central N, Slope, AK: Oil Spill Hill, mi. 320 Dalton Highway	22-Jun-10		TH2
<i>Erebia rossii</i>	central N, Slope, AK: Ice Cut, mi. 355 Dalton Highway	22-Jun-10		TH2
<i>Erebia rossii</i>	central N, Slope, AK: Dalton Highway mi. 301-302	23-Jun-10		TH2
<i>Erebia rossii</i>	Seward Peninsula: mi. 21 Teller Road	29-Jun-10	03-Jul-10	TH2
<i>Erebia rossii</i>	Seward Peninsula: mi. 46 Teller Road	02-Jul-10	03-Jul-10	TH2
<i>Erebia youngi</i>	SW AK, Kuskokwim Riv: 9 mi. NW Nyac, Mountain nr. Bear Creek	07-Jun-10		ALS
<i>Erebia youngi</i>	Central Brooks Range: Atigun Pass	20-Jun-10	25-Jun-10	TH2
<i>Erebia youngi</i>	N foot Brooks Range: Galbraith Lake	21-Jun-10	24-Jun-10	TH2
<i>Erebia youngi</i>	central N, Slope, AK: Dalton Highway mi. 301-302	23-Jun-10		TH2
<i>Erebia youngi</i>	Seward Peninsula: mi. 21 Teller Road	29-Jun-10	03-Jul-10	TH2
<i>Erebia youngi</i>	Seward Peninsula: mi. 18 Teller Road	30-Jun-10	03-Jul-10	TH2
<i>Erebia youngi</i>	Seward Peninsula: mi. 46 Teller Road	02-Jul-10	03-Jul-10	TH2
<i>Oeneis alpina excubitor</i>	N foot Brooks Range: Galbraith Lake	21-Jun-10	24-Jun-10	TH2
<i>Oeneis bore</i>	N foot Brooks Range: Galbraith Lake	21-Jun-10	24-Jun-10	TH2
<i>Oeneis bore</i>	central N, Slope, AK: Oil Spill Hill, mi. 320 Dalton Highway	22-Jun-10		TH2
<i>Oeneis bore</i>	central N, Slope, AK: Dalton Highway mi. 301-302	23-Jun-10		TH2
<i>Oeneis polixenes</i>	SW AK-Bristol Bay: King Salmon vicinity	06-Jun-09	11-Jul-09	ALS
<i>Oeneis polixenes</i>	Central Brooks Range: Atigun Pass	20-Jun-10	25-Jun-10	TH2
<i>Oeneis polixenes</i>	N foot Brooks Range: Galbraith Lake	21-Jun-10	24-Jun-10	TH2
<i>Oeneis polixenes</i>	central N, Slope, AK: Oil Spill Hill, mi. 320 Dalton Highway	22-Jun-10		TH2
<i>Oeneis polixenes</i>	central N, Slope, AK: Ice Cut, mi. 355 Dalton Highway	22-Jun-10		TH2
<i>Oeneis polixenes</i>	central N, Slope, AK: Dalton Highway mi. 301-302	23-Jun-10		TH2
<i>Oeneis polixenes</i>	Seward Peninsula: mi. 46 Teller Road	02-Jul-10	03-Jul-10	TH2
<i>Speyeria hesperis</i>	Interior Alaska: Chena Flood Control Project	24-Jun-10		KWP
<i>Boloria alaskensis</i>	Central Brooks Range: Atigun Pass	20-Jun-10	25-Jun-10	TH2
<i>Boloria alaskensis</i>	N foot Brooks Range: Galbraith Lake	21-Jun-10	24-Jun-10	TH2
<i>Boloria alaskensis</i>	Seward Peninsula: mi. 21 Teller Road	29-Jun-10	03-Jul-10	TH2
<i>Boloria alaskensis</i>	Seward Peninsula: mi. 18 Teller Road	30-Jun-10	03-Jul-10	TH2
<i>Boloria selene</i>	Interior Alaska: Mi. 47.5 Steese Highway	06-Jul-10		KWP
<i>Boloria selene</i>	Interior Alaska: mi. 53.1 Steese Highway	09-Jul-10		KWP
<i>Boloria selene</i>	Interior Alaska: mi. 88.7 Steese Highway, Reed Creek	09-Jul-10		KWP
<i>Boloria chariclea</i>	Central Brooks Range: Atigun Pass	20-Jun-10	25-Jun-10	TH2
<i>Boloria chariclea</i>	N foot Brooks Range: Galbraith Lake	21-Jun-10	24-Jun-10	TH2
<i>Boloria chariclea</i>	central N, Slope, AK: Dalton Highway mi. 301-302	23-Jun-10		TH2
<i>Boloria chariclea</i>	Seward Peninsula: mi. 21 Teller Road	29-Jun-10	03-Jul-10	TH2
<i>Boloria eunomia</i>	N foot Brooks Range: Galbraith Lake	21-Jun-10	24-Jun-10	TH2
<i>Boloria freija</i>	SW AK-Bristol Bay: King Salmon vicinity	06-Jun-10	30-Jun-10	ALS
<i>Boloria freija</i>	Seward Peninsula: mi. 46 Teller Road	02-Jul-10	03-Jul-10	TH2
<i>Boloria frigga</i>	N foot Brooks Range: Galbraith Lake	21-Jun-10	24-Jun-10	TH2
<i>Boloria frigga gibsoni</i>	SW AK-Bristol Bay: King Salmon vicinity	19-Jun-10	03-Jul-10	ALS
<i>Boloria improba</i>	Central Brooks Range: Atigun Pass	20-Jun-10	25-Jun-10	TH2
<i>Boloria polaris</i>	Seward Peninsula: mi. 21 Teller Road	29-Jun-10	03-Jul-10	TH2
<i>Limenitis arthemis</i>	Interior Alaska: Fairbanks vic., Ballaine Road @ Goldstream	16-Jun-10	27-Jun-10	TH2
<i>Vanessa cardui</i> photo	SE Alaska: Juneau	20-Jun-10		ALS
<i>Aglais milberti</i>	SW AK-Bristol Bay: King Salmon vicinity	19-Jun-10		ALS
<i>Nymphalis antiopa</i> photo	SE Alaska: Juneau	04-Oct-10		ALS
<i>Nymphalis l-album</i>	Interior Alaska: Bonanza Creek Experimental Forest	12-Jul-10	15-Sep-10	KWP
<i>Polygonia faunus</i>	SW AK, Kuskokwim Riv: Nyac, Tuluksak River @ Bear Creek	17-Sep-10		ALS

## Moths

### HEPIALIDAE

<i>Sthenopsis purpurascens</i> historical specimen	AK, MATANUSKA V.: Palmer	10-Jul-56	19-Aug-65	RW2
<i>Sthenopsis purpurascens</i> historical specimen	AK, Matanuska v.: Palmer	22-Jul-60		RW2
<i>Sthenopsis purpurascens</i> historical specimen	AK, Matanuska v.: Palmer	28-Jul-60		RW2
<i>Sthenopsis purpurascens</i> historical specimen	AK, Matanuska v.: Palmer	28-Jul-63	29-Jul-63	RW2
<i>Sthenopsis purpurascens</i> historical specimen	AK, Matanuska v.: Palmer	19-Aug-65		RW2
<i>Sthenopsis purpurascens</i> historical specimen	SC AK, SUSITNA R. V.: Wasilla	31-Aug-09		KWP

Sthenopis purpurascens larva	ALEUTIAN ISLANDS: Kasatochi Island	10-Jun-10	KWP
Sthenopis purpurascens	SW AK, BRISTOL BAY: King Salmon	21-Jul-10	ALS
<b>ARCTIIDAE</b>			
Pararctia yarrowii photo. Note: CAKR=Cape Krusenstern National Monoment	NW AK, CAKR: Kakagrak Hills, Cape Krusenstern Nat. Mon.	06-Jul-10	ALS
Phragmatobia fuliginosa	Interior Alaska: Bonanza Creek Experimental Forest	20-Jun-10	KWP
<b>LYMANTRIIDAE</b>			
Orgyia antiqua	SW AK, KUSKOKWIM R.: Nyac, Tuluksak River @ Bear Creek	06-Sep-10	09-Sep-10 ALS
Orgyia antiqua	SW AK, BRISTOL BAY: King Salmon vicinity	10-Sep-10	ALS

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

Coordinator: Jon H. Shepard

### Contributors Cited:

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JHS : Jon H. Shepard

RKS : Ray & Kit Stanford

TLS : Todd Stout

TS2 : Tighe Stuart

WMY : William Yake

## BRITISH COLUMBIA

### Butterflies

#### NYMPHALIDAE

Vanessa atalanta	NW BC, Coast Mts.: S. Klondike Hwy, 21 km S of YT border	17-Jun-10	KR
Vanessa atalanta	Dease River valley: Cassiar Hwy, French Ck, 54 km S of YT border	04-Jul-10	KR

### Moths

#### NOCTUIDAE

Noctua pronuba	: Sproule Cr.	22-Aug-09	JHS
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## IDAHO

### Butterflies

#### PAPILIONIDAE

Papilio eurymedon	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Papilio multicaudata pusillus	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Papilio zelicaon	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Parnassius clodius altaurus	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Parnassius smintheus magnus	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS

#### PIERIDAE

Pieris marginalis reicheli	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Anthocharis sara julia	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Anthocharis sara thoosa	ONEIDA: 2.3 Mi. ESE Stone, North Hansel Mtns.	10-May-08	TLS

#### LYCAENIDAE

Lycaena nivalis browni	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Satyrrium behrii columbia	WASHINGTON: Midvale Hill, Hwy. 95	27-Jun-09	JHS
Satyrrium californicum	WASHINGTON: Midvale Hill, Hwy. 95	27-Jun-09	JHS
Callophrys sheridanii newcomeri	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Cupido amyntula	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Cupido comyntas	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Euphilotes ancilla	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS

#### NYMPHALIDAE

Cercyonis pegala ariane	WASHINGTON: Midvale Hill, Hwy. 95	27-Jun-09	JHS
Cercyonis pegala ariane	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Erebia epipsodea	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Speyeria callippe semivirida	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Speyeria coronis snyderi	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Speyeria egleis macdunnoughi	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Speyeria hydaspe rhodope	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Speyeria zerene picta	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Limenitis lorquini burrisonii	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Chlosyne palla calydon	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Euphydryas colon wallacensis	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS

Euphydryas gillettii	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
<b>Moths</b>			
<b>CRAMBIDAE</b>			
Agriphila plumbifimbriella	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Agriphila vulgavigella	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Pyrausta fodinalis septentrioncola	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Pyrausta nicalis	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Sitochroa chortalis	WASHINGTON: Midvale Hill, Hwy. 95	27-Jun-09	JHS
<b>PYRALIDAE</b>			
Ambesa laetella	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
<b>GEOMETRIDAE</b>			
Protitame matiida	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Macaria marmorata	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Macaria notata	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Macaria perplexata	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Digrammia neptaria	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Stenoporpia excelsaria	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Iridopsis larvaria	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Anavitrinella pampinaria	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Biston betularia	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Drepanulatrix carnearia	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Drepanulatrix secundaria	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Euchlaena johnsonaria	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Pero behrensaria	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Pero morrisonaria	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Nacophora mexicanaria	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Selenia alcipheararia	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Anagoga occiduaria	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Caripeta aequaliaria	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Synaxis cervinaria	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Synaxis jubararia	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Prochoerodes forficaria	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Scopula junctaria	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Dysstroma brunneata	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Marmopteryx marmorata	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Euphyia unangulata	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
<b>THYATIRIDAE</b>			
Pseudothyatira cymatophoroides	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Euthyatira semicircularis	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
<b>LASIOCAMPIDAE</b>			
Phyllodesma americana	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Malacosoma californicum	POWER: Massacre Rocks SP	13-Jul-10	JHS
Malacosoma californicum	FRANKLIN: Willow Flats CG	18-Jul-10	JHS
<b>SATURNIIDAE</b>			
Antheraea polyphemus	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Antheraea polyphemus	FRANKLIN: Willow Flats CG	18-Jul-10	JHS
<b>SPHINGIDAE</b>			
Sphinx dollii	Franklin: Willow Flats CG	18-Jul-10	JHS
2nd CR			
Sphinx perelegans	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Sphinx perelegans	FRANKLIN: Willow Flats CG	18-Jul-10	JHS
Sphinx vashti	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Sphinx vashti	FRANKLIN: Willow Flats CG	18-Jul-10	JHS
Smerinthus cerisyi	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Smerinthus cerisyi	FRANKLIN: Willow Flats CG	18-Jul-10	JHS
Paonias excaecata	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Paonias myops	FRANKLIN: Willow Flats CG	18-Jul-10	JHS
Pachysphinx occidentalis	FRANKLIN: Willow Flats CG	18-Jul-10	JHS
Hemaris thetis	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Hemaris thysbe	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
<b>NOTODONTIDAE</b>			
Clostera apicalis	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Pheosia rimosa	CASSIA: Thompson Flats CG	14-Jul-10	JHS
Notodonta pacifica	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Furcula cinerea	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Furcula scolopendrina	FRANKLIN: Willow Flats CG	18-Jul-10	JHS

Datana ministra	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Nadata gibbosa	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Nadata gibbosa	FRANKLIN: Willow Flats CG	18-Jul-10	JHS
Heterocampa lunata	FRANKLIN: Willow Flats CG	18-Jul-10	JHS
STATE			
Schizura ipomoeae	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Oligocentria semirufescens	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
<b>ARCTIIDAE</b>			
Cisthene barnesii	POWER: Massacre Rocks SP	16-Jul-10	JHS
Hypoprepia inculta	POWER: Massacre Rocks SP	16-Jul-10	JHS
STATE			
Grammia ornata	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Grammia virgo	POWER: Massacre Rocks SP	17-Jul-10	JHS
STATE			
Grammia williamsii	POWER: Massacre Rocks SP	16-Jul-10	JHS
Estigmene acrea	POWER: Massacre Rocks SP	17-Jul-10	JHS
Hyphantria cunea	POWER: Massacre Rocks SP	17-Jul-10	JHS
Hyphantria cunea	FRANKLIN: Willow Flats CG	18-Jul-10	JHS
Spilosoma vagans	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Spilosoma vagans	POWER: Massacre Rocks SP	16-Jul-10	JHS
Spilosoma vagans	FRANKLIN: Willow Flats CG	18-Jul-10	JHS
Spilosoma virginica	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Spilosoma virginica	POWER: Massacre Rocks SP	16-Jul-10	JHS
Cycnia oregonensis	POWER: Massacre Rocks SP	16-Jul-10	JHS
STATE			
Cycnia tenera	POWER: Massacre Rocks SP	16-Jul-10	JHS
Lophocampa maculata	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Cisseps fulvicollis	POWER: Massacre Rocks SP	16-Jul-10	JHS
<b>NOCTUIDAE</b>			
Nola cilicoides	POWER: Massacre Rocks SP	17-Jul-10	JHS
2nd State record			
Idia immaculalis	POWER: Massacre Rocks SP	17-Jul-10	JHS
Hypena humuli	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Drasteria adumbrata	POWER: Massacre Rocks SP	16-Jul-10	JHS
Drasteria divergens	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Drasteria divergens	FRANKLIN: Willow Flats CG	18-Jul-10	JHS
Drasteria mirifica	POWER: Massacre Rocks SP	17-Jul-10	JHS
Drasteria ochracea	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Drasteria ochracea	FRANKLIN: Willow Flats CG	18-Jul-10	JHS
Drasteria pallescens	POWER: Massacre Rocks SP	13-Jul-10	JHS
Drasteria perplexa	POWER: Massacre Rocks SP	13-Jul-10	JHS
Drasteria scrupulosa	FRANKLIN: Willow Flats CG	18-Jul-10	JHS
Catocala neogama	LATAH: Moscow	15-Sep-10	JHS
STATE; Matt McAdoo			
Autographa ampla	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Anagrapha falcifera	POWER: Massacre Rocks SP	16-Jul-10	JHS
Tarachidia binocula	POWER: Massacre Rocks SP	16-Jul-10	JHS
STATE			
Ponometia sutrix	POWER: Massacre Rocks SP	16-Jul-10	JHS
Panthea virginaria	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Panthea virginaria	FRANKLIN: Willow Flats CG	18-Jul-10	JHS
Raphia frater	FRANKLIN: Willow Flats CG	18-Jul-10	JHS
Acronicta americana	POWER: Massacre Rocks SP	16-Jul-10	JHS
STATE			
Acronicta impleta	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Acronicta perdita	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Simyra insularis	POWER: Massacre Rocks SP	16-Jul-10	JHS
Eudryas brevipennis	POWER: Massacre Rocks SP	17-Jul-10	JHS
Cucullia antipoda	POWER: Massacre Rocks SP	18-Jul-93	JHS
Cucullia dorsalis	POWER: Massacre Rocks SP	13-Jul-10	JHS
Cucullia dorsalis	CASSIA: Thompson Flats CG	15-Jul-10	JHS
Cucullia intermedia	CASSIA: Thompson Flats CG	15-Jul-10	JHS
Cucullia luna	POWER: Massacre Rocks SP	16-Jul-10	JHS
Cucullia mcdunnoughi	POWER: Massacre Rocks SP	13-Jul-10	JHS
Triochemis saporis	POWER: Massacre Rocks SP	16-Jul-10	JHS
Plagiomimicus dimidiata	FRANKLIN: Willow Flats CG	18-Jul-10	JHS
STATE			



Plagiomimicus spumosum	POWER: Massacre Rocks SP	16-Jul-10	JHS
Heliocheilus paradoxus	POWER: Massacre Rocks SP	16-Jul-10	JHS
Schinia meadi	POWER: Massacre Rocks SP	13-Jul-10	JHS
Schinia sexplagiata	POWER: Massacre Rocks SP	17-Jul-10	JHS
Condica discistriga	POWER: Massacre Rocks SP	13-Jul-10	JHS
Draudtia lunata	POWER: Massacre Rocks SP	16-Jul-10	JHS
Spodoptera praeifica	FRANKLIN: Willow Flats CG	18-Jul-10	JHS
Caradrina multifera	POWER: Massacre Rocks SP	16-Jul-10	JHS
Aseptis characta	POWER: Massacre Rocks SP	13-Jul-10	JHS
Euplexia benesimilis	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Apamea acera	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Apamea acera	CASSIA: Thompson Flats CG	14-Jul-10	JHS
Apamea amputatrix	POWER: Massacre Rocks SP	16-Jul-10	JHS
Apamea antennata	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Apamea commoda	CASSIA: Thompson Flats CG	14-Jul-10	JHS
Apamea commoda	FRANKLIN: Willow Flats CG	18-Jul-10	JHS
Apamea devastator	POWER: Massacre Rocks SP	16-Jul-10	JHS
Apamea occidens	POWER: Massacre Rocks SP	16-Jul-10	JHS
Apamea sordens	FRANKLIN: Willow Flats CG	18-Jul-10	JHS
Mniotype tenera	CASSIA: Thompson Flats CG	14-Jul-10	JHS
Anarta oregonica	CASSIA: Thompson Flats CG	14-Jul-10	JHS
STATE			
Polia detracta	FRANKLIN: Willow Flats CG	18-Jul-10	JHS
Polia discalis	FRANKLIN: Willow Flats CG	18-Jul-10	JHS
STATE			
Melanchra adjuncta	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Melanchra adjuncta	FRANKLIN: Willow Flats CG	18-Jul-10	JHS
Lacanobia subjuncta	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Lacanobia subjuncta	FRANKLIN: Willow Flats CG	18-Jul-10	JHS
Papestra brenda	CASSIA: Thompson Flats CG	14-Jul-10	JHS
Papestra quadrata	CASSIA: Thompson Flats CG	15-Jul-10	JHS
Leucania farcta	FRANKLIN: Willow Flats CG	18-Jul-10	JHS
Leucania insueta	CASSIA: Thompson Flats CG	14-Jul-10	JHS
Leucania insueta	FRANKLIN: Willow Flats CG	18-Jul-10	JHS
Lasionycta perplexa	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Lasionycta perplexa	CASSIA: Thompson Flats CG	14-Jul-10	JHS
Lasionycta perplexa	FRANKLIN: Willow Flats CG	18-Jul-10	JHS
Lasionycta subfuscula	CASSIA: Thompson Flats CG	15-Jul-10	JHS
Lasionycta subfuscula	FRANKLIN: Willow Flats CG	18-Jul-10	JHS
Lacinipolia lorea	FRANKLIN: Willow Flats CG	18-Jul-10	JHS
Lacinipolia olivacea	FRANKLIN: Willow Flats CG	18-Jul-10	JHS
Lacinipolia vicina	FRANKLIN: Willow Flats CG	18-Jul-10	JHS
Homorthodes furfurata	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Euxoa auxiliaris	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Euxoa auxiliaris	POWER: Massacre Rocks SP	13-Jul-10	JHS
Euxoa divergens	FRANKLIN: Willow Flats CG	18-Jul-10	JHS
Euxoa furtivus	FRANKLIN: Willow Flats CG	18-Jul-10	JHS
Euxoa nostra	FRANKLIN: Willow Flats CG	18-Jul-10	JHS
Euxoa pluralis	POWER: Massacre Rocks SP	13-Jul-10	JHS
Agrotis obliqua	CASSIA: Thompson Flats CG	14-Jul-10	JHS
Diarsia rosaria	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Diarsia rosaria	FRANKLIN: Willow Flats CG	18-Jul-10	JHS
Noctua pronuba	CANYON: Nampa	20-Jun-09	JHS
Noctua pronuba	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Noctua pronuba	CASSIA: Thompson Flats CG	14-Jul-10	JHS
Spaelotis bicava	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Spaelotis bicava	CASSIA: Thompson Flats CG	15-Jul-10	JHS
Spaelotis clandestina	CASSIA: Thompson Flats CG	14-Jul-10	JHS
Spaelotis clandestina	FRANKLIN: Willow Flats CG	18-Jul-10	JHS
Spaelotis havilae	CASSIA: Thompson Flats CG	14-Jul-10	JHS
STATE			
Spaelotis velicava	CASSIA: Thompson Flats CG	14-Jul-10	JHS
STATE			
Eurois occulta	FRANKLIN: Willow Flats CG	18-Jul-10	JHS
Xestia oblata	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Xestia oblata	CASSIA: Thompson Flats CG	14-Jul-10	JHS
Xestia oblata	FRANKLIN: Willow Flats CG	18-Jul-10	JHS

Parabagrotis exsertistigma	WASHINGTON: East Brownlee Cr.	28-Jun-09	JHS
Parabagrotis insularis	CASSIA: Thompson Flats CG	14-Jul-10	JHS
Abagrotis discoidalis	CASSIA: Thompson Flats CG	15-Jul-10	JHS
Abagrotis forbesi	FRANKLIN: Willow Flats CG	18-Jul-10	JHS

## OREGON

### Butterflies

#### HESPERIIDAE

Polites sonora	Jackson: Medford, on garden flowers, RVM	26-Sep-10	RKS
Odd locality, late date with voucher.			
Ochlodes sylvanoides	Jackson: Dead Indian Rd, mp 11.7, on Rabbitbrush	11-Sep-10	27-Oct-10 RKS
Late date, form "pseudomardon" !			

#### LYCAENIDAE

Lycaena gorgon dorothea	CURRY: Fry Place, 17 mi. ENE Gold Beach	26-Jun-09	01-Jul-09 DNR
Collected as larvae on Eriogonum nudum.			
Atlides halesus	COOS: Elk Crk Falls, 8 mi SSE of Powers, Sisk. FR 33	19-Jul-09	RKS
Atlides halesus	Jackson: SR 66, west of Greensprings, mp 13.4	01-Oct-10	RKS
Satyrrium californicum	COOS: Elk Crk Falls, 8 mi SSE of Powers, Sisk. FR 33	19-Jul-09	RKS
Satyrrium saepium	COOS: Elk Crk Falls, 8 mi SSE of Powers, Sisk. FR 33	19-Jul-09	RKS
Habrodais grunus	COOS: Elk Crk Falls, 8 mi SSE of Powers, Sisk. FR 33	26-Jul-09	RKS
Plebejus acmon	Jackson: Dead Indian Rd, mp 11.7, on Rabbitbrush	01-Oct-10	RKS
Late date, fresh male voucher			

#### NYMPHALIDAE

Speyeria hesperis dodgei	COOS: Silver Falls SP, NE of Allegany, Glenn Crk Rd	27-Jul-09	RKS
Nymphalis californica	Curry: Winchuk Redwoods Cg, 4 mi from Winchuk Rvr Rd.	13-Jan-09	RKS
Early date (Warren AD, 2005)			
Polygonia gracilis zephyrus	Jackson: Dead Indian Rd, mp 11.7, on Rabbitbrush	01-Oct-10	27-Oct-10 RKS
Late date, fresh male voucher			
Phyciodes mylitta	Jackson: Dead Indian Rd, mp 11.7, on Rabbitbrush	01-Oct-10	27-Oct-10 RKS
Late date, fresh female voucher			

### Moths

#### CRAMBIDAE

Evergestis funalis	KLAMATH: Klamath Marsh NWR	23-Jul-09	DNR
Pediasia trisecta	KLAMATH: Klamath Marsh NWR	27-Aug-09	DNR
Pyrausta californicalis	KLAMATH: Klamath Marsh NWR	17-Jul-09	DNR
Pyrausta subsequalis	KLAMATH: Klamath Marsh NWR	29-May-09	17-Jul-09 DNR

#### PYRALIDAE

Ambesa laetella	KLAMATH: Klamath Marsh NWR	17-Jul-09	DNR
Plodia interpunctella	Jackson: Medford, larvae and adults in bags of bird seed	02-Nov-09	05-Nov-09 RKS
Det. Ronald W. Hodges			

#### TORTRICIDAE

Amorbia cuneana	KLAMATH: Klamath Marsh NWR	23-Jul-09	27-Aug-09 DNR
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#### GEOMETRIDAE

Macaria adonis	KLAMATH: Klamath Marsh NWR	17-Jul-09	23-Jul-09 DNR
Macaria colata	KLAMATH: Klamath Marsh NWR	23-Jul-09	DNR
Macaria colata	Klamath: Klamath Marsh NWR	05-Aug-10	31-Aug-10 DNR
2nd County Record			
Macaria decorata	KLAMATH: Klamath Marsh NWR	17-Jul-09	DNR
Macaria decorata	Klamath: Klamath Marsh NWR	08-Jul-10	28-Sep-10 DNR
2nd County Record			
Digrammia californiaria	KLAMATH: Klamath Marsh NWR	17-Jul-09	DNR
Digrammia denticulata	KLAMATH: Klamath Marsh NWR	17-Jul-09	DNR
Digrammia nubiculata	Klamath: Klamath Marsh NWR	29-May-09	23-Jul-09 DNR
2nd County Record			
Hesperumia latipennis	KLAMATH: Klamath Marsh NWR	17-Jul-09	23-Jul-09 DNR
Hesperumia sulphuraria	Klamath: Klamath Marsh NWR	17-Jul-09	27-Aug-09 DNR
2nd County Record			
Glena nigricaria	KLAMATH: Klamath Marsh NWR	23-Jul-09	DNR
Stenoporpia pulmonaria	KLAMATH: Klamath Marsh NWR	27-Aug-09	DNR
Stenoporpia pulmonaria	Klamath: Klamath Marsh NWR	31-Aug-10	16-Sep-10 DNR
2nd County Record			
Anacamptodes clivinarina	Klamath: Klamath Marsh NWR	29-May-09	DNR
2nd County Record			
Apodrepanulatrix litaria	Klamath: Klamath Marsh NWR	16-Sep-10	DNR
2nd County Record			

Euchlaena johnsonaria 2nd County Record	Klamath: Klamath Marsh NWR	17-Jul-09		DNR
Pero mizon	KLAMATH: Klamath Marsh NWR	17-Jul-09		DNR
Gabriola dyari	KLAMATH: Klamath Marsh NWR	23-Jul-09		DNR
Sicya crocearia 2nd County Record	Klamath: Klamath Marsh NWR	27-Aug-09		DNR
Plataea trilinearia 2nd County Record	Klamath: Klamath Marsh NWR	18-Jun-09	23-Jul-09	DNR
Synaxis fuscata	KLAMATH: Klamath Marsh NWR	16-Sep-10	05-Oct-10	DNR
Sabulodes edwardsata	KLAMATH: Klamath Marsh NWR	23-Jul-09		DNR
Chlorosea banksaria 2nd County Record	Klamath: Klamath Marsh NWR	18-Jun-09	23-Jul-09	DNR
Chlorochlamys triangularis	KLAMATH: Klamath Marsh NWR	17-Jul-09	23-Jul-09	DNR
Dysstroma brunneata	KLAMATH: Klamath Marsh NWR	17-Jul-09		DNR
Dysstroma formosa 2nd County Record	Klamath: Klamath Marsh NWR	26-Aug-09		DNR
Dysstroma hersiliata	KLAMATH: Klamath Marsh NWR	08-Jul-10		DNR
Dysstroma walkerata	KLAMATH: Klamath Marsh NWR	17-Jul-09	23-Jul-09	DNR
Triphosa haesitata	KLAMATH: Klamath Marsh NWR	30-Sep-10		DNR
Xanthorhoe defensaria	KLAMATH: Klamath Marsh NWR	30-Sep-10		DNR
Xanthorhoe munitata	KLAMATH: Klamath Marsh NWR	08-Jul-10		DNR
Eupithecia agnesata	KLAMATH: Klamath Marsh NWR	17-Jul-09		DNR
Eupithecia agnesata 2nd County Record	Klamath: Klamath Marsh NWR	06-Aug-10		DNR
<b>LASIOCAMPIDAE</b>				
Tolype distincta 2nd County Record	Klamath: Klamath Marsh NWR	27-Aug-09		DNR
<b>SATURNIIDAE</b>				
Saturnia mendocino Dave McNeese; Northernmost record.	POLK: N end Rickreall Ridge, 2200 feet	20-Apr-09		JHS
<b>NOTODONTIDAE</b>				
Furcula scolopendrina	UNION: Bird Track Springs CG	12-Jul-10		JHS
<b>ARCTIIDAE</b>				
Cisseps fulvicollis	COOS: Bullards Beach State Park	16-Jun-09		DNR
<b>NOCTUIDAE</b>				
Mycterophora rubricans	KLAMATH: Klamath Marsh NWR	17-Jul-09	27-Aug-09	DNR
Hypena californica	KLAMATH: Klamath Marsh NWR	18-Jun-09		DNR
Catocala semirelictata	KLAMATH: Klamath Marsh NWR	14-Sep-10		DNR
Plusia venusta STATE record.	KLAMATH: Klamath Marsh NWR	17-Jul-09	23-Jul-09	DNR
Plusia venusta Locally common a this site.	Klamath: Klamath Marsh NWR	08-Jul-10	05-Aug-10	DNR
Panthea virginaria	KLAMATH: Klamath Marsh NWR	18-Jun-09	23-Jul-09	DNR
Raphia frater	KLAMATH: Klamath Marsh NWR	08-Jul-10		DNR
Acronicta mansueta	KLAMATH: FS Rd 3462, SW of Spodue Mtn.	29-Jun-09		DNR
Acronicta thoracica	KLAMATH: FS Rd 3462, SW of Spodue Mtn.	29-Jun-09		DNR
Cucullia antipoda	KLAMATH: Klamath Marsh NWR	17-Jul-09		DNR
Cucullia antipoda 2nd County Record	Klamath: Klamath Marsh NWR	08-Jul-10		DNR
Cucullia similis	KLAMATH: Klamath Marsh NWR	23-Jul-09		DNR
Spodoptera praeifica	KLAMATH: Klamath Marsh NWR	08-Jul-10		DNR
Caradrina meralis 2nd County Record	Klamath: Klamath Marsh NWR	27-Aug-09		DNR
Proxenus miranda	UNION: Bird Track Springs CG	12-Jul-10		JHS
Aseptis binotata	KLAMATH: Klamath Marsh NWR	05-Aug-10		DNR
Aseptis ethnica	KLAMATH: Klamath Marsh NWR	26-Aug-09	27-Aug-09	DNR
Apamea alia	KLAMATH: Klamath Marsh NWR	17-Jul-09		DNR
Apamea alia 2nd County Record	Klamath: Klamath Marsh NWR	08-Jul-10		DNR
Apamea amputatrix	KLAMATH: Klamath Marsh NWR	05-Aug-10	06-Aug-10	DNR
Apamea centralis	KLAMATH: FS Rd 3462, SW of Spodue Mtn.	29-Jun-09		DNR
Apamea centralis 2nd County Record	Klamath: Klamath Marsh NWR	08-Jul-10	06-Aug-10	DNR
Apamea cogitata	KLAMATH: Klamath Marsh NWR	14-Jul-10	06-Aug-10	DNR
Apamea scoparia	KLAMATH: Klamath Marsh NWR	17-Jul-09		DNR
Eremobina claudens	KLAMATH: Klamath Marsh NWR	14-Sep-10		DNR
Oligia indirecta	KLAMATH: Klamath Marsh NWR	23-Jul-09		DNR

<i>Oligia indirecta</i> 2nd County Record	Klamath: Klamath Marsh NWR	05-Aug-10		DNR
<i>Chortodes rufostrigata</i>	KLAMATH: Klamath Marsh NWR	17-Jul-09	23-Jul-09	DNR
<i>Celaena reniformis</i>	KLAMATH: Klamath Marsh NWR	23-Jul-09		DNR
<i>Celaena reniformis</i> 2nd County Record	Klamath: Klamath Marsh NWR	02-Sep-10	28-Sep-10	DNR
<i>Amphipoea lunata</i> 2nd County Record	Douglas: Chasm Creek, North Bank HMA	19-Jul-09		DNR
<i>Hydraecia obliqua</i>	KLAMATH: Klamath Marsh NWR	30-Sep-10		DNR
<i>Xylena nupera</i>	KLAMATH: Klamath Marsh NWR	29-May-09		DNR
<i>Xylena nupera</i> 2nd County Record	Klamath: Klamath Marsh NWR	08-Jun-10	05-Oct-10	DNR
<i>Lithophane amanda</i>	KLAMATH: Klamath Marsh NWR	08-Jun-10		DNR
<i>Lithophane dilatocula</i>	KLAMATH: Klamath Marsh NWR	22-May-09		DNR
<i>Lithophane georgii</i>	KLAMATH: Klamath Marsh NWR	20-May-09	22-May-09	DNR
<i>Lithophane ponderosa</i> 2nd County Record	Klamath: Klamath Marsh NWR	08-Jul-10	30-Sep-10	DNR
<i>Brachylomia thula</i>	KLAMATH: Klamath Marsh NWR	17-Jul-09		DNR
<i>Brachylomia thula</i> 2nd County Record	Klamath: Klamath Marsh NWR	05-Aug-10	28-Sep-10	DNR
<i>Epidemas obscura</i> 2nd County Record	Klamath: Klamath Marsh NWR	28-Sep-10	30-Sep-10	DNR
<i>Andropolia diversilineata</i> 2nd County Record	Klamath: Klamath Marsh NWR	30-Sep-10		DNR
<i>Fishia discors</i>	KLAMATH: Klamath Marsh NWR	30-Sep-10		DNR
<i>Fishia yosemitae</i> 2nd County Record	Klamath: Klamath Marsh NWR	30-Sep-10	05-Oct-10	DNR
<i>Ufeus satyricus</i>	KLAMATH: Klamath Marsh NWR	30-Sep-10		DNR
<i>Orthosia pulchella</i> 2nd County Record	Klamath: Klamath Marsh NWR	22-May-09	29-May-09	DNR
<i>Egira crucialis</i>	KLAMATH: Klamath Marsh NWR	29-May-09		DNR
<i>Egira perlubens</i> 2nd County Record	Klamath: Klamath Marsh NWR	22-May-09		DNR
<i>Egira rubrica</i>	KLAMATH: Klamath Marsh NWR	20-May-09		DNR
<i>Egira rubrica</i> 2nd County Record	Klamath: Klamath Marsh NWR	08-Jun-10		DNR
<i>Egira vanduzeei</i> STATE record.	CURRY: Pistol River, North Bank Rd @ MP 7.	12-Mar-05		DNR
<i>Tholera americana</i>	KLAMATH: Klamath Marsh NWR	27-Aug-09		DNR
<i>Nephelodes demaculata</i>	KLAMATH: Klamath Marsh NWR	02-Sep-10		DNR
<i>Sideridis uscripta</i>	KLAMATH: Klamath Marsh NWR	18-Jun-09	17-Jul-09	DNR
<i>Polia discalis</i> 2nd County Record	Klamath: Klamath Marsh NWR	17-Jul-09		DNR
<i>Polia purpurissata</i> 2nd County Record	Klamath: Klamath Marsh NWR	17-Jul-09	23-Jul-09	DNR
<i>Melanchra picta</i>	KLAMATH: Klamath Marsh NWR	08-Jul-10		DNR
<i>Lacanobia radix</i>	KLAMATH: Klamath Marsh NWR	17-Jul-09		DNR
<i>Trichordestra liquida meodana</i>	KLAMATH: Klamath Marsh NWR	18-Jun-09	23-Jul-09	DNR
<i>Anarta fusculentata</i>	KLAMATH: Klamath Marsh NWR	08-Jun-10		DNR
<i>Dargida procincta</i> 2nd County Record	Klamath: Klamath Marsh NWR	22-May-09		DNR
<i>Mythimna oxygala</i>	KLAMATH: Klamath Marsh NWR	17-Jul-09	27-Aug-09	DNR
<i>Leucania farcta</i>	KLAMATH: Klamath Marsh NWR	18-Jun-09	27-Aug-09	DNR
<i>Leucania insueta</i> 2nd County Record	Klamath: Klamath Marsh NWR	22-May-09	18-Jun-09	DNR
<i>Leucania multilinea</i> STATE record.	KLAMATH: Klamath Marsh NWR	17-Jul-09	23-Jul-09	DNR
<i>Leucania multilinea</i> Locally common a this site.	Klamath: Klamath Marsh NWR	08-Jul-10	16-Sep-10	DNR
<i>Lacinipolia lorea</i>	UNION: Bird Track Springs CG	12-Jul-10		JHS
<i>Lacinipolia olivacea</i> 2nd County Record	Klamath: Klamath Marsh NWR	17-Jul-09	27-Aug-09	DNR
<i>Lacinipolia pensilis</i>	KLAMATH: Klamath Marsh NWR	23-Jul-09	27-Aug-09	DNR
<i>Lacinipolia stricta</i>	KLAMATH: Klamath Marsh NWR	27-Aug-09		DNR
<i>Trichocerapoda oblita</i>	KLAMATH: Klamath Marsh NWR	16-Sep-10		DNR
<i>Homorthodes furfurata</i> 2nd County Record	Klamath: Klamath Marsh NWR	23-Jul-09		DNR
<i>Protorthodes curtica</i>	KLAMATH: Klamath Marsh NWR	27-Aug-09		DNR

Protorthodes curtica 2nd County Record	Klamath: Klamath Marsh NWR	31-Aug-10	16-Sep-10	DNR
Dichagyris variabilis	KLAMATH: Klamath Marsh NWR	27-Aug-09		DNR
Dichagyris variabilis 2nd County Record	Klamath: Klamath Marsh NWR	31-Aug-10		DNR
Copablepharon viridisparsa 2nd County Record	Lake: Lost Forest, NE of Christmas Valley, 4420 feet.	26-Jun-10		DNR
Protogygia milleri	KLAMATH: Klamath Marsh NWR	18-Jun-09	23-Jul-09	DNR
Protogygia milleri 2nd County Record	Klamath: FS Rd 3462, SW of Spodue Mtn.	29-Jun-10		DNR
Euxoa auripennis 2nd County Record	Klamath: Klamath Marsh NWR	05-Aug-10		DNR
Euxoa auxiliaris	LAKE: Lost Forest, NE of Christmas Valley, 4420 feet.	26-Jun-10		DNR
Euxoa biformata	KLAMATH: Klamath Marsh NWR	26-Aug-09	27-Aug-09	DNR
Euxoa bochus	KLAMATH: Klamath Marsh NWR	06-Sep-10		DNR
Euxoa brevipennis	KLAMATH: Klamath Marsh NWR	16-Sep-10	30-Sep-10	DNR
Euxoa castanea 2nd County Record	Klamath: Klamath Marsh NWR	08-Jul-10	14-Jul-10	DNR
Euxoa comosa	KLAMATH: Klamath Marsh NWR	16-Sep-10		DNR
Euxoa difformis 2nd County Record	Klamath: Klamath Marsh NWR	14-Sep-10		DNR
Euxoa edictalis	KLAMATH: Klamath Marsh NWR	08-Jun-10		DNR
Euxoa idahoensis	LAKE: Lost Forest, NE of Christmas Valley, 4420 feet.	26-Jun-10		DNR
Euxoa intrita	KLAMATH: Klamath Marsh NWR	06-Aug-10		DNR
Euxoa laetificans	KLAMATH: Klamath Marsh NWR	31-Aug-10	16-Sep-10	DNR
Euxoa messoria Previous Klamath County record was 1938.	Klamath: Klamath Marsh NWR	27-Aug-10	31-Aug-10	DNR
Euxoa misturata	KLAMATH: Klamath Marsh NWR	27-Aug-09		DNR
Euxoa munis 2nd County Record, first since 1953.	Klamath: Klamath Marsh NWR	02-Sep-10		DNR
Euxoa murdocki 2nd County Record	Klamath: Klamath Marsh NWR	16-Sep-10		DNR
Euxoa nostra	LAKE: Lost Forest, NE of Christmas Valley, 4420 feet.	26-Jun-10		DNR
Euxoa ochrogaster	KLAMATH: Klamath Marsh NWR	05-Aug-10		DNR
Euxoa perexcellens	KLAMATH: Klamath Marsh NWR	17-Jul-09		DNR
Euxoa plagigera	KLAMATH: Klamath Marsh NWR	05-Aug-10	28-Sep-10	DNR
Euxoa quadridentata	KLAMATH: Klamath Marsh NWR	06-Sep-10	28-Sep-10	DNR
Euxoa satiens	KLAMATH: Klamath Marsh NWR	27-Aug-09		DNR
Euxoa satiens 2nd County Record	Klamath: Klamath Marsh NWR	31-Aug-10		DNR
Euxoa satis 2nd County Record	Klamath: Klamath Marsh NWR	23-Jul-09		DNR
Euxoa simona	KLAMATH: Klamath Marsh NWR	17-Jul-09		DNR
Euxoa tristicula	LAKE: Lost Forest, NE of Christmas Valley, 4420 feet.	26-Jun-10		DNR
Feltia jaculifera	KLAMATH: Klamath Marsh NWR	27-Aug-09		DNR
Feltia jaculifera 2nd County Record	Klamath: Klamath Marsh NWR	06-Aug-10	31-Aug-10	DNR
Agrotis vancouverensis 2nd County Record	Klamath: Klamath Marsh NWR	29-May-09		DNR
Agrotis venerabilis 2nd County Record	Klamath: Klamath Marsh NWR	27-Aug-09		DNR
Cerastis gloriosa	CURRY: Pistol River, North Bank Rd @ MP 7.	12-Mar-05		DNR
Chersotis juncta	KLAMATH: FS Rd 3462, SW of Spodue Mtn.	29-Jun-09		DNR
Chersotis juncta 2nd County Record	Klamath: Klamath Marsh NWR	17-Jul-09		DNR
Noctua pronuba	KLAMATH: Klamath Marsh NWR	18-Jun-09		DNR
Noctua pronuba 2nd County Record	Klamath: Klamath Marsh NWR	05-Aug-10	16-Sep-10	DNR
Spaelotis bicava	KLAMATH: Klamath Marsh NWR	08-Jul-10	16-Sep-10	DNR
Xestia oblata 2nd County Record	Klamath: Klamath Marsh NWR	17-Jul-09		DNR
Xestia smithii	KLAMATH: Klamath Marsh NWR	05-Aug-10		DNR
Agnorisma bugrai	KLAMATH: Klamath Marsh NWR	31-Aug-10	16-Sep-10	DNR
Tesagrotis corrodera 2nd County Record	Klamath: Klamath Marsh NWR	31-Aug-10	16-Sep-10	DNR
Parabagrotis exsertistigma 2nd County Record	Klamath: Klamath Marsh NWR	17-Jul-09	27-Aug-09	DNR
Abagrotis apposita	KLAMATH: Klamath Marsh NWR	27-Aug-09		DNR

Abagrotis discoidalis	KLAMATH: Klamath Marsh NWR	17-Jul-09		DNR
Abagrotis mirabilis	KLAMATH: Klamath Marsh NWR	23-Jul-09	27-Aug-09	DNR
Abagrotis trigona	KLAMATH: Klamath Marsh NWR	23-Jul-09		DNR
Abagrotis vittifrons	KLAMATH: Klamath Marsh NWR	27-Aug-09		DNR

## WASHINGTON

### Butterflies

#### HESPERIIDAE

Epargyreus clarus	Spokane: Peaceful Valley	23-Jun-10		JB3
Thorybes pylades	PEND OREILLE: Horseshoe Lake	27-Jun-10		JB3
photo ID confirmed by JPP				
Erynnis pacuvius lilius	FERRY: Canyon Cr. Rd. @ 2nd creek x-ing	02-Jun-09		JHS
Pyrgus ruralis	PEND OREILLE: Crescent L.	23-May-09		JHS
Heliopetes ericetorum	Spokane: Cheney	11-Sep-10		TS2
2nd CR; photo				
Thymelicus lineola	PEND OREILLE: meadows west of lone	22-Jul-09		JHS
David James				
Hesperia juba	STEVENS: Crown Cr. # 1	01-Jun-09		JHS
Atalopedes campestris	Benton: Richland	30-May-09		JRD
observed 11				
Ochlodes sylvanoides	Mason: E Fk Satsop River	24-Aug-10		AP
sight				

#### PAPILIONIDAE

Papilio eurymedon	Garfield: Umatilla NF, FR 40 campground	16-Jul-09		JRD
Papilio rutulus	Garfield: Umatilla NF, FR 40 campground	16-Jul-09		JRD
2nd CR				
Parnassius clodius altaurus	Garfield: Umatilla NF, FR 40	16-Jul-09		JRD
observed 7				
Parnassius clodius claudianus	Clark: Vancouver (4th Plain & Franklin St)	22-Jul-09		JHS
Caitlin LaBar				
Parnassius smintheus magnus	Garfield: Umatilla NF, FR 40	16-Jul-09		JRD
1st CR				
Parnassius smintheus magnus	Skamania: Juniper Peak trails	20-Jul-09		WMY
2nd CR; several; photo id confirmed by JPP				
Parnassius smintheus olympianus	Mason: south slope of Mt Ellinor	18-Aug-09		WMY
3rd CR				

#### PIERIDAE

Neophasia menapia	BENTON: Benton-Franklin County fairgrounds, Kennewick	26-Aug-10		JRD
Neophasia menapia	Benton: Richland	26-Aug-10		JRD
2nd CR				
Pontia beckerii	Benton: Horse Heaven Hills, McBee Grade	28-May-09		JRD
Pontia sisymbrii flavitincta	Benton: Richland	15-Apr-09		JRD
Pieris marginalis reicheli	Spokane: Little Spokane River	02-May-10		JB3
Pieris rapae	Garfield: jct Scoggins/Mountain Rds	16-Jul-09		JRD
observed 2				
Colias alexandra	Pend Oreille: North Baldy Mdws	24-Jul-10		JB3
photo ID confirmed to species by PCH				
Colias eurytheme	Benton: Horse Heaven Hills, McBee Grade	28-May-09		JRD
Colias eurytheme	Garfield: Umatilla NF, FR 40 campground	16-Jul-09		JRD
Colias eurytheme	Garfield: Umatilla NF, FR 40	16-Jul-09		JRD
Colias eurytheme	Garfield: Umatilla NF, Clearwater Lookout	16-Jul-09		JRD
Colias occidentalis	GARFIELD: Umatilla NF, Clearwater Lookout	16-Jul-09		JRD
Colias philodice	SNOHOMISH: Puget Sound waterfront, Edmonds	29-Aug-09		JHS
Al Wagar; 1st CR; photo id confirmed by JPP				

#### LYCAENIDAE

Lycaena editha	SPOKANE: Mt Spokane	20-Aug-09		JB3
Lycaena helloides	Mason: E Fk Satsop R	16-Aug-09		JHS
Trina Young; photo; id confirmed by AP				
Lycaena heteronea	SKAMANIA: Juniper Peak trails	26-Jul-09		WMY
photo; id confirmed by JPP				
Lycaena mariposa charlottensis	Jefferson: O'Took Prairie	14-Aug-10		JHS
Kelly R. McAllister; photos				
Satyrrium semiluna	SKAMANIA: Juniper Peak trails	20-Jul-09		WMY
2nd CR?; numerous; photo confirmed by JPP				
Callophrys affinis washingtonia	STEVENS: FS Rd. 1500-062, cedar area	03-Jun-09		JHS
Chris Loggers				
Callophrys affinis washingtonia	FERRY: LaFleur Cr., above; FR 615	03-Jun-09		JHS

Callophrys gryneus Ryan Shaw;1st CR; photo id confirmed by JPP	Douglas: Grand Coulee	07-Jun-09	JHS
Callophrys gryneus plicataria Scott Ellerby; photo: ID confirmed by Idie Ulsh	KITSAP: Liberty Bay shore, near Poulsbo	06-Jun-10	JHS
Callophrys mossii schryveri	PEND OREILLE: Crescent L.	23-May-09	JHS
Callophrys perplexa Louis LaPierre	COWLITZ: Coal Creek	27-May-09	JHS
Callophrys polios	PEND OREILLE: Crescent L.	23-May-09	JHS
Callophrys sheridanii newcomeri	PEND OREILLE: Harvey Cr.	29-May-09	JHS
Callophrys sheridanii newcomeri	FERRY: LaFleur Cr., above; FR 615	03-Jun-09	JHS
Callophrys spinetorum	STEVENS: Crown Cr. # 1	01-Jun-09	JHS
Callophrys spinetorum photo: ID confirmed by Pyle	Spokane: Little Spokane River	05-Jun-10	JB3
Glaucopteryx piasus toxoema photo	Spokane: Stubblefield Lake, Turnbull NWR	13-Jun-10	JB3
<b>NYMPHALIDAE</b>			
Danaus plexippus Charlie Wright 2nd CR; photo	Franklin: Lyons Ferry Park	06-Sep-09	JHS
Danaus plexippus 2nd CR	Spokane: Blackhorse Lake, Turnbull NWR	28-Aug-10	JB3
Coenonympha tullia eunomia sight	Mason: E Fk Satsop River	24-Aug-10	AP
Speyeria coronis simaetha photo confirmed by JPP	Skamania: Juniper Peak trails	20-Jul-09	WMY
Speyeria cybele pugetensis Trina Young; photo; id confirmed by AP	Mason: E Fk Satsop R	16-Aug-09	JHS
Speyeria cybele pugetensis sighted	Thurston: Bald Hill	06-Aug-10	AP
Speyeria cybele pugetensis sighted	Mason: Carstairs Prairie	24-Aug-10	AP
Speyeria hydaspe rhodope Trina Young; photo; id confirmed by AP	Mason: E Fk Satsop R	16-Aug-09	JHS
Vanessa annabella specimen	Chelan: Chumstick Mtn.	08-Jul-10	JB3
Nymphalis antiopa 2nd CR sight	Clallam: Dungeness River	08-Oct-10	AP
Euphydryas anicia hopfingeri photo: ID confirmed by JPP	GRANT: Northrup Canyon SP	30-May-10	JB3
<b>Moths</b>			
<b>CRAMBIDAE</b>			
Pyrausta subsequalis	PEND OREILLE: Dry Cyn. Rd.	29-May-09	JHS
Pyrausta subsequalis	FERRY: Canyon Cr. # 2	02-Jun-09	JHS
Pyrausta tuolumnalis	FERRY: Canyon Cr. # 2	02-Jun-09	JHS
<b>EPIPLEMIDAE</b>			
Callizzia amorata 2nd CR	Stevens: Pierre L. CG	07-Jul-10	JHS
Callizzia amorata	FERRY: Bangs Mt.	09-Jul-10	JHS
<b>GEOMETRIDAE</b>			
Archiearis infans	PEND OREILLE: Skookum Cr.	31-May-09	JHS
Protitame matilda	FERRY: Bangs Mt.	09-Jul-10	JHS
Protitame virginalis	FERRY: 10 Mile CG	26-Jul-10	JHS
Eumacaria latiferrugata	FERRY: Curlew RV	27-Jun-10	JHS
Eumacaria latiferrugata	STEVENS: Pierre L. CG	06-Jul-10	JHS
Macaria brunneata	FERRY: 10 Mile CG	26-Jul-10	JHS
Macaria loricaria	FERRY: Alkali Cr.	27-Jul-10	JHS
Macaria marmorata	FERRY: Bangs Mt.	09-Jul-10	JHS
Macaria notata	FERRY: 10 Mile CG	20-Jun-10	JHS
Macaria plumosata	FERRY: 10 Mile CG	26-Jul-10	JHS
Macaria sexmaculata	STEVENS: Pierre L. CG	06-Jul-10	JHS
Macaria sexmaculata	FERRY: Bangs Mt.	09-Jul-10	JHS
Macaria signaria	FERRY: Alkali Cr.	29-Jun-10	JHS
Macaria signaria	STEVENS: Pierre L. CG	07-Jul-10	JHS
Macaria truncataria	PEND OREILLE: Crescent L.	23-May-09	JHS
Macaria truncataria	FERRY: Little Goosman Cr.	03-Jun-09	JHS
Digrammia californiaria	FERRY: Sherman Cr.	18-Jun-10	JHS
Digrammia denticulata	FERRY: Sherman Cr.	19-Jun-10	JHS
Digrammia neptaria	FERRY: Sherman Cr.	18-Jun-10	JHS

<i>Digrammia setonana</i>	FERRY: 10 Mile CG	26-Jul-10	JHS
<i>Hesperumia sulphuraria</i>	STEVENS: Pierre L. CG	07-Jul-10	JHS
<i>Hesperumia sulphuraria</i>	FERRY: Bangs Mt.	09-Jul-10	JHS
<i>Glena nigricaria</i>	FERRY: Haag Cove, nr.	15-Jun-10	JHS
<i>Stenoporpia excelsaria</i>	FERRY: Haag Cove, nr.	15-Jun-10	JHS
<i>Iridopsis larvaria</i>	FERRY: 10 Mile CG	21-Jun-10	JHS
<i>Iridopsis larvaria</i>	STEVENS: Pierre L. CG	06-Jul-10	JHS
<i>Anavitrinella pampinaria</i>	FERRY: 10 Mile CG	21-Jun-10	JHS
<i>Anavitrinella pampinaria</i>	STEVENS: Pierre L. CG	06-Jul-10	JHS
<i>Ectropis crepuscularia</i>	PEND OREILLE: Sullivan Cr.	28-May-09	JHS
<i>Ectropis crepuscularia</i>	STEVENS: Box Canyon Rd.	07-Jul-10	JHS
<i>Protoboarmia porcelaria</i>	STEVENS: Pierre L. CG	06-Jul-10	JHS
<i>Protoboarmia porcelaria</i>	FERRY: 10 Mile CG	26-Jul-10	JHS
<i>Melanolophia imitata</i>	STEVENS: Crown Cr. # 1	01-Jun-09	JHS
<i>Biston betularia</i>	FERRY: Haag Cove, nr.	15-Jun-10	JHS
<i>Lomographa semiclarata</i>	PEND OREILLE: Mill Pond	23-May-09	JHS
<i>Lomographa semiclarata</i>	FERRY: Canyon Cr. # 2	02-Jun-09	JHS
<i>Sericosema juturnaria</i>	FERRY: Bangs Mt.	09-Jul-10	JHS
<i>Cabera erythemaria</i>	FERRY: 10 Mile CG	22-Jun-10	JHS
<i>Eudrepanulatrix rectifascia</i>	FERRY: Bangs Mt.	09-Jul-10	JHS
<i>Drepanulatrix secundaria</i>	FERRY: 10 Mile CG	26-Jul-10	JHS
<i>Drepanulatrix unicalcararia</i>	STEVENS: Pierre L. CG	07-Jul-10	JHS
<i>Drepanulatrix unicalcararia</i>	FERRY: Bangs Mt.	09-Jul-10	JHS
<i>Euchlaena johnsonaria</i>	STEVENS: Pierre L. CG	06-Jul-10	JHS
<i>Euchlaena johnsonaria</i>	FERRY: Bangs Mt.	09-Jul-10	JHS
<i>Euchlaena madusaria</i>	FERRY: 10 Mile CG	22-Jun-10	JHS
<i>Euchlaena tigrinaria</i>	STEVENS: Pierre L. CG	06-Jul-10	JHS
<i>Euchlaena tigrinaria</i>	FERRY: Bangs Mt.	09-Jul-10	JHS
<i>Xanthotype sospeta</i>	STEVENS: Pierre L. CG	07-Jul-10	JHS
<i>Xanthotype sospeta</i>	FERRY: Bangs Mt.	09-Jul-10	JHS
<i>Pero behrensaria</i>	FERRY: 10 Mile CG	25-Jun-10	JHS
<i>Pero behrensaria</i>	STEVENS: Pierre L. CG	07-Jul-10	JHS
<i>Pero mizon</i>	FERRY: Bangs Mt.	09-Jul-10	JHS
<i>Nacophora mexicanaria</i>	FERRY: Haag Cove, nr.	15-Jun-10	JHS
<i>Anagoga occiduaria</i>	FERRY: Bangs Mt.	09-Jul-10	JHS
<i>Neoterpes trianguliferata</i>	FERRY: 10 Mile CG	22-Jun-10	JHS
<i>Caripeta aequaliaria</i>	FERRY: Haag Cove, nr.	15-Jun-10	JHS
<i>Caripeta divisata</i>	FERRY: Alkali Cr.	30-Jun-10	JHS
<i>Besma quercivoraria</i>	FERRY: Alkali Cr.	30-Jun-10	JHS
<i>Sicya macularia</i>	FERRY: Alkali Cr.	27-Jul-10	JHS
<i>Synaxis cervinaria</i>	FERRY: Bangs Mt.	09-Jul-10	JHS
<i>Prochoerodes forficaria</i>	FERRY: 10 Mile CG	21-Jun-10	JHS
<i>Prochoerodes forficaria</i>	STEVENS: Pierre L. CG	06-Jul-10	JHS
<i>Sabulodes edwardsata</i>	FERRY: Bangs Mt.	09-Jul-10	JHS
<i>Chlorosea nevadaria</i>	FERRY: 10 Mile CG	26-Jul-10	JHS
<i>Nemoria darwiniata</i>	FERRY: Bangs Mt.	09-Jul-10	JHS
<i>Nemoria unitaria</i>	FERRY: 10 Mile CG	26-Jul-10	JHS
<i>Synchlora aerata</i>	FERRY: Curlew RV	27-Jun-10	JHS
<i>Mesothea incertata</i>	PEND OREILLE: Crescent L.	23-May-09	JHS
<i>Mesothea incertata</i>	FERRY: 10 Mile CG	24-Jun-10	JHS
<i>Lobocleta quaesitata</i>	FERRY: 10 Mile CG	21-Jun-10	JHS
<i>Lobocleta quaesitata</i>	STEVENS: Camp Cr., nr.	07-Jul-10	JHS
<i>Idaea demissaria</i>	FERRY: 10 Mile CG	26-Jul-10	JHS
<i>Cyclophora pendulinaria</i>	FERRY: 10 Mile CG	21-Jun-10	JHS
<i>Scopula junctaria</i>	FERRY: 10 Mile CG	22-Jun-10	JHS
<i>Scopula junctaria</i>	STEVENS: Pierre L. CG	06-Jul-10	JHS
<i>Scopula sideraria</i>	FERRY: Bangs Mtn.	02-Jun-09	JHS
<i>Leptostales rubromarginaria</i>	FERRY: Boulder Cr.	22-May-09	JHS
<i>Leptostales rubromarginaria</i>	PEND OREILLE: Little Muddy Cr.	24-May-09	JHS
<i>Dysstroma brunneata</i>	FERRY: 10 Mile CG	26-Jul-10	JHS
<i>Dysstroma colvillei</i>	FERRY: Bangs Mt.	09-Jul-10	JHS
<i>Eulithis xyliana</i>	FERRY: 10 Mile CG	26-Jul-10	JHS
<i>Eustroma semiatrata</i>	FERRY: 10 Mile CG	21-Jun-10	JHS
<i>Hydriomena furcata</i>	FERRY: 10 Mile CG	25-Jun-10	JHS
<i>Hydriomena renunciata</i>	FERRY: 10 Mile CG	20-Jun-10	JHS
<i>Coryphista meadii</i>	PEND OREILLE: Crescent L.	23-May-09	JHS
<i>Coryphista meadii</i>	FERRY: 10 Mile CG	20-Jun-10	JHS



<i>Coryphista meadii</i>	STEVENS: Pierre L. CG	06-Jul-10	JHS
<i>Spargania magnoliata</i>	FERRY: 10 Mile CG	26-Jul-10	JHS
<i>Perizoma costiguttata</i>	FERRY: Bangs Mt.	09-Jul-10	JHS
<i>Marmopteryx marmorata</i>	FERRY: Sherman Cr.	18-Jun-10	JHS
<i>Xanthorhoe lacustrata</i>	FERRY: Alkali Cr.	29-Jun-10	JHS
<i>Epirrhoe alternata</i>	FERRY: 10 Mile CG	26-Jul-10	JHS
<i>Epirrhoe sperryi</i>	FERRY: Alkali Cr.	03-Jun-09	JHS
<i>Epirrhoe sperryi</i>	FERRY: Swamp Cr. Rd.	23-Jun-10	JHS
<i>Euphyia unangulata</i>	FERRY: Alkali Cr.	30-Jun-10	JHS
<i>Venusia pearsalli</i>	PEND OREILLE: Little Muddy Cr.	24-May-09	JHS
<i>Trichodezia albovittata</i>	STEVENS: Box Canyon Rd.	07-Jul-10	JHS
<i>Horisme intestinata</i>	STEVENS: Pierre L. CG	07-Jul-10	JHS
<i>Aplocera plagiata</i>	FERRY: Haag Cove, nr.	15-Jun-10	JHS
<i>Aplocera plagiata</i>	STEVENS: Pierre L. CG	07-Jul-10	JHS
<b>THYATRIDAE</b>			
<i>Habrosyne scripta</i>	FERRY: Alkali Cr.	27-Jul-10	JHS
<i>Euthyatira semicircularis</i>	FERRY: 10 Mile CG	20-Jun-10	JHS
<b>LASIOCAMPIDAE</b>			
<i>Malacosoma disstria</i>	FERRY: Bangs Mt.	09-Jul-10	JHS
<b>SPHINGIDAE</b>			
<i>Paonias excaecata</i>	STEVENS: Pierre L. CG	06-Jul-10	JHS
<i>Paonias myops</i>	STEVENS: Pierre L. CG	07-Jul-10	JHS
<i>Hemaris thysbe</i>	FERRY: Alkali Cr.	03-Jun-09	JHS
<b>NOTODONTIDAE</b>			
<i>Clostera apicalis</i>	FERRY: 10 Mile CG	25-Jun-10	JHS
<i>Gluphisia septentrionis</i>	FERRY: Alkali Cr.	30-Jun-10	JHS
<i>Furcula occidentalis</i>	STEVENS: Pierre L. CG	06-Jul-10	JHS
<i>Furcula scolopendrina</i>	FERRY: Bangs Mt.	09-Jul-10	JHS
<i>Schizura ipomoeae</i>	FERRY: Bangs Mt.	10-Jul-10	JHS
<b>ARCTIIDAE</b>			
<i>Leptarctia californiae</i>	PEND OREILLE: N. Fork Sullivan Cr.	28-May-09	JHS
<i>Leptarctia californiae</i>	STEVENS: Crown Cr. # 2	01-Jun-09	JHS
<i>Leptarctia californiae</i>	FERRY: Canyon Cr. # 2	02-Jun-09	JHS
<i>Pyrrharctia isabella</i>	STEVENS: Pierre L. CG	07-Jul-10	JHS
<i>Pyrrharctia isabella</i>	FERRY: Bangs Mt.	09-Jul-10	JHS
<i>Estigmene acrea</i>	FERRY: Curlew RV	27-Jun-10	JHS
<i>Spilosoma vagans</i>	FERRY: Sherman Cr.	18-Jun-10	JHS
<i>Spilosoma virginica</i>	FERRY: 10 Mile CG	21-Jun-10	JHS
<i>Cynia tenera</i>	STEVENS: Pierre L. CG	07-Jul-10	JHS
<i>Lophocampa maculata</i>	FERRY: 10 Mile CG	22-Jun-10	JHS
<i>Platarctia parthenos</i>	FERRY: Alkali Cr.	29-Jun-10	JHS
<b>NOCTUIDAE</b>			
<i>Nycteola cinereana</i>	STEVENS: Pierre L. CG	06-Jul-10	JHS
<i>Bleptina caradrinalis</i>	STEVENS: Pierre L. CG	06-Jul-10	JHS
<i>Spargaloma sexpunctata</i>	FERRY: 10 Mile CG	24-Jun-10	JHS
<i>Drasteria adumbrata</i>	PEND OREILLE: Sullivan Cr.	28-May-09	JHS
<i>Drasteria adumbrata</i>	FERRY: Bangs Mtn.	02-Jun-09	JHS
<i>Euclidia arditia</i>	STEVENS: Crown Cr. # 2	01-Jun-09	JHS
<i>Euclidia arditia</i>	FERRY: Bangs Mtn.	02-Jun-09	JHS
<i>Euclidia arditia</i>	FERRY: Sherman Cr.	19-Jun-10	JHS
<i>Caenurgina annexa</i>	FERRY: Bangs Mtn.	02-Jun-09	JHS
<i>Caenurgina erechtea</i>	STEVENS: Camp Cr., nr.	07-Jul-10	JHS
<i>Plusia putnami</i>	FERRY: Alkali Cr.	27-Jul-10	JHS
<i>Raphia frater</i>	STEVENS: Pierre L. CG	06-Jul-10	JHS
<i>Acronicta cyanescens</i>	FERRY: Bangs Mt.	09-Jul-10	JHS
<i>Acronicta dactylina</i>	FERRY: Sherman Cr.	18-Jun-10	JHS
<i>Acronicta impleta</i>	FERRY: Bangs Mt.	10-Jul-10	JHS
<i>Acronicta impressa</i>	FERRY: Bangs Mt.	10-Jul-10	JHS
<i>Acronicta innotata</i>	FERRY: 10 Mile CG	26-Jul-10	JHS
<i>Acronicta radcliffei</i>	FERRY: Bangs Mt.	10-Jul-10	JHS
<i>Alypia ridingsii</i>	FERRY: Canyon Cr. # 1	02-Jun-09	JHS
<i>Cucullia florea</i>	FERRY: Curlew RV	29-Jun-10	JHS
<i>Sympistis amun</i>	Ferry: Bangs Mt.	09-Jul-10	JHS
<i>Caradrina multifera</i>	FERRY: Bangs Mt.	10-Jul-10	JHS
<i>Hyppa contrasta</i>	FERRY: Bangs Mt.	09-Jul-10	JHS
<i>Euplexia benesimilis</i>	FERRY: 10 Mile CG	22-Jun-10	JHS

Phlogophora periculosa	FERRY: Alkali Cr.	27-Jul-10	JHS
Apamea antennata	STEVENS: Pierre L. CG	07-Jul-10	JHS
Apamea cogitata	FERRY: Alkali Cr.	27-Jul-10	JHS
Apamea sordens	FERRY: Sherman Cr.	18-Jun-10	JHS
Apamea spaldingi	FERRY: Sherman Cr.	18-Jun-10	JHS
Sideridis maryx	FERRY: 10 Mile CG	25-Jun-10	JHS
Sideridis maryx	STEVENS: Pierre L. CG	06-Jul-10	JHS
Mamestra configurata	STEVENS: Pierre L. CG	07-Jul-10	JHS
Melanchra adjuncta	FERRY: Bangs Mt.	09-Jul-10	JHS
Spiramater lutra	FERRY: Bangs Mt.	09-Jul-10	JHS
Papestra invalida	FERRY: Bangs Mt.	09-Jul-10	JHS
Hadena ectrapela	FERRY: Haag Cove, nr.	15-Jun-10	JHS
Leucania insueta	STEVENS: Pierre L. CG	07-Jul-10	JHS
Lacinipolia anguina	FERRY: 10 Mile CG	22-Jun-10	JHS
Lacinipolia anguina	STEVENS: Pierre L. CG	07-Jul-10	JHS
Lacinipolia lorea	STEVENS: Pierre L. CG	06-Jul-10	JHS
Lacinipolia olivacea	STEVENS: Pierre L. CG	07-Jul-10	JHS
Lacinipolia vicina	FERRY: Curlew RV	27-Jun-10	JHS
Homorthodes furfurata	STEVENS: Pierre L. CG	07-Jul-10	JHS
Orthodes goodelli	FERRY: 10 Mile CG	21-Jun-10	JHS
Orthodes goodelli	STEVENS: Pierre L. CG	07-Jul-10	JHS
Zosteropoda hirtipes	FERRY: Curlew RV	27-Jun-10	JHS
Euxoa divergens	FERRY: Bangs Mt.	09-Jul-10	JHS
Euxoa furtivus	FERRY: Bangs Mt.	09-Jul-10	JHS
Euxoa terrena	STEVENS: Pierre L. CG	07-Jul-10	JHS
Agrotis antica	FERRY: Bangs Mt.	09-Jul-10	JHS
Ochropleura implecta	FERRY: Alkali Cr.	29-Jun-10	JHS
Diarsia rosaria	FERRY: 10 Mile CG	21-Jun-10	JHS
Paradiarsia littoralis	FERRY: Heron Cr. Rd.	27-Jun-10	JHS
Noctua pronuba	STEVENS: Box Canyon Rd.	07-Jul-10	JHS
Spaelotis clandestina	FERRY: Sherman Cr.	18-Jun-10	JHS
Graphiphora augur	FERRY: Alkali Cr.	27-Jul-10	JHS
Aplectoides condita	FERRY: Alkali Cr.	29-Jun-10	JHS
Eueretagrotis perattentus	FERRY: 10 Mile CG	26-Jul-10	JHS
Parabagrotis exsertistigma	FERRY: Alkali Cr.	30-Jun-10	JHS
Parabagrotis sulinaris	FERRY: Bangs Mt.	09-Jul-10	JHS
Abagrotis trigona	FERRY: 10 Mile CG	26-Jul-10	JHS

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

Coordinator: Ken Davenport

### Contributors Cited:

VXA : Valeriu Albu	BB4 : Brian Banker	RAB : Robert A. Behrstock
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CEH : Charles E. Harp	FH : Fred Heath	FHK : Fred Heath & Mary Klinkel
KK : Ken Kertell	KKB : Ken Kertell & Jim Brock	PK1 : Phillip Kline
NL : Nick Lethaby	L/R : Ron Leuschner & Kelly Richers	JNL : Jack Levy
RMD : Richard Meyer & Ken Davenport	JRM : James R. Mori	PAO : Paul A. Opler
JGP : John G. Pasko	WDP : William D. Patterson	DP2 : David Powell
JAP : Jerry A. Powell	JBP : Jack B. Prentiss	KMR : Kelly M. Richers
KR : Kilian Roever	JS3 : John Saba	JS6 : James Sogaard
MSD : Mike Stangeland & Kim Davis	TLS : Todd Stout	PT1 : Paul Thompson
JPT : James P. Tuttle	CJV : C. J. Vincent	MW : Mark Walker
BJW : Bruce J. Walsh	RSW : Ronald S. Wielgus	DW : Dave L. Wikle
JW2 : Judy Wilson	JWS : Judy Winslow & John Saba	

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## ARIZONA

Rainfall in the state was below usual and the summer rains in southeast Arizona were ended too soon for a great season of activity. Still, there were many rare strays from Mexico reported. There were seven new COUNTY records reported here. One of those (*Chlosyne cyneas*) is recolonizing southeastern Arizona and even expanding into the Santa Catalina Mt. Range as far north as PINAL COUNTY.

Kelly Richers reports the moth records for the state.

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### Butterflies

#### HESPERIIDAE

<i>Epargyreus clarus profugus</i> Common along stream.	Mohave: Hualapai Mts., creek below Mtn. Park	01-Jun-10	17-Jun-10	KD
<i>Polygonus leo arizonensis</i> Not many records for this county.	Greenlee: San Francisco River at Martinez Ranch	30-Aug-10		KR
<i>Polygonus leo arizonensis</i> Unusual this far north	Pinal: Superior, Boyce Thompson Arboretum	11-Sep-10	25-Sep-10	DP2
<i>Polygonus leo arizonensis</i> Observations and photos made by Elaine Halbedel.	Pima: Kitt Peak at lake and road to observatory	13-Sep-10	14-Sep-10	KD
<i>Polygonus leo arizonensis</i> LATE for state.	Santa Cruz: Harshaw Crk. Rd. & San Rafael Valley-Patagonia Rd	07-Nov-10		PHB
<i>Chioides albofasciatus</i> Photograph	Pima: 5494 East Edwin St., Catalina	22-Jul-10		CJV
<i>Chioides albofasciatus</i> Photograph, unusual in city.	Pima: Northeast Tucson	10-Sep-10		JW2
<i>Chioides albofasciatus</i> One of many reports of this species in SE Arizona in 2010!	Cochise: Brown Canyon Trail, Huachuca Mts.	10-Sep-10		HB
<i>Chioides zilpa</i> Photograph	Cochise: South of Hereford, SE slope Huachuca Mts.	04-Oct-10		RAB
<i>Urbanus proteus</i>	Santa Cruz: Sycamore Canyon, Pajarito Mts.	06-Oct-10		BB4
<i>Cogia hippalus</i> Not many records for this county.	Greenlee: San Francisco River at Martinez Ranch	30-Aug-10		KR
<i>Staphylus ceos</i> One fresh male, confirms sighting in April 2008.	MOHAVE: Lower Canyon along stream, Hualapai Mts.	01-Jun-10		KD
<i>Hesperopsis libya</i> Regular in eastern part of county but seldom reported.	Coconino: Pasture Cyn., 2-3 mi NE Tuba City	02-Aug-10		KR
<i>Chiomara georgina</i> Unusual this far north	Pinal: Superior, Boyce Thompson Arboretum	25-Sep-10		DP2
<i>Erynnis meridianus</i> Not many records for this county.	Greenlee: San Francisco River at Martinez Ranch	30-Aug-10		KR
<i>Pyrgus scriptura apertorum</i> Not many records for this county.	Greenlee: San Francisco River at Martinez Ranch	30-Aug-10		KR
<i>Heliopetes ericetorum</i> Not many records for this county.	Greenlee: San Francisco River at Martinez Ranch	30-Aug-10		KR
<i>Lerodea arabus</i> Unusually far WEST	LA PAZ: Trigo Mts., Hummingbird Spring	12-Oct-10		KR
<i>Ancyloxypha arene</i> Not many records for this county.	Greenlee: San Francisco River at Martinez Ranch	30-Aug-10		KR
<i>Ancyloxypha arene</i> Confirmation this colony found in 2005 is still extant.	Yavapai: Verde River, Cottonwood	14-Sep-10	17-Sep-10	TLS
<i>Adopaeoides prittwiti</i> Five or Six individuals seen, common a few days later.	Santa Cruz: Cienega south of Sonoita	15-Sep-10		KKB
<i>Hesperia woodgatei</i>	Yavapai: Mingus Mt., Potato Patch Camp	26-Sep-10		DP2
<i>Atrytonopsis python</i> One male collected, very few records in this range and west.	Mohave: Hualapai Mts., lower canyon along stream	01-Jun-10		KD
<i>Agathymus alliae paiute</i> Photograph, found here in the past by Kilian Roever.	Mohave: Peach Springs	17-Sep-10		DP2

#### PAPILIONIDAE

<i>Papilio astyalus</i> Photo by Sheri Williamson	Cochise: Bisbee	19-Jul-09		RAB
<i>Papilio astyalus</i> Rare stray to SE Arizona	Cochise: South of Hereford, SE slope Huachuca Mts.	01-Aug-10		RAB

#### PIERIDAE

<i>Neophasia terlootii</i> LATE for state. Also observed by KK and others.	Santa Cruz: Upper Madera Canyon near parking lot.	03-Dec-10		FH
<i>Glutophrissa drusilla</i> Very rare in SE Arizona, photograph.	Cochise: South of Hereford, SE slope Huachuca Mts.	23-Aug-10		RAB
<i>Glutophrissa drusilla</i> Photograph.	Santa Cruz: Temporal Gulch, Santa Rita Mts.	31-Aug-10		MB1

Anthocharis cethura pima Numerous larvae on Guillenia lasiophylla.	Pima: Sabino Canyon near Tucson	16-Apr-10	JPB
Anthocharis sara inghami Larva on Guillenia lasiophylla.	Pima: Sabino Canyon near Tucson	16-Apr-10	JPB
Anteos clorinde Movement into SE this year.	Cochise: Brown Canyon Trail, Huachuca Mts.	10-Sep-10	HB
Anteos clorinde Eight seen nectaring on thistles.	Santa Cruz: Cienega south of Sonoita	15-Sep-10	KKB
Anteos clorinde Observed by Elaine Halbedel.	Pima: Kitt Peak Observatory area 6800'	24-Sep-10	KD
Anteos clorinde Collected individual.	Santa Cruz: Canelo Marsh	05-Oct-10	BB4
Anteos clorinde	Cochise: South of Hereford, SE slope Huachuca Mts.	29-Oct-10	RAB
Anteos clorinde Observed with Pete Spino, very unusual in Tucson.	Pima: Tucson, Speedway & Houghton Rds.	08-Nov-10	JPB
Anteos clorinde Photograph by Liz Sockness.	Cochise: Ramsey Canyon, Huachuca Mts.	05-Dec-10	HB
Phoebis agarithe EARLY for 2009 Season.	Pima: Tucson	30-Jan-09	CJV
Eurema boisduvaliana Photograph, rare this far north.	Pinal: Superior, Boyce Thompson Arboretum	11-Sep-10 25-Sep-10	DP2
<b>LYCAENIDAE</b>			
Arawacus jada Photograph.	Santa Cruz: Alum Gulch, Flux Cyn. Rd., SW of Patagonia	14-Oct-10	MB1
Satyrrium saepium	MOHAVE: Unikaret Mts., 4 mi. S of Nixon Spring site	07-Jul-09	KR
Phaeostrymon alcestis	Coconino: Sedona	01-Jun-10	KR
Strymon cestri Very few records for state.	Cochise: near mouth of Carr Cyn., Huachuca Mts.	13-Apr-10	BB4
Strymon cestri Photographs by Brian & Jacqueline Penny.	PIMA: W. Calle Madero Rd., 4 km W Sonoran Desert Museum	31-Oct-10	HB
Strymon melinus franki larva on Eysenhardtia orthocarpa	Pima: Tucson	12-Jun-09	JPB
Strymon melinus franki larva on Acacia millefolia	Pima: Tucson	16-Jun-09	JPB
Erora quaderna LATE, photograph by Gary Jue.	Santa Cruz: Mt. Wrightson picnic area, Santa Rita Mts.	05-Dec-10	FH
Cupido comyntas texana	Pima: Box Canyon, Santa Rita Mts.	14-Oct-10	KKB
Hemiargus ceraunus gyas Larvae on Acacia millefolia	Pima: Tucson	11-Jun-09	JPB
Hemiargus ceraunus gyas Larvae on Acacia angustissima	Pima: Tucson	19-Jun-09	JPB
Euphilotes spaldingi Observed and photographed while with Kurt Radamaker.	Coconino: SR 260 between Camp Verde and SR 87, MP 235-244	18-Sep-10	DP2
Euphilotes spaldingi Observed and photographed while with Kurt Radamaker.	Yavapai: SR 260 between Camp Verde and SR 87, MP 235-244	18-Sep-10	DP2
Euphilotes spaldingi Observed and photographed while with William Bouton, prior record by Kilian Roever.	Yavapai: Stock pond at MP 241 on SR260	18-Sep-10	DP2
Echinargus isola alce Larvae on Dalea bicolor.	Pima: Tucson	13-Jun-09	JPB
<b>RIODINIDAE</b>			
Apodemia nais Observed and photographed while with Kurt Radamaker.	Gila: Pinal Mts	17-Jun-10	DP2
Apodemia nais Common.	Pima: Santa Catalina Mts., Oracle Ridge, near Tucson	27-Jun-10	FHK
Apodemia nais	Pima: Catalina Mts., Mt. Bigelow-Oracle Ridge Trail	29-Jun-10 19-Jul-10	JWS
<b>NYMPHALIDAE</b>			
Marpesia petreus Photographed by Victor Tackett.	Cochise: Near Wilcox	17-Oct-10	HB
Marpesia petreus Seen by Larry Simkins & Nancy Gallagher.	Pima: Lower Madera Cyn., Proctor Rd.	23-Oct-10	HB
Marpesia petreus Photograph.	Pima: Lower Madera Cyn., Proctor Rd.	26-Oct-10	PK1
Mestra amymone LATE, very few migrants in state this year.	Santa Cruz: Pena Blanca Lake	10-Dec-10	FHK
Myscelia cyananthe Rare in SE Arizona, also seen by JPB.	Pima: Box Canyon, Santa Rita Mts.	24-Oct-10	FHK
Asterocampa clyton Photograph by Gary Jue, LATE for state.	Pima: Lower Madera Canyon, Santa Rita Mts.	14-Nov-10	FH

<i>Polygonia faunus hylas</i> Uncommon recently in usual localities.	Apache: Burro Mtn.	01-Sep-10		KR
<i>Polygonia interrogationis</i> Oviposition on <i>Celtis reticulata</i> .	PINAL: Superior, Boyce Thompson Arboretum	30-Mar-09		JBP
<i>Polygonia interrogationis</i> Two adults and larvae taken.	YAVAPAI: Verde River, Cottonwood	14-Sep-10	17-Sep-10	TLS
<i>Anartia fatima</i> Second record for Arizona.	Santa Cruz: Pena Blanca Lake	30-Oct-09		KR
<i>Chlosyne cyneas</i> This individual in 2009 Summary was photographed by Gary Jue.	Pima: Lower Madera Canyon, Santa Rita Mts.	22-Mar-09		JS3
<i>Chlosyne cyneas</i> This record in 2009 Summary was reported with the wrong date.	Santa Cruz: Upper Madera Canyon, Santa Rita Mts.	24-Jun-09		JS3
<i>Chlosyne cyneas</i> This rare species is extending its range north, LATE and new for this Mt. range.	Pima: Santa Catalina Mts., Oracle Ridge, near Tucson	27-Jun-10	08-Nov-10	FHK
<i>Chlosyne cyneas</i> Two adults collected by Doug Mullins, reported by Brian Banker.	PINAL: Santa Catalina Mts., N slope Peppersauce Cyn.	30-Sep-10		BB4
<i>Chlosyne cyneas</i>	Pima: Santa Catalina Mts., 0.5 mi. down E Willow CIR	05-Nov-10		KK
<i>Chlosyne lacinia crocale</i> Unusual N of Mogollon Rim	Navajo: Shumway	03-Sep-10		KR
<i>Microtia elva</i> One of several records in SE Arizona in 2010!	Santa Cruz: Sycamore Canyon, Pajarito Mts.	03-Oct-10		DP2
<i>Microtia elva</i> Observed by Nancy Gallagher	Pima: Box Canyon, Santa Rita Mts.	09-Oct-10		HB
<i>Microtia elva</i> Also seen by Mary Klinkel.	Pima: Box Canyon, Santa Rita Mts.	10-Oct-10	14-Oct-10	KKB
<i>Microtia elva</i> Seen and reported by Jeff Babson.	Pima: Lower Madera Canyon, Proctor Rd.	20-Oct-10		KD
<i>Phyciodes picta</i>	Coconino: Pasture Cyn., 2-3 mi. NE of Tuba City	02-Aug-10		KR
<i>Anthanassa tulcis</i> Very rare in SE Arizona	Santa Cruz: Sycamore Canyon, Pajarito Mts.	16-Nov-10		KR

## Moths

### GEOMETRIDAE

<i>Macaria colata</i> with Dave Wikle, Navajo Indian Reservation, taken off roadside, uv and mv trap, sandy streambed, 6140' elev.,	Apache: nr. Houck n. frontage Rd along I-40	05-Jul-10		CEH
<i>Digrammia curvata</i> with Dave Wikle, behind Post Office uv trap, 6161' elev., Navajo Nation Permit #551	Apache: nr. Houck, n. frontage road along I-40,	05-Jul-10		CEH
<i>Hulstina aridata</i> with Dave Wikle, Navajo Indian Reservation, taken off roadside, uv and mv trap, sandy streambed, 6140' elev.,	Apache: nr. Houck n. frontage road along I-40,	05-Jul-10		CEH
<i>Archirhoe neomexicana</i> with Dave Wikle, .5 mi. w of New Mexico state line, taken at uv & mv light traps, 6640' elev.,	Apache: nr. Houck, n. frontage road along I-40,	05-Jul-10		CEH

### LASIOCAMPIDAE

<i>Malacosoma disstria</i> with Dave Wikle, Navajo Indian Reservation, taken off roadside, uv and mv trap, sandy streambed, 6140' elev.,	Apache: 5.3 mi S. of Lupton, Jones Ranch Road,	06-Jul-10	07-Jul-10	CEH
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### SATURNIIDAE

<i>Hyalophora columbia gloveri</i> Found Dead by Douglas Finnegan	Mohave: Hualapai Mtn Park	08-Aug-10		CEH
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### SPHINGIDAE

<i>Sagenosoma elsa</i> with Dave Wikle, taken at mv/uv lights, 6401' elev., Navajo Nation Permit #551	Apache: nr. Houck, n. frontage road along I-40,	05-Jul-10		CEH
<i>Eumorpha elisa</i> STATE record, US record	Cochise: Foothills Rd, N of Portal	26-Aug-10		BJW

### ARCTIIDAE

<i>Arachnis zuni</i> at lights of Best Western, missed 2009 record	Apache: Eager	17-Jul-09		JPT
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### NOCTUIDAE

<i>Matigramma emmita</i> with Dave Wikle, Navajo Indian Reservation, taken off roadside, uv and mv trap, sandy streambed, 6140' elev.,	Apache: 5.3 mi S. of Lupton, Jones Ranch Road,	06-Jul-10	07-Jul-10	CEH
<i>Catocala chelidonia</i> with Dave Wikle, .5 mi. w of New Mexico state line, taken at uv & mv light traps, 6640' elev.,	Apache: 2.5mi.N of Lupton Hwy12 Navajo Indian Res.	05-Jul-10	06-Jul-10	CEH
<i>Tarachidia libedis</i> with Dave Wikle, behind Post Office uv trap, 6161' elev., Navajo Nation Permit #551	Apache: nr. Houck, n. frontage road along I-40,	05-Jul-10		CEH
<i>Euscirrhopterus gloveri</i> with Dave Wikle, Navajo Indian Reservation, taken off roadside, uv and mv trap, sandy streambed, 6140' elev.,	Apache: 5.3 mi S. of Lupton, Jones Ranch Road,	06-Jul-10	07-Jul-10	CEH
<i>Cerapoda stylata</i> with Dave Wikle, Navajo Indian Reservation, taken off roadside, uv and mv trap, sandy streambed, 6140' elev.,	Apache: 5.3 mi S. of Lupton, Jones Ranch Road,	06-Jul-10	07-Jul-10	CEH
<i>Neogrotella spaldingi</i> with Dave Wikle, Navajo Indian Reservation, taken off roadside, uv and mv trap, sandy streambed, 6140' elev.,	Apache: Lupton, Hwy. 12 at I-40, Navajo Indian Reservation	05-Jul-10	06-Jul-10	CEH

<i>Schinia citrinella</i>	Apache: nr. Houck, n. frontage road along I-40, with Dave Wikle, behind Post Office uv trap, 6161' elev., Navajo Nation Permit #551	05-Jul-10		CEH
<i>Schinia meadi</i>	Apache: 5.2 mi S. of Lupton, Jones Ranch Road, with Dave Wikle, Navajo Indian Reservation, taken off roadside, uv and mv trap, sandy streambed, 6140' elev.,	06-Jul-10	07-Jul-10	CEH
<i>Schinia zuni</i>	Apache: nr. Houck, n. frontage road along I-40, with Dave Wikle, taken at mv lights, 5840' elev.,	05-Jul-10		CEH
<i>Bryolymnia semifascia</i>	Apache: 5.3 mi S. of Lupton, Jones Ranch Road, with Dave Wikle, behind Post Office uv trap, 6161' elev., Navajo Nation Permit #551	06-Jul-10	07-Jul-10	CEH
<i>Oligia indirecta</i>	Apache: Lupton, Hwy. 12 at I-40, Navajo Indian Reservation with Dave Wikle, .5 mi. w of New Mexico state line, taken at uv & mv light traps, 6640' elev.,	05-Jul-10	06-Jul-10	CEH
<i>Scotogramma submarina</i>	Apache: nr. Houck, n. frontage road along I-40, with Dave Wikle, Navajo Indian Reservation, taken off roadside, uv and mv trap, sandy streambed, 6140' elev.,	05-Jul-10		CEH
<i>Tridepia nova</i>	Apache: nr. Houck, n. frontage road along I-40, with Dave Wikle, .5 mi. w of New Mexico state line, taken at uv & mv light traps, 6640' elev.,	05-Jul-10		CEH
<i>Mythimna unipuncta</i>	Apache: 5.3 mi S. of Lupton, Jones Ranch Road, with Dave Wikle, .5 mi. w of New Mexico state line, taken at uv & mv light traps, 6640' elev.,	06-Jul-10	07-Jul-10	CEH
<i>Ulolonche marloffii</i>	Apache: 5.3 mi S. of Lupton, Jones Ranch Road, with Dave Wikle, Navajo Indian Reservation, taken off roadside, uv and mv trap, sandy streambed, 6140' elev.,	06-Jul-10	07-Jul-10	CEH
<i>Ulolonche orbiculata</i>	Apache: Lupton, Hwy. 12 at I-40, Navajo Indian Reservation with Dave Wikle, Navajo Indian Reservation, taken off roadside, uv and mv trap, sandy streambed, 6140' elev.,	05-Jul-10	06-Jul-10	CEH
<i>Peridroma saucia</i>	Apache: nr. Houck, n. frontage road along I-40, with Dave Wikle, .6 mi. w of New Mexico state line, taken at uv & mv light traps, 6640' elev.,	05-Jul-10		CEH
<i>Hemieuxoa rudens</i>	Apache: 5.3 mi S. of Lupton, Jones Ranch Road, with Dave Wikle, .6 mi. w of New Mexico state line, taken at uv & mv light traps, 6640' elev.,	06-Jul-10	07-Jul-10	CEH
<i>Dichagyris grandipennis</i>	Apache: 5.3 mi S. of Lupton, Jones Ranch Road, with Dave Wikle, .5 mi. w of New Mexico state line, taken at uv & mv light traps, 6640' elev.,	06-Jul-10	07-Jul-10	CEH
<i>Protopygia lagena</i>	Apache: nr. Houck, n. frontage road along I-40, with Dave Wikle, Navajo Indian Reservation, taken off roadside, uv and mv trap, sandy streambed, 6140' elev.,	05-Jul-10		CEH
<i>Euxoa choris</i>	Apache: 5.3 mi S. of Lupton, Jones Ranch Road, with Dave Wikle, .6 mi. w of New Mexico state line, taken at uv & mv light traps, 6640' elev.,	06-Jul-10	07-Jul-10	CEH
<i>Euxoa foeminalis</i>	Apache: 5.3 mi S. of Lupton, Jones Ranch Road, with Dave Wikle, Navajo Indian Reservation, taken off roadside, uv and mv trap, sandy streambed, 6140' elev.,	06-Jul-10	07-Jul-10	CEH
<i>Euxoa silens</i>	Apache: nr. Houck, n. frontage road along I-40, with Dave Wikle, behind Post Office uv trap, 6161' elev., Navajo Nation Permit #551	05-Jul-10		CEH
<i>Agrotis orthogonia</i>	Apache: nr. Houck, n. frontage road along I-40, with Dave Wikle, taken at mv/uv lights, 6401' elev., Navajo Nation Permit #551	05-Jul-10		CEH
<i>Xestia c-nigrum</i>	Apache: nr. Houck, n. frontage road along I-40, with Dave Wikle, .6 mi. w of New Mexico state line, taken at uv & mv light traps, 6640' elev.,	05-Jul-10		CEH
<i>Abagrotis alternata</i>	Apache: 2.5mi.N of Lupton Hwy12 Navajo Indian Res. with Dave Wikle, Navajo Indian Reservation, taken off roadside, uv and mv trap, sandy streambed, 6140' elev.,	05-Jul-10	06-Jul-10	CEH
<i>Abagrotis discoidalis</i>	Apache: nr. Houck, n. frontage road along I-40, with Dave Wikle, Navajo Indian Reservation, taken off roadside, uv and mv trap, sandy streambed, 6140' elev.,	05-Jul-10		CEH
<i>Abagrotis orbis</i>	Apache: nr. Houck, n. frontage road along I-40,	05-Jul-10		CEH
<i>Abagrotis striata</i>	Apache: 5.3 mi S. of Lupton, Jones Ranch Road, with Dave Wikle, Navajo Indian Reservation, taken off roadside, uv and mv trap, sandy streambed, 6140' elev.,	06-Jul-10	07-Jul-10	CEH

## CALIFORNIA

The 2010 Season had above average precipitation in much of California. But rainfall was mostly sparse in the desert regions and flights were poor there. It was a poor year for most desert butterflies and especially so for migrants from Mexico and Arizona. Many records included here document the recovery of butterfly populations in areas hit hard by recent major forest or wildfires. One (*Euphydryas editha*) had not been seen at all in thirteen years in the upper Kern River area and suddenly reappeared in some numbers at several localities, suggesting these were not re-colonizations. Perhaps these survived as immatures underground until favorable circumstances and conditions allowed them to complete development.

We report three new county records for butterfly species and another for a subspecies. There was a fourth new COUNTY record reported in the Journal of the Lepidopterists' Society (Vol. 64, Number 4 on pg. 214): *Zerene cesonia*, mouth of Hall Canyon, VENTURA COUNTY, same date (not specified) in mid-1950's by Peter Jump (the specimens are still in his collection).

Kelly Richers reports the moth records from the state.

## Butterflies

### HESPERIIDAE

<i>Thorybes pylades indistinctus</i>	San Luis Obispo: Cerro Alto, Coast Ranges Few known localities in this county.	13-Apr-06		WB
<i>Hesperopsis graciellae</i>	San Bernardino: US 95, 15.4 mi. south of Vidal Jct.	11-Apr-10		JPB
<i>Hesperopsis libya joaquina</i>	Santa Barbara: Ballinger Canyon Photograph, second record for this county and rare throughout range for several years.	06-Jun-10		NL
<i>Erynnis brizo lacustra</i>	Tulare: Durrwood Creek south of Johnsondale=R Ranch Few localities in county and Sierra Nevada.	14-May-10		KD

<i>Pyrgus ruralis</i>	Santa Cruz: A few miles NW of Santa Cruz	29-Dec-05		KD
Photo by Ray Collett at BOA website, an unusual December record!				
<i>Hesperia columbia</i>	Tulare: Serpentine outcrop Sherman Pass Rd. near Bald Mtn.	02-Jul-10		KD
Range extension east of the Sierran Divide, taken at near 8000', HIGH!				
<i>Hesperia pahaska martini</i>	San Bernardino: East end New York Mts., near Mail Spring 5100'	28-May-10		JFE
EARLY record for state.				
<i>Hesperia uncas</i>	Mono: Bald Mountain 9104'	27-Jun-99		KD
Fresh male collected by Kevin Davenport, new locality.				
<i>Euphyes vestris</i>	Siskiyou: FR 17, Shasta-Trinity NF, Scott Mts.	03-Sep-10		MSD
Very LATE for the state.				
<b>PAPILIONIDAE</b>				
<i>Battus philenor</i>	Los Angeles: Claremont	12-Mar-10		KD
Reported by Laura Camp; breeding population in a local public garden.				
<i>Battus philenor</i>	Los Angeles: San Marino	13-Jul-10		DW
Stray here, but nominate subspecies still breeding in Claremont through the season.				
<i>Papilio crespontes</i>	Santa Barbara: West Goleta, Storke Ranch	22-Aug-10		NL
Sight record, still no captured or collected individuals in this county.				
<i>Papilio crespontes</i>	Orange: Irvine	14-Sep-10		KD
Photo by Suzi Cassidy.				
<i>Papilio eurymedon</i>	Kern: Erskine Creek and Canyon	20-Aug-10		JS6
Very late for this area.				
<i>Papilio indra phyllisae</i>	Tulare: Rocky outcrop 9000', 0.5 mi. W of Sherman Pass.	03-Jul-10		KD
Only the second indra collected west of Sherman Pass though several have been observed.				
<i>Papilio indra phyllisae</i>	Kern: Piute Mts., Piute Mtn. Vista 8300'	17-Jul-10		KD
Fresh male evidence of small second brood following wet year.				
<i>Papilio indra phyllisae</i>	Tulare: Bald Mtn. 9350' south Sherman Pass Rd.	14-Aug-10		KD
One worn male, one fresh female, LATE and evidence of second flight (main brood here June-early July).				
<i>Papilio indra shastensis</i>	Sonoma: Austin Creek 700-900', "The Cedars."	14-May-10		JFE
Egg on <i>Cymopterus terebinthinus</i> .				
<i>Papilio multicaudata pusillus</i>	Mendocino: Along Hwy. 101; 3 mi. N of Rattlesnake Summit	16-Jun-10		JFE
Few records from this county.				
<b>PIERIDAE</b>				
<i>Pontia sisymbrii</i>	San Luis Obispo: Carizzo Plain National Monument	01-Mar-10		DW
Very rare in SLO County.				
<i>Pontia sisymbrii</i>	Washoe: Hunter Crk. and Cyn., west of Reno	25-Apr-10	26-Apr-10	AG
<i>Euchloe ausonides transmontana</i>	Washoe: Hunter Crk. and Cyn., west of Reno	25-Apr-10	26-Apr-10	AG
<i>Euchloe hyantis</i>	Sonoma: Austin Creek 700-900', "The Cedars."	14-May-10		JFE
<i>Euchloe hyantis</i>	Tulare: Sierra Hwy. N of Roads End along Kern River	14-May-10		KD
One very large female, also within 2002 burn area, first seen here since that year.				
<i>Euchloe hyantis</i>	Tulare: Kern River Trail near Sherman Pass Rd., Kern River	14-May-10		KD
Fist hyantis seen in region since 2002 fire.				
<i>Anthocharis cethura</i>	San Diego: Otay Mtn.	01-Mar-10		MW
Good flight following 2003 wildfire and good rains.				
<i>Anthocharis cethura catalina</i>	Los Angeles: East end of Divide Rd., Santa Catalina Island	09-Apr-10		JPB
Common on land that burned three years prior.				
<i>Anthocharis cethura hadromarmorata</i>	Inyo: Hilltop above mouth Homewood Cyn., Argus Mts.	25-Feb-10	12-Apr-10	KD
Very common latter date.				
<i>Anthocharis lanceolata</i>	Tulare: Sherman Pass Rd. E of Kern River 4900'	07-May-10	14-May-10	KD
Recolonizing 2002 burn area, common.				
<i>Anthocharis lanceolata</i>	Tulare: Limestone Camp area, upper Kern River	07-May-10		KD
Recolonizing 2002 burn area, common.				
<i>Anthocharis lanceolata desertolimbus</i>	Riverside: Cactus Trail, Santa Rosa Wilderness	03-Apr-10		MW
Common, not seen every year here.				
<i>Anthocharis sara</i>	San Diego: Vallecito Wash, Mason Valley	12-Mar-10		JFE
Ova on <i>Brassica tournefortii</i> (Sahara Mustard), an invasive plant.				
<b>LYCAENIDAE</b>				
<i>Atlides halesus</i>	Monterey: Vineyard Canyon Rd, 9.3 Mi.NE Indian Valley Rd	11-Sep-10		JFE
<i>Atlides halesus</i>	Kern: Weldon, jct. Just south SR178 & Kelso Valley Rd.	04-Nov-10		KD
Very unusual large emergence so late in season.				
<i>Satyrrium saepium subaridum</i>	TULARE: 2-4 mi. N Chimney Peak Rd. on Kennedy Meadows Rd.	22-Jul-08		KD
Probably taken here before, but not recognized as to correct subspecies.				
<i>Satyrrium saepium subaridum</i>	Tulare: Bald Mt., 9000'. South of Sherman Pass Rd.	14-Aug-10		KD
Adults perching on <i>Ceanothus greggii</i> ; not previously recognized to correct subspecies.				
<i>Callophrys fotis mojavensis</i>	San Bernardino: New York Mts., near Mail Spring 5100'	28-May-10		JFE
Larvae on <i>Purshi stansburiana</i> .				
<i>Callophrys muiroi</i>	Sonoma: Austin Creek 700-900', "The Cedars."	14-May-10		JFE
Associated with <i>Cupressus sargentii</i> .				

Callophrys sheridanii lemberti	Siskiyou: South slope Mt. Shasta, old Ski Bowl 8200'	14-Aug-10		KD
Reported with photos by Ray Bruun & Rob Santry.				
Callophrys thornei	San Diego: Otay Mtn.	01-Mar-10		MW
Very abundant on young Tecate Cypress, the larval host.				
Ziegleria syllis	VENTURA: Just south Pt. Mugu SP, coastal Santa Monica Mts.	17-Apr-05		JGP
New County and State record and one of two USA records!				
Strymon avalona	Los Angeles: hills above Avalon, Santa Catalina Island.	09-Apr-10	29-May-10	JPB
Recovering from recent burn.				
Habrodais grunus	Santa Barbara: Tranquillon Peak, Vanderberg AFB	18-Jul-10		NL
Philotes sonorensis	Kern: East slope Piute Mts., 4 mi. west of Sageland	16-Apr-10		KD
Several collected, accompanied by David Horner.				
Euphilotes ancilla pseudointermedia	Nevada: Boreal Ridge, south Donner Summit	18-Jun-01		PAO
Male genitalia checked.				
Plebejus neurona	Kern: Mt. Pinos-McGill Camp area	19-Aug-10	04-Sep-10	JS6
Second brood, common.				
Plebejus neurona	Kern: Mt. Pinos, Seymour Cyn. Rd. & near McGill Camp	21-Aug-10	15-Sep-10	KD
LATE for species, large second brood observed at this locality this year.				
Plebejus shasta	Tulare: Mineral King (now a National Park)	26-Jul-33		KD
Collected by G. H. Heid.				
<b>RIODINIDAE</b>				
Calephelis wrighti	Inyo: Argus Mts., Homewood Canyon Wash	26-Mar-10	12-Nov-10	KD
LATE date for the northern Mojave Desert.				
Apodemia mormo cythera	Tulare: Bald Mtn. 9380', south of Sherman Pass Rd.	14-Aug-10	21-Aug-10	KD
HIGH for the cythera group, found commonly by James Snyder on latter date.				
<b>NYMPHALIDAE</b>				
Danaus gilippus thersippus	Mono: East of Tioga Pass	03-Aug-10		KD
Sight record by Robert V. Dowell. Just outside Yosemite Nat'l Park.				
Heliconius charithonia	SAN DIEGO: North Park, San Diego 92104	11-Nov-05		KD
Photos from yard and elsewhere by Mark & Camille Stratton.				
Euptoieta claudia	MONO-ALPINE: North of Sonora Pass	27-Jul-10		JRM
First record for Alpine County, seen twice before in Mono County.				
Speyeria hesperis cottlei	Shasta: Six mi. south of McCloud	14-Jul-10	15-Jul-10	PT1
Limenitis lorquini powelli	Kern: Ravine at Lake of the Woods	15-Sep-10		KD
Range extension for subspecies powelli.				
Nymphalis californica	Washoe: Hunter Crk. and Cyn., west of Reno	25-Apr-10	26-Apr-10	AG
Nymphalis californica	Siskiyou: Summit of Mt. Shasta 14,162'	13-Jul-10		PT1
Polygonia oreas	Plumas: Schneider Crk. at Flying T Ranch Rd.	01-Jul-09	05-Jul-09	WDP
Several taken, rarely reported in Sierra Nevada.				
Chlosyne leanira	Tulare: North of Roads End, E of Kern River	14-May-10	21-May-10	KD
Firs time seen in some numbers since 2002 fire.				
Chlosyne leanira	Tulare: South of Limestone Camp, E of Kern River	14-May-10	21-May-10	RMD
Leanira X wrighti X alma blend zone, rare here since 2002 fire.				
Phyciodes orseis herlani	Fresno: Fourth Recess Lake	04-Jul-08		KD
Three collected by Dr. Jack V. Vaughn.				
Euphydryas chalcedona dwinnellei	Siskiyou: 10 mi. NW of Tennant	11-Jul-10		PT1
Euphydryas editha	Tulare: Kern River just south of Limestone Camp	07-May-10	14-May-10	KD
Believed extirpated by 2002 fire, first time seen here since 1987.				
Euphydryas editha	Tulare: Kern River, dam 0.7 mi. N Roads End	07-May-10		KD
First record since 1987 at this locality, recovering from 2002 fire.				
Euphydryas editha	Tulare: Sherman Pass Rd. E of Kern River 4900'	07-May-10	21-May-10	RMD
Believed extirpated by 2002 fire, first time seen here since 1987.				
Euphydryas editha	Tulare: Kern River Trail near Sherman Pass Rd., Kern River	21-May-10		RMD
New locality within 2002 burn area, but no editha seen here in previous visits.				
Euphydryas editha augustina	Tulare: Sherman Pass Rd. Jct. with Cherry Hill Rd.	21-May-10		RMD
New colony site for augustinus; also within 2002 burn area.				
Euphydryas editha luestherae	Sonoma: Austin Creek 700-900', "The Cedars."	14-May-10		JFE
Darker than normal luestherae.				
Euphydryas editha tahoensis	Washoe: Hunter Crk. and Cyn., west of Reno	25-Apr-10	26-Apr-10	AG
<b>Moths</b>				
<b>TISCHERIIDAE</b>				
Tischeria ceanothi	Fresno: Huntington L, Tamarack Lodge, 7500'	26-Jun-10		VXA
<b>TINEIDAE</b>				
Tinea irrepta	Fresno: Huntington L, Tamarack Lodge, 7500'	17-Jul-10		VXA
at uv trap				
Tineola bisselliella	Siskiyou: Mt Shasta City	22-Aug-10		VXA
uv trap				
<b>BUCCULATRICIDAE</b>				



Bucculatrix zophopasta at mv light	Madera: O'Neals, 1500'	29-Jun-10	VXA
<b>GRACILLARIIDAE</b>			
Caloptilia ferruginella at uv trap	Fresno: Huntington L, Tamarack Lodge, 7500'	17-Jul-10	VXA
Caloptilia nondeterminata ex larva on Alnus incana at Mary L	Mono: Mammoth Lakes on Sep 24, Oct date is emergence	12-Oct-10	VXA
Phyllonorycter inusitatella ex. larva on QUercus chrysolepis	Madera: O'Neals, 1500'	17-Feb-10	VXA
Phyllonorycter nipigon at dusk on Chrysotamnus flowers	Inyo: Convict Lake, 7600'	23-Sep-10	VXA
Cameraria serpentiniensis ex larva on Quercus sp.	Madera: O'Neals, 1500'	23-May-10	VXA
<b>OECOPHORIDAE</b>			
Decantha stonda at mv light	Madera: O'Neals, 1500'	29-Jun-10	VXA
<b>ELACHISTIDAE</b>			
Agonopterix rosaciliella at mv light	Madera: O'Neals, 1500'	20-Jan-10	VXA
<b>GELECHIIDAE</b>			
Aristotelia fungivorella	Siskiyou: Mt Shasta City	22-Aug-10	VXA
Coleotechnites milleri at uv trap	Madera: O'Neals, 1500'	09-May-10	VXA
Pseudochelaria manzanitae at uv trap	Inyo: Lone Pine, 5500'	23-Sep-10	VXA
Lita princeps at uv trap	Inyo: Lone Pine, 5500'	23-Sep-10	VXA
Lita sironae at uv trap	Inyo: Lone Pine, 5500'	23-Sep-10	VXA
Lita thaliae at uv trap	Inyo: Lone Pine, 5500'	23-Sep-10	VXA
Gelechia panella diurnal, flushed	Madera: Willow Cr, Bass L	19-Apr-10	VXA
Gnorimoschema octomaculella diurnal on Chrysothamnus	Mono: Mammoth Lakes	24-Sep-10	VXA
Scrobipalpula chiquitella	Sierra: SFSU Field Station	02-Jul-10	JAP
Chionodes retiniella	Plumas: 6 mi NW Quincy	15-Jun-10	LLC
Filatima saliciphaga at mv light	Mono: Mammoth Lakes	24-Sep-10	VXA
<b>COLEOPHORIDAE</b>			
Coleophora glaucella ex larva on manzanita	Madera: O'Neals, 1500'	23-May-10	VXA
<b>COSMOPTERIGIDAE</b>			
Periploca ceanothiella at uv trap	Fresno: Huntington L, Tamarack Lodge, 7500'	17-Jul-10	VXA
<b>PLUTELLIDAE</b>			
Ypsolopha cervella ex pupa on Quercus	Madera: O'Neals, 1500'	13-May-10	VXA
Ypsolopha schwarziella in uv trap	Napa: Calistoga	26-Aug-10	VXA
<b>CRAMBIDAE</b>			
Agriphila attenuata at uv trap	San Luis Obispo: Cambria	16-Oct-10	VXA
Agriphila costalipartella	Modoc: 6 mi E of Cedarville	07-Aug-10	LLC
Choristostigma zephyralis	Plumas: 9 mi E of Quincy	12-Jun-10	LLC
Cybalomia extorris	Lassen: 7 mi E of Bieber	31-Jul-10	LLC
Evergestis comstocki uv trap	Inyo: Lone Pine, 5500'	22-Sep-10	VXA
Loxostege immerens	Lassen: Turtle Mtn.	25-Apr-10	LLC
Mimorista subcostalis	Plumas: 5 mi SW Belden	18-Jun-10	LLC
Mimoschinia rufofascialis	Plumas: Onion Valley	21-Jul-10	LLC
Prorasea pulveralis	Plumas: 5 mi SW Belden	10-Jun-10	LLC
Pyrausta grotei diurnal on mint	Fresno: Potter Pass, Kaiser Wilderness, 9000'	17-Jul-10	VXA
Pyrausta nexalis diurnal on mint	Fresno: Potter Pass, Kaiser Wilderness, 9000'	17-Jul-10	VXA
Pyrausta unifascialis	Plumas: Onion Valley	21-Jul-10	LLC

<i>Udea itysalis</i>	Lassen: 7 mi E of Bieber	05-Sep-10	LLC
<b>PYRALIDAE</b>			
<i>Cacotherapia angulalis</i> uv trap	Fresno: Huntington L, Tamarack Lodge, 7500'	17-Jul-10	VXA
<i>Cacotherapia angulalis</i> at mv light	Madera: O'Neals, 1500'	14-Aug-10	VXA
<i>Galleria mellonella</i> at mv light	Madera: O'Neals, 1500'	12-Oct-10	VXA
<i>Anagasta kuehniella</i> uv trap	Fresno: Huntington L, Tamarack Lodge, 7500'	17-Jul-10	VXA
<i>Etiella zinckenella</i>	Plumas: 6 mi NW Quincy	27-Jul-10	LLC
<i>Ambesa walsinghami</i> uv trap	Fresno: Huntington L, Tamarack Lodge, 7500'	17-Jul-10	VXA
<i>Dioryctria pentictionella</i> uv trap	Fresno: Huntington L, Tamarack Lodge, 7500'	17-Jul-10	VXA
<i>Dioryctria pentictionella</i>	Napa: Calistoga	26-Aug-10	VXA
<i>Dioryctria ponderosae</i> at mv light	Madera: O'Neals, 1500'	19-May-10	VXA
<i>Lipographis leoninella</i>	Modoc: 6 mi E of Cedarville	11-Sep-10	LLC
<i>Honora dotella</i> uv trap	Fresno: Huntington L, Tamarack Lodge, 7500'	17-Jul-10	VXA
<i>Laetilia coccidivora</i> at dusk, on <i>Chrysothamnus</i>	Inyo: Horshoe Mdw, above Lone Pine, 8000'	22-Sep-10	VXA
<i>Rumathia bihinda</i> at mv light	Inyo: Lone Pine, 5500'	22-Sep-10	VXA
<i>Sosipatra thurberiae</i> at mv light	Madera: O'Neals, 1500'	05-May-10	VXA
<i>Cadra cautella</i> at mv light	Madera: O'Neals, 1500'	14-Aug-10	VXA
<b>SESIIDAE</b>			
<i>Synanthedon chrysidipennis</i> diurnal	Siskiyou: Mt Shasta City, Castle L, 8000'	24-Aug-10	VXA
<b>CHOREUTIDAE</b>			
<i>Prochoreutis dyarella</i>	Sierra: Big Spring	03-Jul-10	JAP
<b>TORTRICIDAE</b>			
<i>Phaneta indagatricana</i>	Modoc: 4 mi W of Adin	21-Aug-10	LLC
<i>Phaneta indagatricana</i>	Lassen: 4 mi E of Bieber	21-Aug-10	LLC
<i>Phaneta parvana</i> at uv trap	San Luis Obispo: Cambria	16-Oct-10	VXA
<i>Phaneta tenuiana</i> uv trap	Mono: Convict Lake	24-Sep-10	VXA
<i>Eucosma bobana</i>	Plumas: 6 mi NW Quincy	13-Jul-10	LLC
<i>Eucosma canariana</i>	Modoc: 6 mi E of Cedarville	07-Aug-10	LLC
<i>Eucosma caniceps</i>	Modoc: 6 mi E of Cedarville	11-Sep-10	LLC
<i>Eucosma conspiciendana</i>	Plumas: 3 mi SE of Beckwourth	04-Jul-10	LLC
<i>Eucosma dorsisignatana</i>	Modoc: 4 mi W of Adin	27-Aug-10	LLC
<i>Eucosma dorsisignatana</i>	Lassen: 4 mi E of Bieber	03-Sep-10	LLC
<i>Eucosma ridingsana</i>	Lassen: 7 mi E of Bieber	03-Aug-10	LLC
<i>Eucosma siskiyouana</i> uv trap	Fresno: Huntington L, Tamarack Lodge, 7500'	17-Jul-10	VXA
<i>Eucosma spaldingana</i>	Lassen: 7 mi E of Bieber	03-Aug-10	LLC
<i>Pelochrista argenteana</i>	Lassen: 4 mi E of Bieber	26-Jun-10	LLC
<i>Pelochrista popana</i>	Modoc: Dismal Swamp	19-Jul-10	LLC
<i>Epinotia emarginana</i> diurnal, flushed	Mono: Emerald L at Mammoth Lakes	24-Sep-10	VXA
<i>Epinotia signiferana</i> at mv light	Mono: Mammoth Lakes	23-Sep-10	VXA
<i>Epinotia subplicana</i> diurnal, flushed from <i>Ceanothus</i>	Fresno: Kaiser Wilderness, 9000'	18-Jul-10	VXA
<i>Ancylis simuloides</i>	Plumas: 5 mi SW Belden	18-Jun-10	LLC
<i>Ancylis simuloides</i> at uv trap	Siskiyou: Mt Shasta City	22-Aug-10	VXA
<i>Dichrorampha radicolana</i> diurnal, flushed	Fresno: Potter Pass, Kaiser Wilderness, 9000'	17-Jul-10	VXA
<i>Dichrorampha sedatana</i> diurnal, flushed	Fresno: Potter Pass, Kaiser Wilderness, 9000'	17-Jul-10	VXA
<i>Phtheochroa aegrana</i>	Lassen: 4 mi E of Bieber	26-Jun-10	LLC
<i>Phtheochroa aegrana</i>	Plumas: 2 mi SE Beckwourth	04-Jul-10	LLC

Grapholita lana diurnal, flushed	Fresno: Potter Pass, Kaiser Wilderness, 9000'	17-Jul-10	VXA
Cydia latiferreanus at mv light	Siskiyou: Mt Shasta City	24-Aug-10	VXA
Cydia pomonella	Napa: Calistoga	26-Aug-10	VXA
Cydia prosperana uv trap	Fresno: Huntington L, Tamarack Lodge, 7500'	17-Jul-10	VXA
Eana argentana flushed at dusk	Fresno: Huntington L, Tamarack Lodge, 7500'	17-Jul-10	VXA
Ptycholoma virescana uv trap	Fresno: Huntington L, Tamarack Lodge, 7500'	17-Jul-10	VXA
<b>GEOMETRIDAE</b>			
Digrammia californiaria	Lassen: 7 mi E of Bieber	05-Sep-10	LLC
Digrammia denticulata uv trap	Madera: O'Neals, 1500'	29-Jun-10	VXA
Paraglaucina hulstinoides uv trap	Inyo: Lone Pine, 5500'	22-Sep-10	VXA
Pterotaea comstocki uv trap	Madera: O'Neals, 1500'	19-Jun-10	VXA
Apodrepanulatrix litaria at mv light	Mono: Mammoth Lakes	23-Sep-10	VXA
Thalophaga nigroseriata	Sierra: SFSU Field Station	02-Jul-10	JAP
Neoterpes edwardsata at mv light	Madera: O'Neals, 1500'	05-May-10	VXA
Sicya macularia at mv light	Madera: O'Neals, 1500'	12-May-10	VXA
Synaxis jubararia at mv light	Mono: Mammoth Lakes	23-Sep-10	VXA
Enypia packardata uv trap	Fresno: Huntington L, Tamarack Lodge, 7500'	17-Jul-10	VXA
Synchlora aerata liquoraria at mv light	Madera: O'Neals, 1500'	05-Dec-10	VXA
Chlorochlamys phyllinaria	Plumas: 5 mi SW Belden	18-Jun-10	LLC
Hydriomena gracillima STATE record	Humboldt: Kneeland	27-Aug-10	RSW
Stamnodes eldridgensis resting at day at mv light	Alameda: Berkeley	20-Feb-10	VXA
Epirrhoe alternata uv trap	Fresno: Huntington L, Tamarack Lodge, 7500'	17-Jul-10	VXA
Orthonama obstipata uv trap	Madera: O'Neals, 1500'	29-Jun-10	VXA
Venusia pearsalli at mv light	Madera: O'Neals, 1500'	01-Feb-10	VXA
Eupithecia subvirens uv trap	Fresno: Huntington L, Tamarack Lodge, 7500'	17-Jul-10	VXA
Lobophora magnoliatoidata uv trap	Siskiyou: Castle Lake, Mt Shasta City, 8000'	24-Aug-10	VXA
<b>LASIOCAMPIDAE</b>			
Gloveria medusa	San Luis Obispo: Montana de Oro SP, 310'	29-Jul-10	KMR
<b>SPHINGIDAE</b>			
Erinnyis ello Melinda Green at Black Light	Santa Cruz: Aptos	13-Aug-10	KMR
Erinnyis ello Black light	Humboldt: Kneeland	18-Aug-10	RSW
Erinnyis ello at mv light	Madera: O'Neals, 1500'	05-Sep-10	VXA
<b>LYMANTRIIDAE</b>			
Orgyia antiqua badia Black light trap	Trinity: South Fork Mtn, Fern Spring, 5400'	02-Oct-10	RSW
<b>NOCTUIDAE</b>			
Eumicremma minima at mv light	Madera: O'Neals, 1500'	05-Sep-10	VXA
Idia americalis	Plumas: 6 mi NW Quincy	09-Jun-10	LLC
Idia americalis uv trap	Madera: O'Neals, 1500'	19-Jun-10	VXA
Hypena californica at uv trap	San Luis Obispo: Montana de Oro SP, Los Osos, 310'	14-May-10	KMR

Litocala sexsignata diurnal around manzanita	Madera: Willow Cr, Bass Lake	19-Apr-10	VXA
Drasteria divergens uv trap	Fresno: Huntington L, Tamarack Lodge, 7500'	17-Jun-10	VXA
Catocala junctura	Lassen: 4 mi E of Bieber	27-Sep-10	LLC
Autographa pasiphaeia uv trap	Madera: O'Neals, 1500'	09-May-10	VXA
Conochares elegantula at mv light	Madera: O'Neals, 1500'	05-Sep-10	VXA
Alypia langtoni	Plumas: 9 mi E of Quincy	30-May-10	LLC
Unciella flagrantis at u.v. trap	Inyo: Whitney Portals Rd, Lone Pine, 4130'	16-Apr-10	KMR
Sympistis linda uv trap	Inyo: Lone Pine, 5500'	21-Sep-10	VXA
Tricnemis saporis	Plumas: 5 mi SW Belden	18-Jun-10	LLC
Xanthothrix neumogeni diurnal on flowers	San Luis Obispo: Shell Cr Rd, off Rt 58	19-Mar-10	VXA
Schinia amaryllis diurnal on Aster	San Luis Obispo: Shell Cr Rd off Rt 58	19-Mar-10	VXA
Caradrina meralis uv trap	Napa: Calistoga	26-Aug-10	VXA
Hyppa brunneicrista uv trap	Fresno: Huntington L, Tamarack Lodge, 7500'	17-Jul-10	VXA
Hyppa indistincta uv trap	Fresno: Huntington L, Tamarack Lodge, 7500'	17-Jul-10	VXA
Archanara subflava	Lassen: 4 mi E of Bieber	26-Aug-10	LLC
Amphipoea senilis	Lassen: 4 mi E of Bieber	27-Sep-10	LLC
Platypolia anceps Black light trap	Trinity: South Fork Mtn, Fern Spring, 5400'	02-Oct-10	RSW
Ufeus satyricus sagittarius	Lassen: Willow Cr. Campgrd.	26-Sep-10	LLC
Lacinipolia circumcincta uv trap	Siskiyou: Mt Shasta City	24-Aug-10	VXA
Lacinipolia circumcincta uv trap	San Luis Obispo: Cambria	16-Oct-10	VXA
Lacinipolia comis uv trap	Siskiyou: Mt Shasta City	22-Aug-10	VXA
Lacinipolia cuneata at mv light	Madera: O'Neals, 1500'	09-Oct-10	VXA
Lacinipolia strigicollis uv trap	Fresno: Huntington L, Tamarack Lodge, 7500'	17-Jul-10	VXA
Lacinipolia vicina	Siskiyou: Paradise Dr, 2 mi NW Dorris, 4440'	06-Jul-10	L/R
Protorthodes perforata at mv light	Inyo: Lone Pine, 5500'	21-Sep-10	VXA
Copablepharon serrata	Inyo: Lone Pine, 5500'	21-Sep-10	VXA
Protopygia milleri uv trap	Fresno: Huntington L, Tamarack Lodge, 7500'	17-Jul-10	VXA
Euxoa aequalis alko at mv light	Inyo: Lone Pine, 5500'	21-Sep-10	VXA
Euxoa austrina	Humboldt: Prairie Lake, 1800'	11-Jul-10	RSW
Euxoa basalis	Lassen: 7 mi E of Bieber	02-Aug-10	LLC
Euxoa bicollaris uv trap	Fresno: Huntington L, Tamarack Lodge, 7500'	17-Jul-10	VXA
Euxoa mimallonis	Lassen: Willow Cr. Campgrd.	24-Sep-10	LLC
Euxoa obeliscoides uv trap	San Luis Obispo: Cambria	16-Oct-10	VXA
Euxoa pallipennis at mv light	Inyo: Lone Pine, 5500'	21-Sep-10	VXA
Euxoa perpolita at mv light	Mono: Mammoth Lakes	23-Sep-10	VXA
Euxoa septentrionalis at mv light	Mono: Mammoth Lakes	23-Sep-10	VXA
Agrotis venerabilis	Lassen: Willow Cr. Campgrd.	24-Sep-10	LLC
Noctua pronuba	Shasta: Redding	10-Jun-10	JNL
Noctua pronuba Black light	Placer: Nuack Exit on I-80	03-Jul-10	KMR
Xestia finatimis at mv light	Madera: O'Neals, 1500'	26-Sep-10	VXA
Xestia oblata	Plumas: 6 mi NW Quincy	27-Jul-10	LLC
Adelphagrotis stellaris	San Luis Obispo: Montana de Oro SP, 310'	30-Apr-10	KMR

**NEVADA**

A few records were reported by one contributor, none were COUNTY records.

**Butterflies****PIERIDAE**

Pontia sisymbrii	Washoe: Hunter Crk. and Cyn., west of Reno	25-Apr-10	26-Apr-10	AG
Euchloe ausonides transmontana	Washoe: Hunter Crk. and Cyn., west of Reno	25-Apr-10	26-Apr-10	AG
Anthocharis sara stella	Washoe: Hunter Crk. and Cyn., west of Reno	25-Apr-10	26-Apr-10	AG

**NYMPHALIDAE**

Nymphalis californica	Washoe: Hunter Crk. and Cyn., west of Reno	25-Apr-10	26-Apr-10	AG
Euphydryas editha tahoensis	Washoe: Hunter Crk. and Cyn., west of Reno	25-Apr-10	26-Apr-10	AG

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

**Coordinator:** Charles E. Harp

**Contributors Cited:**

BKB : Barbara K. Bartell

MSF : Michael S. Fisher

NG : Nate Gibson

H/H : Chuck Harp &amp; Chris Harp

PAO : Paul A. Opler

TLS : Todd Stout

DEB : Donald E. Bowman

GSF : Gregory S. Forbes

CCG : Chris C. Grinter

SJK : Steven J. Kohler

MAQ : Mike Quinn

PT1 : Paul Thompson

SJC : Steven J. Cary

MG2 : Matthew Garhart

CEH : Charles E. Harp

EHM : Eric H. Metzler

KR : Kilian Roever

EHW : Ernest Williams

**General Comments:**

There were 24 contributors to the 2010 Summary, coming from 18 listed contributors and an additional 32 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, 7 state and over 960 new county moth records. It was a season that continued into mid-October for most states, providing several late records and several species taken as strays.

**COLORADO**

Mike Fisher reported good snow amounts in early Spring in mountainous areas that would provide good collecting conditions later in the Summer. Spring flights for most species were delayed across the state, however; due to the cool, wet conditions until late May. Warming weather by Memorial Day weekend melted much of the snowpack and a week of hot weather and high winds in late May produced several records of strays of both butterflies and moths. Most notably, Don Tangren collected *Gonodonta pyrgo* near Buena Vista for a state record. Warm, dry weather through late summer and into early November allowed an extended collecting season for fall-flying Nymphalid butterflies and Noctuid moths.

Nine contributors provided records from the 2010 season, including additional photographic and vouchered specimen data from 12 observers and collectors. Barbara Bartell continued her detailed survey of sampling moths from her home in Gilpin County. Four county records for butterflies and 478 new county records for moths were reported.

**Butterflies****HESPERIIDAE**

<i>Pyrgus centaureae loki</i> taken at 10400' elev.,	Mesa: Grand Mesa, 2 mi. W. of SR 65 on Lands End Rd.,	29-Jun-10		MSF
<i>Hylephila phyleus</i> vouchered specimen by Paul Opler	LARIMER: Loveland, Benson Sculpture Park	03-Oct-10		PAO
<i>Hylephila phyleus</i> sight observation by Paul Opler, Remington and Gilpin Sts.	Larimer: Ft. Collins, CSU Display Garden,	07-Oct-10		PAO

**PAPILIONIDAE**

<i>Papilio crespontes</i>	Pueblo: 20 mi. S of Pueblo,	05-Jul-10	16-Jul-10	DEB
<i>Papilio indra minori</i> Flying near radio towers at type locality	Mesa: Blackridge Breaks	15-Jul-08		MG2
<i>Papilio zelicaon</i> at mud along canyon bottom	Mesa: Devil's Canyon	22-Apr-08		MG2
<i>Parnassius smintheus</i> Alpine Tundra	Grand: Mt. Nystrom, Jones Pass	10-Jul-08		MG2
<i>Parnassius smintheus</i>	Alamosa: north ridge of California Peak, 11850' elev.,	17-Sep-10		PT1
<i>Parnassius smintheus pseudorotgeri</i> Alpine Tundra	Ouray: FR 853-1b Yankee Boy Basin	17-Jul-10		MG2
<i>Parnassius smintheus sayii</i> Sub-Alpine	Boulder: Klondike Mtn. Above Caribou	07-Jul-08		MG2
<i>Parnassius smintheus sayii</i> S. Unaweep Canyon, Ponderosa Pine habitat	Mesa: FR 402, Uncompahgre Natl. Forest,	20-Jun-10		MG2

Parnassius smintheus sayii Alpine Tundra	Chaffee: Jones Mountain, Cottonwood Pass	24-Jul-10		MG2
Parnassius smintheus sayii	Huerfano: north ridge of California Peak, 11850' elev.,	17-Sep-10		PT1
<b>PIERIDAE</b>				
Pontia beckerii Pinyon Pine habitat	Mesa: Bigwash Canyon, Hwy 65	17-Apr-10		MG2
Pontia occidentalis	Huerfano: Peak 1.6 NNW of Blanca Peak, 13577' elev.,	17-Sep-10		PT1
Pontia occidentalis	Alamosa: Peak 1.6 NNW of Blanca Peak, 13577' elev.,	17-Sep-10		PT1
Pontia protodice sight observation by Paul Opler	Montezuma: Mesa Verde National Park, Park Museum	21-Sep-10		PAO
Pieris oleracea collected by K.D. Garhart, Alpine Tundra	Ouray: FR 853-1b Yankee Boy Basin	17-Jul-10		MG2
Euchloe ausonides Ponderosa Pine habitat	Larimer: Poudre Canyon	11-May-04		MG2
Euchloe lotta Pinyon Pine habitat	Mesa: Blackridge Breaks	20-Apr-08		MG2
Anthocharis sara Pinyon Pine habitat	Mesa: Blackridge Breaks	20-Apr-08		MG2
Anthocharis sara Female collected and found ova on Arabis sparsiflora 7400'	Montezuma: North side Summit Reservoir; Road P8	08-May-10		TLS
Anthocharis sara taken at 6000'-6400' elev., late record but most found to be fresh and abundant	Garfield: Glenwood Canyon rest stops,	16-May-10	17-May-10	MSF
Anthocharis sara thoosa Pinyon Pine habitat	Mesa: Bigwash Canyon, Hwy 65	10-Apr-10		MG2
Colias alexandra	Park: S. of Fairplay, Beaver Creek,	05-Jul-10		MSF
Colias eurytheme sight observation by Paul Opler, Remington and Gilpin Sts.	Larimer: Ft. Collins, CSU Display Garden,	07-Oct-10		PAO
Colias meadii along Quandary Peak Trail, taken along and off trails, 12959' elev.,	Summit: S. of Breckenridge, off Hwy. 9,	10-Jul-10		H/H
Colias meadii Alpine Tundra	Chaffee: Jones Mountain, Cottonwood Pass	24-Jul-10		MG2
Colias scudderii Alpine Tundra	Ouray: FR 853-1b Yankee Boy Basin	17-Jul-10		MG2
Colias scudderii Alpine Tundra	Chaffee: Jones Mountain, Cottonwood Pass	24-Jul-10		MG2
Zerene cesonia	Pueblo: 20 mi. S of Pueblo,	05-Sep-10		DEB
Phoebis sennae male specimen collected by Justin Willis	CHAFFEE: Buena Vista, downtown on flowers in park	08-Aug-10		CEH
Eurema mexicana	Arapahoe: Highlands Ranch, 6500 S. Logan St., residential	31-May-10	20-Jun-10	MSF
Abaeis nicippe found to be common along Highline Canal, females oviposition on Astragalus sp.,	Arapahoe: Highlands Ranch, 6500 S. Logan St., residential	27-May-10	19-Jun-10	MSF
Nathalis iole noted as abundant	Huerfano: 6 mi. east of North La Veta Pass, 8000' elev.,	18-Sep-10		PT1
<b>LYCAENIDAE</b>				
Leptotes marina sight observation by Paul Opler	Montezuma: Mesa Verde National Park, Park Museum	21-Sep-10		PAO
<b>RIODINIDAE</b>				
Apodemia mormo found to be abundant,	Conejos: Manassa,	19-Aug-10	21-Aug-10	MSF
<b>NYMPHALIDAE</b>				
Danaus gilippus	Pueblo: 20 mi. S of Pueblo,	16-Jul-10	13-Sep-10	DEB
Danaus gilippus sight observation, flying down alley behind Mike's workplace	Denver: Newport St. & Smith Rd.,	14-Oct-10		MSF
Danaus plexippus	Alamosa: north ridge of California Peak, 11850' elev.,	17-Sep-10		PT1
Danaus plexippus noted as abundant	Huerfano: 5 mi. east of Mosca Pass, 8500' elev.,	18-Sep-10		PT1
Danaus plexippus noted as abundant	Huerfano: 6 mi. east of North La Veta Pass, 8000' elev.,	18-Sep-10		PT1
Danaus plexippus	Costilla: 10 mi. NE of Fort Garland, 8300' elev.,	18-Sep-10		PT1
Danaus plexippus	Fremont: 6 mi. SE of Salida, 6900' elev.,	19-Sep-10		PT1
Anaea andria	Pueblo: 20 mi. S of Pueblo,	16-Jul-10	16-Oct-10	DEB
Erebia callias Alpine Tundra	Grand: Mt. Nystrom, Jones Pass	10-Jul-08		MG2
Erebia epipsodea Spruce meadow	Gunnison: Hwy 50 and 867 Rd. "Halfway House"	27-Jun-10		MG2
Erebia magdalena Alpine Tundra	Grand: Mt. Nystrom, Jones Pass	10-Jul-08		MG2

Erebia magdalena	Summit: S. of Breckenridge, off Hwy. 9, taken along and off Quandary Peak Trail, 12,959' elev.,	10-Jul-10		H/H
Erebia magdalena	Chaffee: Jones Mountain, Cottonwood Pass Alpine Tundra	24-Jul-10		MG2
Oeneis chryxus	Ouray: FR 853-1b Yankee Boy Basin collected by K.D. Garhart, Alpine Tundra	17-Jul-10		MG2
Oeneis polixenes	Chaffee: Jones Mountain, Cottonwood Pass Alpine Tundra	24-Jul-10		MG2
Oeneis uhleri	Chaffee: Jones Mountain, Cottonwood Pass Alpine Tundra	24-Jul-10		MG2
Agraulis vanillae	Arapahoe: Highlands Ranch, 6500 S. Logan St., residential sight observation,	29-May-10		MSF
Agraulis vanillae	Pueblo: 20 mi. S of Pueblo,	30-Jun-10		DEB
Agraulis vanillae	CHAFFEE: Buena Vista, downtown on flowers in park male specimen collected by Justin Willis	01-Aug-10		CEH
Boloria chariclea	Ouray: FR 853-1b Yankee Boy Basin collected by K.D. Garhart, Alpine Tundra	17-Jul-10		MG2
Adelpha eulalia	Costilla: Culebra Creek, nr. San Luis, sight observation of male,	19-Aug-10		MSF
Vanessa cardui	Huerfano: north ridge of California Peak, 11850' elev.,	17-Sep-10		PT1
Vanessa cardui	Alamosa: north ridge of California Peak, 11850' elev.,	17-Sep-10		PT1
Vanessa cardui	Larimer: Loveland, Benson Sculpture Park sight observation by Paul Opler	03-Oct-10		PAO
Vanessa cardui	Larimer: Ft. Collins, CSU Display Garden, sight observation by Paul Opler, Remington and Gilpin Sts.	07-Oct-10		PAO
Vanessa virginiensis	Larimer: Ft. Collins, CSU Display Garden, sight observation by Paul Opler, Remington and Gilpin Sts.	07-Oct-10		PAO
Nymphalis antiopa	Larimer: Ft. Collins, CSU Display Garden, sight observation by Paul Opler, Remington and Gilpin Sts.	07-Oct-10		PAO
Chlosyne leanira alma	Mesa: Blackridge Breaks Pinyon Pine habitat	09-May-09		MG2
Chlosyne palla	Garfield: Grizzly Creek, Glenwood Canyon collected with K.D. Garhart, on Dogwood	19-Jun-10		MG2
Phyciodes batesii anasazi	GUNNISON: Coal Creek, 0.5 mi. S. of SR133,	30-Jun-10		MSF
<b>Moths</b>				
<b>ALUCITIDAE</b>				
Alucita hexadactyla	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	01-Aug-10	09-Sep-10	BKB
Alucita hexadactyla	CHAFFEE:	27-Aug-10	28-Aug-10	CEH
<b>CRAMBIDAE</b>				
Crambus whitmerellus	LAKE: S. of Tennessee Pass, Hwy. 24 at CR 20, taken at uv trap, dry pine-sage forest, 10203' elev., San Isabel NF,	23-Jul-10	24-Jul-10	CEH
<b>PYRALIDAE</b>				
Alberada parabates	CUSTER: Silver Cliff, downtown along Hwy. #69, taken at gas station, mv lights, 8002' elev., 3 am	30-May-10		CEH
Alberada parabates	HUERFANO: Walsenburg, w. of town Hwy. #160 Colorado State Veteran's Hospital mv. lights, 6454' elev. 10pm.	13-Aug-10		CEH
<b>COSSIDAE</b>				
Givira theodori	CHEYENNE : Wild Horse, Post Office, Hwy. 287 at mv lights sand sage/grass prairie, 4453' elev.	08-Jun-10		CEH
Acosus populi	CHEYENNE : Wild Horse, Post Office, Hwy. 287 at mv lights sand sage/grass prairie, 4453' elev	08-Jun-10		CEH
Acosus undosus	EAGLE: 2.5 mi. N. of Eagle, Eby Creek Road, riparian roadside, uv/mv trap, Populus/juniper/sage, 7070' elev.	19-Jun-10		CEH
<b>TORTRICIDAE</b>				
Pseudosciaphila duplex	PARK: Fairplay along Hwy 285 just N of jct of Hwy 9 at gas station mv lights, 9950' elev.,	17-Jul-10	18-Jul-10	CEH
Pseudosciaphila duplex	LAKE: n. end of downtown Leadville, off Hwy. 24, taken at gas station mv lights, 10190' elev.,	23-Jul-10	24-Jul-10	CEH
Rhyacionia neomexicana	JEFFERSON: SW Littleton; 8834 W. Quarto Avenue residential backyard, at uv trap, 5700' elev.,	16-Apr-10		CEH
Phaneta bucephaloides	CHAFFEE: 2 mi. S. of Poncha Springs, frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8071' elev., San Isabel NF,	06-Aug-10	07-Aug-10	CEH
Phaneta tarandana	CHAFFEE: 2 mi. S. of Poncha Springs, frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8071' elev., San Isabel NF,	06-Aug-10	07-Aug-10	CEH
Eucosma agassizii	Huerfano: Walsenburg, w. of town Hwy. #160 Colorado State Veteran's Hospital mv. lights, 6454' elev. 1 am	30-May-10		CEH

<i>Eucosma agricolana</i>	CUSTER: 8.5 mi. E of Westcliffe, roadside along Hwy. 96, taken at uv trap, 9062' elev., dry pine forest border,	21-Jul-10	22-Jul-10	CEH
<i>Eucosma bobana</i>	Huerfano: Walsenburg, w. of town Hwy. #160 Colorado State Veteran's Hospital mv. lights, 6454' elev. 1 am	30-May-10		CEH
<i>Eucosma crambitana</i>	LAKE: n. end of downtown Leadville, off Hwy. 24, taken at gas station mv lights, 10190' elev.,	23-Jul-10	24-Jul-10	CEH
<i>Eucosma crambitana</i>	CHAFFEE: 2 mi. S. of Poncha Springs, frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8071' elev., San Isabel NF,	06-Aug-10	07-Aug-10	CEH
<i>Eucosma crambitana</i>	FREMONT: 0.5 mi. S.E. of Swissvale, s. of Hwy. 50 off FR 5974 nr mkr 228, taken at uv light trap, 9pm- 12am, pinyon/juniper/oak assoc.	27-Aug-10		CEH
<i>Eucosma dorsisignatana</i>	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	11-Aug-09		BKB
<i>Eucosma fernaldana</i>	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	03-Aug-09	17-Aug-19	BKB
<i>Eucosma fernaldana</i>	CHAFFEE: 2 mi. S. of Poncha Springs, frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8071' elev., San Isabel NF,	06-Aug-10	07-Aug-10	CEH
<i>Eucosma mediostriata</i>	HUERFANO: Walsenburg, w. of town Hwy. #160 Colorado State Veteran's Hospital mv. lights, 6454' elev. 1 am	30-May-10		CEH
<i>Eucosma morrisoni</i>	Chaffee: 2 mi. S. of Poncha Springs, frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8071' elev., San Isabel NF,	06-Aug-10	07-Aug-10	CEH
<i>Eucosma optimana</i>	LAKE: n. end of downtown Leadville, off Hwy. 24, taken at gas station mv lights, 10190' elev.,	23-Jul-10	24-Jul-10	CEH
<i>Eucosma ragonoti</i>	Chaffee: 2 mi. S. of Poncha Springs, frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8071' elev., San Isabel NF,	06-Aug-10	07-Aug-10	CEH
<i>Eucosma ragonoti</i>	SAGUACHE: Crestone, downtown grocery store, Rio Grande NF, taken at store mv/uv lights, 7995' elev.,	06-Aug-10		CEH
<i>Eucosma ridingsana</i>	Chaffee: 2 mi. S. of Poncha Springs, frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8071' elev., San Isabel NF,	06-Aug-10	07-Aug-10	CEH
<i>Pelochrista scintillana</i>	CHEYENNE : Wild Horse, Post Office, Hwy. 287 at mv lights sand sage/grass prairie, 4453' elev	08-Jun-10		CEH
<i>Hystrichophora stygiana</i>	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	02-Sep-09		BKB
<i>Hystrichophora stygiana</i>	PARK: downtown Bailey, Hwy. #285/ uv trap behind P.O., taken at uv trap, 7769' elev.,	31-Jul-10	01-Aug-10	CEH
<i>Argyrotaenia coloradana</i>	CUSTER: 8.5 mi. E of Westcliffe, roadside along Hwy. 96, taken at uv trap, 9062' elev., dry pine forest border,	21-Jul-10	22-Jul-10	CEH
<i>Choristoneura occidentalis</i>	PARK : downtown Bailey, Hwy. #285/ uv trap behind P.O., taken at uv traps, 7769' elev.,	11-Jul-10	12-Jul-10	CEH
<i>Choristoneura occidentalis</i>	TELLER: Florissant, Hwy. #24 w. of Teller CR 1, Pike NF, taken at gas station lights, 8178' elev.,	18-Jul-10		CEH
<i>Choristoneura occidentalis</i>	CUSTER: 8.5 mi. E of Westcliffe, roadside along Hwy. 96, taken at uv trap, 9062' elev., dry pine forest border,	21-Jul-10	22-Jul-10	CEH
<b>GEOMETRIDAE</b>				
<i>Macaria adonis</i>	PARK : downtown Bailey, Hwy. #285/ uv trap behind P.O., taken at uv traps, 7769' elev.,	11-Jul-10	12-Jul-10	CEH
<i>Macaria bitactata</i>	PARK : downtown Bailey, Hwy. #285/ uv trap behind P.O., taken at uv traps, 7769' elev.,	11-Jul-10	12-Jul-10	CEH
<i>Macaria bitactata</i>	FREMONT: 0.5 mi. S.E. of Swissvale, s. of Hwy. 50 off FR 5974 nr mkr 228, taken at uv light trap, 9pm- 12am, pinyon/juniper/oak assoc.	27-Aug-10		CEH
<i>Digrammia colorata</i>	HUERFANO: Walsenburg, w. of town Hwy. #160 Colorado State Veteran's Hospital mv. lights, 6454' elev. 1 am	30-May-10		CEH
<i>Hesperumia fumida</i>	PARK: downtown Bailey, Hwy. #285/ uv trap behind P.O., taken at uv traps, 7769' elev.,	11-Jul-10	12-Jul-10	CEH
<i>Hesperumia sulphuraria</i>	CHAFFEE: Cottonwood Pass Road at lighthtrap in spruce meadow	24-Jul-10		MG2
<i>Hulstina aridata</i>	HUERFANO: Walsenburg, w. of town Hwy. #160 Colorado State Veteran's Hospital mv. lights, 6454' elev. 1 am	30-May-10		CEH
<i>Galenara lixarioides</i>	CUSTER: San Isabel NF, Hwy. 96 at mkr. 17, taken at uv trap, 8330' elev., Hardscrabble Crk.,	21-Jul-10	22-Jul-10	CEH
<i>Drepanulatrix bifilata</i>	FREMONT: Cotopaxi, along Hwy 50, Arkansas River Canyon taken at store mv lights, 6364' elev., 3:30am	30-May-10		CEH
<i>Drepanulatrix bifilata</i>	Park : downtown Bailey, Hwy. #285/ uv trap behind P.O., taken at uv traps, 7769' elev.,	11-Jul-10	12-Jul-10	CEH
<i>Euchlaena mollisaria</i>	PARK : downtown Bailey, Hwy. #285/ uv trap behind P.O., taken at uv traps, 7769' elev.,	11-Jul-10	12-Jul-10	CEH
<i>Euchlaena tigrinaria</i>	GUNNISON: Dark Canyon, Erikson Springs collected with K.D. Garhart, at light trap, riparian habitat @ 6900'	17-Jul-08		MG2
<i>Euchlaena tigrinaria</i>	JEFFERSON: Tinytown S Turkey Crk Rd across from train park taken at mv/uv trap, 6870' elev., 9-11:30pm	25-Jun-10		CEH



Xanthotype urticaria	GUNNISON: Dark Canyon, Erikson Springs	17-Jul-08	MG2
collected with K.D. Garhart, at light trap, riparian habitat @ 6900'			
Nacophora perfidaria	HUERFANO: Walsenburg, w. of town Hwy. #160	30-May-10	CEH
Colorado State Veteran's Hospital mv. lights, 6454' elev. 1 am			
Campaea perlata	PARK: Kenosha Pass, Hwy. 285 at mkr. #203, Pike NF,	17-Jul-10	18-Jul-10 CEH
taken at uv trap, 9995' elev.,			
Eriplatymetra coloradaria	CUSTER: San Isabel NF, Hwy. 96 at mkr. 17,	21-Jul-10	22-Jul-10 CEH
taken at uv trap, 8330' elev., Hardscrabble Crk.,			
Neoterpes edwardsata	CUSTER: Silver Cliff, downtown along Hwy. #69,	30-May-10	CEH
taken at gas station, mv lights, 8002' elev., 3 am			
Caripeta aequaliaria	Huerfano: Walsenburg, w. of town Hwy. #160	30-May-10	CEH
Colorado State Veteran's Hospital mv. lights, 6454' elev. 1 am			
Nemeris speciosa	PARK : downtown Bailey, Hwy. #285/ uv trap behind P.O.,	11-Jul-10	12-Jul-10 CEH
taken at uv traps, 7769' elev.,			
Plataea trilinearia	MONTROSE: Hwy 50, 1 mile W. Cimarron	04-Jul-05	MG2
On rabbitbrush			
Plataea trilinearia	Mesa: Unaweep Canyon, Unaweep Seep	29-May-09	MG2
collected with K.D. Garhart, at light trap, riparian habitat			
Plataea trilinearia	Cheyenne : downtown Kit Carson, E. 1st ave at Church St.,	08-Jun-10	CEH
taken at church lights, 4298' elev.,			
Prochoerodes truxaliata	CUSTER: Silver Cliff, downtown along Hwy. #69,	21-Jul-10	22-Jul-10 CEH
taken at store lights, 7989' elev.,			
Prochoerodes truxaliata	FREMONT: 0.5 mi. S.E. of Swissvale,	27-Aug-10	CEH
s. of Hwy. 50 off FR 5974 nr mkr 228, taken at uv light trap, 9pm- 12am, pinyon/juniper/oak assoc.			
Enypia griseata	PARK : downtown Bailey, Hwy. #285/ uv trap behind P.O.,	11-Jul-10	12-Jul-10 CEH
taken at uv traps, 7769' elev.,			
Enypia griseata	TELLER: Florissant, Hwy. #24 w. of Teller CR 1, Pike NF,	18-Jul-10	CEH
taken at gas station lights, 8178' elev.,			
Chlorosea nevadaria	Park : downtown Bailey, Hwy. #285/ uv trap behind P.O.,	11-Jul-10	12-Jul-10 CEH
taken at uv traps, 7769' elev.,			
Chlorosea roseitacta	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			
Nemoria bistriaria	Teller: Florissant, Hwy. #24 w. of Teller CR 1, Pike NF,	18-Jul-10	CEH
taken at gas station lights, 8178' elev.,			
Nemoria bistriaria	CUSTER: Silver Cliff, downtown along Hwy. #69,	21-Jul-10	22-Jul-10 CEH
taken at store lights, 7989' elev.,			
Nemoria unitaria	CHAFFEE: 2 mi. S. of Poncha Springs,	11-Aug-10	12-Aug-10 CEH
frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,			
Dichorda rectoria	HUERFANO: Walsenburg, w. of town Hwy. #160	30-May-10	CEH
Colorado State Veteran's Hospital mv. lights, 6454' elev. 1 am			
Dysstroma brunneata	PARK : downtown Bailey, Hwy. #285/ uv trap behind P.O.,	11-Jul-10	12-Jul-10 CEH
taken at uv traps, 7769' elev.,			
Perizoma custodiata	HUERFANO: Gardner, downtown along Hwy. #69,	30-May-10	CEH
taken at Post Office, uv and mv lights, 6972' elev., 2 am			
Stamnodes formosata	EAGLE: 2.5 mi. N. of Eagle, Eby Creek Road,	19-Jun-10	CEH
riparian roadside, uv/mv trap, Populus/juniper/sage, 7070' elev.			
Stamnodes formosata	PARK: downtown Bailey, Hwy. #285/ uv trap behind P.O.,	11-Jul-10	12-Jul-10 CEH
taken at uv traps, 7769' elev.,			
Eupithecia anticaria	PARK: Kenosha Pass, Hwy. 285 at mkr. #203, Pike NF,	17-Jul-10	18-Jul-10 CEH
taken at uv trap, 9995' elev.,			
Eupithecia edna	HUERFANO: Walsenburg, w. of town Hwy. #160	30-May-10	CEH
Colorado State Veteran's Hospital mv. lights, 6454' elev. 1 am			
<b>NYMPHALIDAE</b>			
Neominois ridingsii colobiterra	Garfield: CR 215, Parachute Creek	10-Jul-10	MG2
Sagebrush			
<b>THYATRIDAE</b>			
Habrosyne gloriosa	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	06-Jul-10	24-Jul-10 BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,			
Habrosyne scripta	EAGLE: 3 mi. NW of Dotsero, Deep Creek Rd.,	08-Jul-10	CEH
below Onion Ridge, taken at uv & mv light traps, 6985' elev. <12am.			
Habrosyne scripta	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	22-Jul-10	23-Jul-10 BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,			
<b>LASIOCAMPIDAE</b>			
Tolype glenwoodii	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			
Phyllodesma americana	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	03-Jun-10	BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,			
Malacosoma americanum	CUSTER: Silver Cliff, downtown along Hwy. #69,	21-Jul-10	22-Jul-10 CEH
taken at store lights, 7989' elev.,			

Malacosoma americanum	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	31-Jul-10	BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,			
Malacosoma americanum	Huerfano: 0.5 mi. E. of N. La Veta Pass, Hwy. #160,	12-Aug-10	CEH
fir/spruce/pine/aspen forest, 9291' elev., nr. mkr. 279,			
Malacosoma californicum	TELLER: Florissant, Hwy. #24 w. of Teller CR 1, Pike NF,	18-Jul-10	CEH
taken at gas station lights, 8178' elev.,			
Malacosoma californicum	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	26-Jul-10	BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,			
Malacosoma disstria	CUSTER: San Isabel NF, Hwy. 96 at mkr. 17,	21-Jul-10	22-Jul-10 CEH
taken at uv trap, 8330' elev., Hardscrabble Crk.,			
Malacosoma disstria	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	28-Jul-10	BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,			
<b>SATURNIIDAE</b>			
Coloradia doris	Huerfano: Walsenburg, w. of town Hwy. #160	30-May-10	CEH
Colorado State Veteran's Hospital mv. lights, 6454' elev. 1 am			
Coloradia doris	PARK : downtown Bailey, Hwy. #285/ Post Office lights	30-May-10	CEH
taken at uv & mv lights, 8000'elev., 6:30 am			
Coloradia doris	Jefferson: Conifer, along Hwy. 285 at mv street lights	17-Jun-10	CEH
taken at store lights, 8310' elev, 11:30pm			
Coloradia pandora	HUERFANO: Walsenburg, w. of town Hwy. #160	13-Aug-10	CEH
Colorado State Veteran's Hospital mv. lights, 6454' elev. 10pm.			
Hemileuca eglanterina	PUEBLO: 20 mi. S of Pueblo,	24-Sep-10	DEB
Hemileuca neumogeni	Mesa: Bigwash Canyon, Hwy 65	30-Aug-08	MG2
collected with K.D. Garhart, at light trap, Pinyon Pine Woodland			
Hemileuca oliviae	PUEBLO: Colorado City, off Hwy. I-25, mi. mkr. 74,	07-Oct-10	CEH
taken at gast station mv. lights, 5821' elev., 11:45pm, 62°F			
Hemileuca oliviae	Las Animas : Starkville, east off I-25, exit #11	07-Oct-10	CEH
abundant at gas station uv lights, Pinyon/juniper/oak assoc., 6345' elev., 7-9pm., 65°F			
Hemileuca oliviae	Huerfano: 0.5 mi. W. of Pryor, Rouse Rd. nr. RR tracks	07-Oct-10	CEH
roadside w/rabbitbrush and juniper, 6368' elev., 55°F			
Hemileuca oliviae	BACA: Downtown Campo, 7th Street @ Maple St., lights	16-Oct-10	CEH
shortgrass prairie assoc., 4347' elev., 8:30 p.m.			
Automeris io neomexicana	FREMONT: Cotopaxi, along Hwy 50, Arkansas River Canyon	30-May-10	CEH
taken at store mv lights, 6364'elev., 3:30am			
Antheraea polyphemus	Pueblo: Pueblo,	05-Jun-10	CEH
photo documentation by Velma Campbell			
Antheraea polyphemus	Eagle: downtown Eagle,	23-Jun-10	CEH
photo documentation by Kurtis Hammond			
<b>SPHINGIDAE</b>			
Sphinx chersis	Mesa: Ladder Canyon	30-May-09	MG2
collected with K.D. Garhart, at light trap, Pinyon Pine Woodland			
Sphinx chersis	Mesa: Unaweep Canyon, Unaweep Seep	12-Jun-09	MG2
collected with K.D. Garhart, at light trap, riparian habitat			
Sphinx dollii	Ouray: Hwy 550, 2 mi S. Colona	05-Jul-05	MG2
at light on store			
Sphinx dollii	HUERFANO: Walsenburg, w. of town Hwy. #160	30-May-10	CEH
Colorado State Veteran's Hospital mv. lights, 6454' elev. 1 am			
Sphinx gordius	Mesa: Unaweep Canyon, Unaweep Seep	12-Jun-09	MG2
collected with K.D. Garhart, at light trap, riparian habitat			
Smerinthus cerisyi	CUSTER: Silver Cliff, downtown along Hwy. #69,	30-May-10	CEH
taken at gas station, mv lights, 8002' elev., 3 am			
Smerinthus jamaicensis	Mesa: Unaweep Canyon, Unaweep Seep	12-Jun-09	MG2
collected with K.D. Garhart, at light trap, riparian habitat			
Pachysphinx modesta	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	30-Jun-10	BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,			
<b>NOTODONTIDAE</b>			
Pheosia rimosa	PARK : downtown Bailey, Hwy. #285/ uv trap behind P.O.,	11-Jul-10	12-Jul-10 CEH
taken at uv traps, 7769' elev.,			
Gluphisia avimacula	CUSTER: Silver Cliff, downtown along Hwy. #69,	30-May-10	CEH
taken at gas station, mv lights, 8002' elev., 3 am			
Gluphisia avimacula	CHEYENNE : Wild Horse, Post Office, Hwy. 287 at mv lights	08-Jun-10	CEH
sand sage/grass prairie, 4453'elev			
Gluphisia avimacula	Eagle: 2.5 mi. N. of Eagle, Eby Creek Road,	19-Jun-10	CEH
riparian roadside, uv/mv trap, Populus/juniper/sage, 7070' elev.			
Furcula cinerea	Eagle: 2.5 mi. N. of Eagle, Eby Creek Road,	19-Jun-10	CEH
riparian roadside, uv/mv trap, Populus/juniper/sage, 7070' elev.			
Furcula scolopendrina	GUNNISON: Dark Canyon, Erikson Springs	07-Jul-09	MG2
collected with K.D. Garhart, at light trap, riparian habitat @ 6900'			

<i>Furcula scolopendrina</i>	Park : downtown Bailey, Hwy. #285/ Post Office lights	30-May-10		CEH
taken at uv & mv lights, 8000'elev., 6:30 am				
<i>Furcula scolopendrina</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.				
<i>Furcula scolopendrina</i>	Jefferson: Tintytown S Turkey Crk Rd across from train park	25-Jun-10		CEH
taken at mv/uv trap, 6870' elev., 9-11:30pm				
<i>Heterocampa lunata</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.				
<i>Schizura unicornis</i>	EAGLE: 3 mi. NW of Dotsero, Deep Creek Rd.,	08-Jul-10		CEH
below Onion Ridge, taken at uv & mv light traps, 6985' elev. <12am.				
<i>Oligocentria pallida</i>	CUSTER: Silver Cliff, downtown along Hwy. #69,	27-Aug-10		CEH
taken at store lights, 7989' elev., 9-11pm				
<i>Oligocentria perangulata</i>	EAGLE: 3 mi. NW of Dotsero, Deep Creek Rd.,	08-Jul-10		CEH
below Onion Ridge, taken at uv & mv light traps, 6985' elev. <12am.				
<b>ARCTIIDAE</b>				
<i>Cisthene barnesii</i>	CHAFFEE: 2 mi. S. of Poncha Springs,	11-Aug-10	12-Aug-10	CEH
frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,				
<i>Hypoprepia miniata</i>	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	20-Jul-10		BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,				
<i>Grammia figurata</i>	Mesa: Bigwash Canyon, Hwy 65	28-Jul-08		MG2
collected with K.D. Garhart, at light trap, Pinyon Pine Woodland				
<i>Grammia incorrupta</i>	HUERFANO: Walsenburg, w. of town Hwy. #160	30-May-10	13-Aug-10	CEH
Colorado State Veteran's Hospital mv. lights, 6454' elev., 1 a.m., 60°F				
<i>Grammia incorrupta</i>	SAGUACHE: Crestone, downtown grocery store,	06-Aug-10		CEH
Rio Grande NF, taken at store mv/uv lights, 7995' elev.,				
<i>Grammia nevadensis</i>	Saguache: Crestone, downtown grocery store,	06-Aug-10		CEH
Rio Grande NF, taken at store mv/uv lights, 7995' elev.,				
<i>Grammia nevadensis</i>	Fremont: Cotopaxi, along Hwy 50, Arkansas River Canyon	11-Aug-10		CEH
taken at store mv lights, 6364'elev., 11:30pm				
<i>Grammia nevadensis</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>Grammia virguncula</i>	Chaffee: 2 mi. S. of Poncha Springs,	06-Aug-10	07-Aug-10	CEH
frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8071' elev., San Isabel NF,				
<i>Grammia williamsii</i>	Park: Fairplay along Hwy 285 just N of jct of Hwy 9	11-Jul-10	12-Jul-10	CEH
at gas station mv lights, 9950'				
<i>Grammia williamsii</i>	CUSTER: Silver Cliff, downtown along Hwy. #69,	21-Jul-10	22-Jul-10	CEH
taken at store lights, 7989' elev.,				
<i>Grammia williamsii</i>	Eagle: 0.5 mi. E of Red Cliff, Turkey Creek Rd.,	23-Jul-10	24-Jul-10	CEH
taken at uv trap, 8230' elev., pinyon-sage,				
<i>Grammia williamsii</i>	Eagle: 1 mi. N of Minturn, off Hwy. 24 at mkr. 144,	23-Jul-10	24-Jul-10	CEH
taken at uv trap, 7985' elev., open meadow Grouse Crk. Trailhead,				
<i>Grammia williamsii</i>	Chaffee: 2 mi. S. of Poncha Springs,	11-Aug-10	12-Aug-10	CEH
frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,				
<i>Arctia caja</i>	Gunnison: Dark Canyon, Erikson Springs	27-Jul-10		MG2
at light trap, riparian habitat @ 6900'				
<i>Arctia caja</i>	MONTROSE: Black Canyon of the Gunnison NP,	17-Aug-10		CEH
photo documentation by Maureen Briggs, South Rim Visitor Center				
<i>Estigmene acrea</i>	Huerfano: Walsenburg, w. of town Hwy. #160	30-May-10	13-Aug-10	CEH
Colorado State Veteran's Hospital mv. lights, 6454' elev. 1 am				
<i>Estigmene acrea</i>	CUSTER: Silver Cliff, downtown along Hwy. #69,	21-Jul-10	22-Jul-10	CEH
taken at store lights, 7989' elev.,				
<i>Hyphantria cunea</i>	Huerfano: Walsenburg, w. of town Hwy. #160	30-May-10		CEH
Colorado State Veteran's Hospital mv. lights, 6454' elev. 1 am				
<i>Hypercompe permaculata</i>	SAGUACHE: Crestone, downtown grocery store,	06-Aug-10		CEH
Rio Grande NF, taken at store mv/uv lights, 7995' elev.,				
<i>Hypercompe permaculata</i>	CUSTER: Silver Cliff, downtown along Hwy. #69,	27-Aug-10		CEH
taken at store lights, 7989' elev., 9-11pm				
<i>Archnis picta</i>	Saguache: Crestone, downtown grocery store,	06-Aug-10		CEH
Rio Grande NF, taken at store mv/uv lights, 7995' elev.,				
<i>Ectypia clio</i>	Delta: nr. Hotchkiss,	10-Aug-10	11-Aug-10	DEB
<i>Ectypia clio</i>	Huerfano: Walsenburg, w. of town Hwy. #160	13-Aug-10		CEH
Colorado State Veteran's Hospital mv. lights, 6454' elev. 10pm.				
<i>Pygarctia spraguei</i>	CHEYENNE : Wild Horse, Post Office, Hwy. 287 at mv lights	08-Jun-10		CEH
sand sage/grass prairie, 4453'elev				
<i>Pygarctia spraguei</i>	Cheyenne : downtown Kit Carson, E. 1st ave at Church St.,	08-Jun-10		CEH
taken at church lights, 4298' elev.,				
<i>Lophocampa maculata</i>	Jefferson: Conifer, along Hwy. 285 at mv street lights	17-Jun-10		CEH
taken at store lights, 8310' elev, 11:30pm				

Lophocampa roseata	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	06-Jul-10		BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,				
Aemilia ambigua	Teller: Florissant, Hwy. #24 w. of Teller CR 1, Pike NF,	18-Jul-10		CEH
taken at gas station lights, 8178' elev.,				
Aemilia ambigua	CUSTER: Silver Cliff, downtown along Hwy. #69,	21-Jul-10	27-Aug-10	CEH
taken at store lights, 7989' elev.,				
Hemihyalea labecula	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				
Gnophaela vermiculata	MINERAL: Wolf Creek Pass, Hwy. #160,	02-Sep-10		CEH
photo documentation by Wayne Washam				
Platartia parthenos	EAGLE: 2.5 mi. N. of Eagle, Eby Creek Road,	19-Jun-10		CEH
riparian roadside, uv/mv trap, Populus/juniper/sage, 7070' elev.				
Platartia parthenos	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	28-Jun-10		BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,				
<b>NOCTUIDAE</b>				
Idia americalis	CHAFFEE: 2 mi. S. of Poncha Springs,	06-Aug-10	12-Aug-10	CEH
frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8071' elev., San Isabel NF,				
Idia lubricalis	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				
Ascalapha odorata	SUMMIT: Silverthorne, N. off Hwy. I-70, 8,900 elev.,	25-Jun-10		MAQ
photo documentation by Joanie Maystick				
Ascalapha odorata	Chaffee: Nathrop, 2 mi. S of the Post Office, Hwy. #287,	26-Jun-10		CEH
photo documentation by Kim Sloan				
Ascalapha odorata	Jefferson: Chatfield Lake State Park, Visitor Center	03-Sep-10		CEH
photo documentation by Sarah Zink				
Gonodonta pyrgo	CHAFFEE: E of Buena Vista, 1 mi. E of Hwy. #287,	07-Jul-10		CEH
collected by Donald R. Tangren, using mv lights, 4375' elev., a stray and a State Record				
Lygephila victoria	Eagle: Eagle, 2.5 mi. N of Hwy. I-70 on Eby Creek Rd.,	06-Jul-10		CEH
collected by Donald R. Tangren, using mv lights, 7000' elev.,				
Lygephila victoria	CHAFFEE: 2 mi. S. of Poncha Springs, Hwy. 285 at mkr. 124,	11-Aug-10	12-Aug-10	CEH
oak/juniper/sage/Ericameria, taken at uv trap, 8028' elev., San Isabel NF,				
Lygephila victoria	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				
Melipotis jucunda	Eagle: Eagle, 2.5 mi. N of Hwy. I-70 on Eby Creek Rd.,	06-Jul-10		CEH
collected by Donald R. Tangren, using mv lights, 7000' elev.,				
Bulia deducta	CUSTER: Silver Cliff, downtown along Hwy. #69,	30-May-10	22-Jul-10	CEH
taken at store lights, 7989' elev.,				
Bulia deducta	Huerfano: Walsenburg, w. of town Hwy. #160	30-May-10		CEH
Colorado State Veteran's Hospital mv. lights, 6454' elev. 1 am				
Bulia deducta	Otero: S of La Junta, Vogel Canyon,	08-Jul-10		CEH
collected by Donald R. Tangren, using mv lights, 4,375' elev.,				
Drasteria divergens	Fremont: Cotopaxi, along Hwy 50, Arkansas River Canyon	30-May-10		CEH
taken at store mv lights, 6364' elev., 3:30am				
Drasteria inepta	Eagle: 2.5 mi. N. of Eagle, Eby Creek Road,	19-Jun-10		CEH
riparian roadside, uv/mv trap, Populus/juniper/sage, 7070' elev.				
Drasteria pallescens	Huerfano: Walsenburg, w. of town Hwy. #160	30-May-10		CEH
Colorado State Veteran's Hospital mv. lights, 6454' elev. 1 am				
Drasteria pallescens	Otero: S of La Junta, Vogel Canyon,	08-Jul-10		CEH
collected by Donald R. Tangren, using mv lights, 4,375' elev.,				
Drasteria perplexa	EAGLE: 2.5 mi. N. of Eagle, Eby Creek Road,	19-Jun-10		CEH
riparian roadside, uv/mv trap, Populus/juniper/sage, 7070' elev.				
Drasteria perplexa	Eagle: Eagle, 2.5 mi. N of Hwy. I-70 on Eby Creek Rd.,	06-Jul-10		CEH
collected by Donald R. Tangren, using mv lights, 7000' elev.,				
Drasteria sabulosa	Fremont: Cotopaxi, along Hwy 50, Arkansas River Canyon	30-May-10		CEH
taken at store mv lights, 6364' elev., 3:30am				
Drasteria sabulosa	SAGUACHE: Sagauche, Hwy. 285 at SR 114, downtown,	06-Aug-10		CEH
taken at gas station mv lights, 7723' elev.,				
Tathorhynchus exsuccatus	CUSTER: Silver Cliff, downtown along Hwy. #69,	21-Jul-10	22-Jul-10	CEH
taken at store lights, 7989' elev.,				
Tathorhynchus exsuccatus	FREMONT: 0.5 mi. S.E. of Swissvale,	27-Aug-10		CEH
s. of Hwy. 50 off FR 5974 nr mkr 228, taken at uv light trap, 9pm- 12am, pinyon/juniper/oak assoc.				
Tathorhynchus exsuccatus	CHAFFEE: 2 mi. S. of Poncha Springs,	27-Aug-10	28-Aug-10	CEH
frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,				
Tathorhynchus exsuccatus	CHEYENNE: Wild Horse, post office, off Hwy 40/287	16-Oct-10		CEH
shortgrass prairie/sand sage, at lights, 4352' elev., 11:30 p.m.				
Zale colorado	Huerfano: Walsenburg, w. of town Hwy. #160	30-May-10		CEH
Colorado State Veteran's Hospital mv. lights, 6454' elev. 1 am				
Zale colorado	Fremont: Cotopaxi, along Hwy 50, Arkansas River Canyon	30-May-10		CEH
taken at store mv lights, 6364' elev., 3:30am				

Catocala amatrix	JEFFERSON: SW Littleton; 8834 W. Quarto Avenue	28-Aug-10		CEH
residential backyard, at uv trap, 5700' elev.,				
Catocala grotiana	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	28-Jun-10		BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,				
Catocala grotiana	Chaffee: 2 mi. S. of Poncha Springs,	11-Aug-10	12-Aug-10	CEH
frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,				
Catocala junctura	Larimer: N.E. Ft. Collins, 2002 Country Club Rd.,	05-Aug-10		CEH
photo documentation by Dixie Smith				
Catocala junctura	CHAFFEE: 2 mi. S. of Poncha Springs,	11-Aug-10	12-Aug-10	CEH
frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,				
Catocala relictata	CHAFFEE: 2 mi. S. of Poncha Springs,	27-Aug-10	28-Aug-10	CEH
frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,				
Catocala relictata	MESA: Powderhorn Ski Resort	28-Aug-10		MG2
at lighted sign in Aspen Woodland				
Catocala semirelictata	CUSTER: Silver Cliff, downtown along Hwy. #69,	27-Aug-10		CEH
taken at store lights, 7989' elev., 9-11pm				
Catocala verrilliana	FREMONT: Cotopaxi, along Hwy 50, Arkansas River Canyon	27-Aug-10		CEH
taken at store mv lights, 6364' elev., 11:30pm				
Catocala violenta	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				
Catocala violenta	Fremont: 0.5 mi. S.E. of Swissvale,	27-Aug-10		CEH
s. of Hwy. 50 off FR 5974 nr mkr 228, taken at uv light trap, 9pm- 12am, pinyon/juniper/oak assoc., San Isabel NF,				
Megalographa biloba	CLEAR CREEK : Georgetown, 1 mi w. off I-70 at marker #228,	29-May-10		CEH
riparian area w. of Clear Cr., 8524' elev., at lights, 9am				
Megalographa biloba	PARK : downtown Bailey, Hwy. #285/ Post Office lights	30-May-10		CEH
taken at uv & mv lights, 8000' elev., 6:30 am				
Megalographa biloba	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	01-Jul-10		BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,				
Megalographa biloba	BOULDER: 2 mi. N of Hwy. #66 on Hwy. #47,	05-Jul-10		CEH
collected by Donald R. Tangren, near Rabbit Mtn., 5400' elev.				
Autographa mappa	JEFFERSON: Tintytown S Turkey Crk Rd across from train park	25-Jun-10		CEH
taken at mv/uv trap, 6870' elev., 9-11:30pm				
Autographa mappa	Jefferson: S. of Evergreen 1 mi W on South Brook Forest Rd	03-Jul-10		CEH
collected by Donald R. Tangren				
Anagrapha falcifera	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	22-Jun-10	06-Aug-10	BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,				
Anagrapha falcifera	JEFFERSON: SW Littleton; 8834 W. Quarto Avenue	15-Sep-10	16-Sep-10	CEH
residential backyard, at uv trap, 5700' elev.,				
Syngrapha angulidens	JEFFERSON: S. of Evergreen 1 mi W on South Brook Forest Rd	03-Jul-10		CEH
collected by Donald R. Tangren				
Syngrapha angulidens	CUSTER: San Isabel NF, Hwy. 96 at mkr. 17,	21-Jul-10	22-Jul-10	CEH
taken at uv trap, 8330' elev., Hardscrabble Crk.,				
Syngrapha viridisigma	Park: downtown Bailey, Hwy. #285/ uv trap behind P.O.,	31-Jul-10	01-Aug-10	CEH
taken at uv trap, 7769' elev.,				
Syngrapha viridisigma	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				
Syngrapha viridisigma	HUERFANO: 0.5 mi. E. of N. La Veta Pass, Hwy. #160,	12-Aug-10		CEH
fir/spruce/pine/aspen forest, 9291' elev., nr. mkr. 279,				
Plusia putnami	CUSTER: Silver Cliff, downtown along Hwy. #69,	21-Jul-10	22-Jul-10	CEH
taken at store lights, 7989' elev.,				
Tarachidia libedis	HUERFANO: Walsenburg, w. of town Hwy. #160	30-May-10		CEH
Colorado State Veteran's Hospital mv. lights, 6454' elev. 1 am				
Therapsea augustipennis	Boulder: 2 mi. N of Hwy. #66 on Hwy. #47,	05-Jul-10		CEH
collected by Donald R. Tangren, near Rabbit Mtn., 5400' elev.				
Therapsea augustipennis	Chaffee: E of Buena Vista, 1 mi. E of Hwy. #287,	07-Jul-10		CEH
collected by Donald R. Tangren, using mv lights,				
Therapsea augustipennis	Otero: S of La Junta, Vogel Canyon,	08-Jul-10		CEH
collected by Donald R. Tangren, using mv lights, 4,375' elev.,				
Therapsea augustipennis	CUSTER: Silver Cliff, downtown along Hwy. #69,	21-Jul-10	22-Jul-10	CEH
taken at store lights, 7989' elev.,				
Raphia frater	Jefferson: S. of Evergreen 1 mi W on South Brook Forest Rd	03-Jul-10		CEH
collected by Donald R. Tangren				
Acronicta cyanescens	PARK: Fairplay along Hwy 285 just N of jct of Hwy 9	11-Jul-10	12-Jul-10	CEH
at gas station mv lights, 9950'				
Acronicta radcliffei	Eagle: 2.5 mi. N. of Eagle, Eby Creek Road,	19-Jun-10		CEH
riparian roadside, uv/mv trap, Populus/juniper/sage, 7070' elev.				
Acronicta strigulata	EAGLE: Eagle, 2.5 mi. N of Hwy. I-70 on Eby Creek Rd.,	06-Jul-10		CEH
collected by Donald R. Tangren, using mv lights, 7000' elev.,				

Merolonche lupini taken at gas station, mv lights, 8002' elev., 3 am	CUSTER: Silver Cliff, downtown along Hwy. #69,	30-May-10		CEH
Simyra insularis ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	27-Jul-10		BKB
Euscirrhopterus gloveri taken at store lights, 7989' elev., 9-11pm	CUSTER: Silver Cliff, downtown along Hwy. #69,	27-Aug-10		CEH
Cucullia antipoda Colorado State Veteran's Hospital mv. lights, 6454' elev. 1 am	HUERFANO: Walsenburg, w. of town Hwy. #160	30-May-10		CEH
Cucullia antipoda taken at store lights, 7989' elev.,	CUSTER: Silver Cliff, downtown along Hwy. #69,	21-Jul-10	22-Jul-10	CEH
Cucullia astigma taken at gas station, mv lights, 8002' elev., 3 am	CUSTER: Silver Cliff, downtown along Hwy. #69,	30-May-10		CEH
Cucullia eulepis Colorado State Veteran's Hospital mv. lights, 6454' elev. 1 am	Huerfano: Walsenburg, w. of town Hwy. #160	30-May-10		CEH
Cucullia florea sand sage/grass prairie, 4453' elev	Cheyenne : Wild Horse, Post Office, Hwy. 287 at mv lights	08-Jun-10		CEH
Cucullia intermedia taken at gas station lights, 8178' elev.,	TELLER: Florissant, Hwy. #24 w. of Teller CR 1, Pike NF,	18-Jul-10		CEH
Cucullia laetifica Rio Grande NF, taken at store mv/uv lights, 7995' elev.,	SAGUACHE: Crestone, downtown grocery store,	06-Aug-10		CEH
Cucullia lilacina taken at uv trap, 7769' elev.,	PARK: downtown Bailey, Hwy. #285/ uv trap behind P.O.,	31-Jul-10	01-Aug-10	CEH
Cucullia similaris at gas station mv lights, 9950'	PARK: Fairplay along Hwy 285 just N of jct of Hwy 9	11-Jul-10	12-Jul-10	CEH
Pleromelloida bonuscula frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,	CHAFFEE: 2 mi. S. of Poncha Springs,	27-Aug-10	28-Aug-10	CEH
Homohadena fifia frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,	Chaffee: 2 mi. S. of Poncha Springs,	27-Aug-10	28-Aug-10	CEH
Sympistis albifasciata frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,	CHAFFEE: 2 mi. S. of Poncha Springs,	27-Aug-10	28-Aug-10	CEH
Sympistis arizonensis frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8071' elev., San Isabel NF,	Chaffee: 2 mi. S. of Poncha Springs,	06-Aug-10	28-Aug-10	CEH
Sympistis augustus Colorado State Veteran's Hospital mv. lights, 6454' elev., 1 a.m., 60°F	HUERFANO: Walsenburg, w. of town Hwy. #160	07-Oct-10		CEH
Sympistis augustus taken at gas station mv. lights, 5821' elev., 11:45pm, 62°F	PUEBLO: Colorado City, off Hwy. I-25, mi. mkr. 74,	07-Oct-10		CEH
Sympistis augustus Comanche Nat. Grassld., 4409' elev., 9 p.m.	BACA: Springfield, s. of town, Hwy. #287 at store lights	16-Oct-10		CEH
Sympistis chandleri oak/juniper/sage/Ericameria, taken at uv trap, 8028' elev., San Isabel NF,	CHAFFEE: 2 mi. S. of Poncha Springs, Hwy. 285 at mkr. 124,	06-Aug-10	28-Aug-10	CEH
Sympistis chandleri s. of Hwy. 50 off FR 5974 nr mkr 228, taken at uv light trap, 9pm- 12am, pinyon/juniper/oak assoc.	FREMONT: 0.5 mi. S.E. of Swissvale,	27-Aug-10		CEH
Sympistis dunbari at post office mv lights, 8455' elev., 12am	JEFFERSON: Pine Junction, off Hwy. #285 on Mt. Evans road	18-Jun-10		CEH
Sympistis dunbari frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,	CHAFFEE: 2 mi. S. of Poncha Springs,	27-Aug-10	28-Aug-10	CEH
Sympistis glennyi ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	08-Sep-09		BKB
Sympistis hayesi frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,	Chaffee: 2 mi. S. of Poncha Springs,	27-Aug-10	28-Aug-10	CEH
Sympistis homogena ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	26-Jul-10		BKB
Sympistis homogena frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,	CHAFFEE: 2 mi. S. of Poncha Springs,	11-Aug-10	12-Aug-10	CEH
Sympistis meadiana oak/juniper/sage/Ericameria, taken at uv trap, 8028' elev., San Isabel NF,	CHAFFEE: 2 mi. S. of Poncha Springs, Hwy. 285 at mkr. 124,	06-Aug-10	28-Aug-10	CEH
Sympistis mirificalis frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,	CHAFFEE: 2 mi. S. of Poncha Springs,	27-Aug-10	28-Aug-10	CEH
Sympistis sandaraca Gunnison NF, at treeline, taken on yellow flowers, 11857' elev.,	GUNNISON: 0.5 mi. W of Cottonwood Pass, Hwy. 106,	06-Aug-10		CEH
Sympistis sandaraca frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,	CHAFFEE: 2 mi. S. of Poncha Springs,	11-Aug-10	28-Aug-10	CEH
Sympistis sanina taken at store lights, 7989' elev.,	CUSTER: Silver Cliff, downtown along Hwy. #69,	27-Aug-10		CEH
Sympistis terminalis pinyon/junipers along roadside w/rabbitbrush, 5820' elev.	FREMONT: 5.5 mi. N.E. of Penrose, Hwy. #115, mkr. 20.5	07-Oct-10	08-Oct-10	CEH
Pseudacontia crustaria Colorado State Veteran's Hospital mv. lights, 6454' elev. 1 am	HUERFANO: Walsenburg, w. of town Hwy. #160	30-May-10		CEH

<i>Pseudacontia crustaria</i> sand sage/grass prairie, 4453' elev	CHEYENNE : Wild Horse, Post Office, Hwy. 287 at mv lights	08-Jun-10		CEH
<i>Amphipyra brunneoatra</i> Rio Grande NF, taken at store mv/uv lights, 7995' elev.,	SAGUACHE: Crestone, downtown grocery store,	06-Aug-10		CEH
<i>Plagiomimus dimidiata</i> frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8071' elev., San Isabel NF,	CHAFFEE: 2 mi. S. of Poncha Springs,	06-Aug-10	07-Aug-10	CEH
<i>Grotella dis</i> frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,	CHAFFEE: 2 mi. S. of Poncha Springs,	06-Aug-10	12-Aug-10	CEH
<i>Grotella dis</i> Colorado State Veteran's Hospital mv. lights, 6454' elev. 10pm.	HUERFANO: Walsenburg, w. of town Hwy. #160	13-Aug-10		CEH
<i>Grotella dis</i> taken at store mv lights, 6364' elev., 11:30pm	FREMONT: Cotopaxi, along Hwy 50, Arkansas River Canyon	27-Aug-10		CEH
<i>Helicoverpa zea</i> pinyon/junipers along roadside w/rabbitbrush, 5820' elev.	Fremont: 5.5 mi. N.E. of Penrose, Hwy. #115, mkr. 20.5	07-Oct-10	08-Oct-10	CEH
<i>Helicoverpa zea</i> roadside w/rabbitbrush and juniper, 6368' elev., 55°F	Huerfano: 0.5 mi. W. of Pryor, Rouse Rd. nr. RR tracks	07-Oct-10		CEH
<i>Heliocheilus paradoxus</i> collected by Donald R. Tangren, using mv lights, 4,375' elev.,	Otero: S of La Junta, Vogel Canyon,	08-Jul-10		CEH
<i>Heliocheilus paradoxus</i> taken at store mv lights, 6364' elev., 11:30pm	Fremont: Cotopaxi, along Hwy 50, Arkansas River Canyon	27-Aug-10		CEH
<i>Schinia acutilinea</i> collected with K.D. Garhart, at light trap, Pinyon Pine Woodland	Mesa: Ladder Canyon	30-Aug-09		MG2
<i>Schinia acutilinea</i> taken at store lights, 7989' elev.,	CUSTER: Silver Cliff, downtown along Hwy. #69,	27-Aug-10		CEH
<i>Schinia ciliata</i> Colorado State Veteran's Hospital mv. lights, 6454' elev. 10pm.	Huerfano: Walsenburg, w. of town Hwy. #160	13-Aug-10		CEH
<i>Schinia cumatilis</i> collected by Donald R. Tangren, using mv lights,	CHAFFEE: E of Buena Vista, 1 mi. E of Hwy. #287,	07-Jul-10		CEH
<i>Schinia cumatilis</i> taken at gas station lights, 8178' elev.,	TELLER: Florissant, Hwy. #24 w. of Teller CR 1, Pike NF,	18-Jul-10		CEH
<i>Schinia cumatilis</i> taken at store lights, 7989' elev.,	CUSTER: Silver Cliff, downtown along Hwy. #69,	21-Jul-10	22-Jul-10	CEH
<i>Schinia cupes</i> Colorado State Veteran's Hospital mv. lights, 6454' elev. 1 am	Huerfano: Walsenburg, w. of town Hwy. #160	30-May-10		CEH
<i>Schinia errans</i> taken at store mv lights, 6364' elev., 11:30pm	Fremont: Cotopaxi, along Hwy 50, Arkansas River Canyon	11-Aug-10		CEH
<i>Schinia hultsia</i> taken at store mv lights, 6364' elev., 11:30pm	Fremont: Cotopaxi, along Hwy 50, Arkansas River Canyon	11-Aug-10		CEH
<i>Schinia illustra</i> taken at store lights, 7989' elev.,	CUSTER: Silver Cliff, downtown along Hwy. #69,	21-Jul-10	22-Jul-10	CEH
<i>Schinia jaguarina</i> collected by Donald R. Tangren, near Rabbit Mtn., 5400' elev.	Boulder: 2 mi. N of Hwy. #66 on Hwy. #47,	05-Jul-10		CEH
<i>Schinia jaguarina</i> collected by Donald R. Tangren, using mv lights, 4,375' elev.,	Otero: S of La Junta, Vogel Canyon,	08-Jul-10		CEH
<i>Schinia meadi</i> Colorado State Veteran's Hospital mv. lights, 6454' elev. 1 am	Huerfano: Walsenburg, w. of town Hwy. #160	30-May-10		CEH
<i>Schinia meadi</i> taken at church lights, 4298' elev.,	Cheyenne : downtown Kit Carson, E. 1st ave at Church St.,	08-Jun-10		CEH
<i>Schinia oleagina</i> taken at store mv lights, 6364' elev., 11:30pm	FREMONT: Cotopaxi, along Hwy 50, Arkansas River Canyon	27-Aug-10		CEH
<i>Schinia persimilis</i> flying in grassy meadow	Ouray: FR 853-1b, Sneffels	04-Jul-10		MG2
<i>Schinia persimilis</i> taken along Quandary Peak Trail, 12,959' elev.,	Summit: S. of Breckenridge, off Hwy. 9,	10-Jul-10		H/H
<i>Schinia roseitincta</i> sand sage/grass prairie, 4453' elev	CHEYENNE : Wild Horse, Post Office, Hwy. 287 at mv lights	08-Jun-10		CEH
<i>Schinia tertia</i> taken at store mv lights, 6364' elev., 11:30pm	Fremont: Cotopaxi, along Hwy 50, Arkansas River Canyon	11-Aug-10		CEH
<i>Schinia unimacula</i> Rio Grande NF, taken at store mv/uv lights, 7995' elev.,	Saguache: Crestone, downtown grocery store,	06-Aug-10		CEH
<i>Schinia unimacula</i> frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8071' elev., San Isabel NF,	Chaffee: 2 mi. S. of Poncha Springs,	06-Aug-10	12-Aug-10	CEH
<i>Schinia unimacula</i> taken at store lights, 7989' elev.,	CUSTER: Silver Cliff, downtown along Hwy. #69,	27-Aug-10		CEH
<i>Schinia villosa</i> taken along Quandary Peak Trail, 11,209' elev.,	SUMMIT: S. of Breckenridge, off Hwy. 9,	10-Jul-10		H/H
<i>Schinia volupia</i> sand sage/grass prairie, 4453' elev	CHEYENNE : Wild Horse, Post Office, Hwy. 287 at mv lights	08-Jun-10		CEH

<i>Schinia walsinghami</i>	SAGUACHE: Crestone, downtown grocery store, Rio Grande NF, taken at store mv/uv lights, 7995' elev.,	06-Aug-10		CEH
<i>Condica discistriga</i>	Huerfano: Gardner, downtown along Hwy. #69, taken at Post Office, uv and mv lights, 6972' elev., 2 am	30-May-10		CEH
<i>Condica discistriga</i>	CUSTER: Silver Cliff, downtown along Hwy. #69, taken at gas station, mv lights, 8002' elev., 3 am	30-May-10		CEH
<i>Condica discistriga</i>	Eagle: Eagle, 2.5 mi. N of Hwy. I-70 on Eby Creek Rd., collected by Donald R. Tangren, using mv lights, 7000' elev.,	06-Jul-10		CEH
<i>Cryphia olivacea</i>	CHAFFEE: 2 mi. S. of Poncha Springs, Hwy. 285 at mkr. 124, oak/juniper/sage/Ericameria, taken at uv trap, 8028' elev., San Isabel NF,	06-Aug-10	07-Aug-10	CEH
<i>Spodoptera exigua</i>	CHAFFEE: 2 mi. S. of Poncha Springs, frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,	27-Aug-10	28-Aug-10	CEH
<i>Spodoptera ornithogalli</i>	BOULDER: 2 mi. N of Hwy. #66 on Hwy. #47, collected by Donald R. Tangren, near Rabbit Mtn., 5400' elev.	05-Jul-10		CEH
<i>Spodoptera ornithogalli</i>	FREMONT: 5.5 mi. N.E. of Penrose, Hwy. #115, mkr. 20.5 pinyon/junipers along roadside w/rabbitbrush, 5820' elev.	07-Oct-10	08-Oct-10	CEH
<i>Caradrina camina</i>	CHAFFEE: 2 mi. S. of Poncha Springs, frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,	27-Aug-10	28-Aug-10	CEH
<i>Caradrina meralis</i>	CHAFFEE: 2 mi. S. of Poncha Springs, Hwy. 285 at mkr. 124, oak/juniper/sage/Ericameria, taken at uv trap, 8028' elev., San Isabel NF,	06-Aug-10	07-Aug-10	CEH
<i>Caradrina meralis</i>	FREMONT: 4 mi. S. of Coaldale, CR #6, San Isabel NF, pinyon-oak forest along Hayden Crk., 7487' elev., uv trap	11-Aug-10		CEH
<i>Cosmia calami</i>	CHAFFEE: 2 mi. S. of Poncha Springs, Hwy. 285 at mkr. 124, oak/juniper/sage/Ericameria, taken at uv trap, 8028' elev., San Isabel NF,	06-Aug-10	07-Aug-10	CEH
<i>Cosmia calami</i>	FREMONT: 4 mi. S. of Coaldale, CR #6, San Isabel NF, pinyon-oak forest along Hayden Crk., 7487' elev., uv trap	11-Aug-10		CEH
<i>Cosmia praeacuta</i>	Park: downtown Bailey, Hwy. #285/ uv trap behind P.O., taken at uv trap, 7769' elev.,	31-Jul-10	01-Aug-10	CEH
<i>Cosmia praeacuta</i>	Chaffee: 2 mi. S. of Poncha Springs, Hwy. 285 at mkr. 124, oak/juniper/sage/Ericameria, taken at uv trap, 8028' elev., San Isabel NF,	06-Aug-10	07-Aug-10	CEH
<i>Engargia infumata</i>	Park: Kenosha Pass, Hwy. 285 at mkr. #203, Pike NF, taken at uv trap, 9995' elev.,	31-Jul-10	01-Aug-10	CEH
<i>Hyppa brunneicrista</i>	Park: Kenosha Pass, Hwy. 285 at mkr. #203, Pike NF, taken at uv trap, 9995' elev.,	17-Jul-10	18-Jul-10	CEH
<i>Hyppa xylinooides</i>	JEFFERSON: S. of Evergreen 1 mi W on South Brook Forest Rd collected by Donald R. Tangren,	03-Jul-10		CEH
<i>Aseptis characta</i>	EAGLE: 3 mi. NW of Dotsero, Deep Creek Rd., below Onion Ridge, taken at uv & mv light traps, 6985' elev. <12am.	08-Jul-10		CEH
<i>Aseptis characta</i>	PARK: Fairplay along Hwy 285 just N of jct of Hwy 9 at gas station mv lights, 9950'	17-Jul-10	18-Jul-10	CEH
<i>Aseptis characta</i>	LAKE: n. end of downtown Leadville, off Hwy. 24, taken at gas station mv lights, 10190' elev.,	23-Jul-10	24-Jul-10	CEH
<i>Aseptis genatrix</i>	EAGLE: 3 mi. NW of Dotsero, Deep Creek Rd., below Onion Ridge, taken at uv & mv light traps, 6985' elev. <12am.	08-Jul-10		CEH
<i>Aseptis genatrix</i>	PARK : downtown Bailey, Hwy. #285/ uv trap behind P.O., taken at uv traps, 7769' elev.,	17-Jul-10	18-Jul-10	CEH
<i>Aseptis genatrix</i>	Park: Kenosha Pass, Hwy. 285 at mkr. #203, Pike NF, taken at uv trap, 9995' elev.,	17-Jul-10	18-Jul-10	CEH
<i>Aseptis genatrix</i>	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	18-Aug-10		BKB
<i>Euplexia benesimilis</i>	JEFFERSON: S. of Evergreen 1 mi W on South Brook Forest Rd collected by Donald R. Tangren	03-Jul-10		CEH
<i>Chytonix palliatricula</i>	JEFFERSON: Tinytown S Turkey Crk Rd across from train park taken at mv/uv trap, 6870' elev., 9-11:30pm	25-Jun-10		CEH
<i>Pseudanarta crocea</i>	CUSTER: Silver Cliff, downtown along Hwy. #69, taken at store lights, 7989' elev., 9-11pm	27-Aug-10		CEH
<i>Pseudanarta exasperata</i>	CHAFFEE: 2 mi. S. of Poncha Springs, frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,	06-Aug-10	07-Aug-10	CEH
<i>Pseudanarta flava</i>	FREMONT: 0.5 mi. S.E. of Swissvale, s. of Hwy. 50 off FR 5974 nr mkr 228, taken at uv light trap, 9pm- 12am, pinyon/juniper/oak assoc.	27-Aug-10		CEH
<i>Pseudanarta flavidens</i>	HUERFANO: 0.5 mi. E. of N. La Veta Pass, Hwy. #160, fir/spruce/pine/aspen forest, 9291' elev., nr. mkr. 279,	12-Aug-10		CEH
<i>Pseudanarta flavidens</i>	FREMONT: Cotopaxi, along Hwy 50, Arkansas River Canyon taken at store mv lights, 6364' elev., 11:30pm	27-Aug-10		CEH
<i>Pseudanarta singula</i>	CHAFFEE: 2 mi. S. of Poncha Springs, frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,	27-Aug-10	28-Aug-10	CEH
<i>Pseudanthoecia tumida</i>	CUSTER: Silver Cliff, downtown along Hwy. #69, taken at store lights, 7989' elev.,	21-Jul-10	22-Jul-10	CEH



Pseudanthoecia tumida	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	18-Aug-10		BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,				
Apamea alia	JEFFERSON: Tinytown S Turkey Crk Rd across from train park	25-Jun-10		CEH
taken at mv/uv trap, 6870' elev., 9-11:30pm				
Apamea alia	BOULDER: 2 mi. N of Hwy. #66 on Hwy. #47,	05-Jul-10		CEH
collected by Donald R. Tangren, near Rabbit Mtn., 5400' elev.				
Apamea alia	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	11-Jul-10	18-Jul-10	BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,				
Apamea alia	PARK: Fairplay along Hwy 285 just N of jct of Hwy 9	17-Jul-10	18-Jul-10	CEH
at gas station mv lights, 9950'				
Apamea alia	Eagle: 0.5 mi. E of Red Cliff, Turkey Creek Rd.,	23-Jul-10	24-Jul-10	CEH
taken at uv trap, 8230' elev., pinyon-sage,				
Apamea alia	LAKE: n. end of downtown Leadville, off Hwy. 24,	23-Jul-10	24-Jul-10	CEH
taken at gas station mv lights, 10190' elev.,				
Apamea amputatrix	Boulder: 2 mi. N of Hwy. #66 on Hwy. #47,	05-Jul-10		CEH
collected by Donald R. Tangren, near Rabbit Mtn., 5400' elev.				
Apamea amputatrix	Park: downtown Bailey, Hwy. #285/ uv trap behind P.O.,	31-Jul-10	01-Aug-10	CEH
taken at uv trap, 7769' elev.,				
Apamea amputatrix	SAGUACHE: Crestone, downtown grocery store,	06-Aug-10		CEH
Rio Grande NF, taken at store mv/uv lights, 7995' elev.,				
Apamea atosuffusa	CHAFFEE: E of Buena Vista, 1 mi. E of Hwy. #287,	07-Jul-10		CEH
collected by Donald R. Tangren, using mv lights,				
Apamea atosuffusa	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	11-Jul-10		BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,				
Apamea atosuffusa	Park : downtown Bailey, Hwy. #285/ uv trap behind P.O.,	17-Jul-10	31-Jul-10	CEH
taken at uv traps, 7769' elev.,				
Apamea atosuffusa	TELLER: Florissant, Hwy. #24 w. of Teller CR 1, Pike NF,	18-Jul-10		CEH
taken at gas station lights, 8178' elev.,				
Apamea burgessi	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.				
Apamea cincta	JEFFERSON: S. of Evergreen 1 mi W on South Brook Forest Rd	03-Jul-10		CEH
collected by Donald R. Tangren,				
Apamea cincta	CHAFFEE: E of Buena Vista, 1 mi. E of Hwy. #287,	07-Jul-10		CEH
collected by Donald R. Tangren, using mv lights,				
Apamea cincta	PARK: Fairplay along Hwy 285 just N of jct of Hwy 9	11-Jul-10	18-Jul-10	CEH
at gas station mv lights, 9950'				
Apamea cogitata	Chaffee: 2 mi. S. of Poncha Springs,	11-Aug-10	28-Aug-10	CEH
frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,				
Apamea devastator	Eagle: 2.5 mi. N. of Eagle, Eby Creek Road,	19-Jun-10		CEH
riparian roadside, uv/mv trap, Populus/juniper/sage, 7070' elev.				
Apamea devastator	Teller: Florissant, Hwy. #24 w. of Teller CR 1, Pike NF,	18-Jul-10		CEH
taken at gas station lights, 8178' elev.,				
Apamea devastator	CUSTER: Silver Cliff, downtown along Hwy. #69,	21-Jul-10	22-Jul-10	CEH
taken at store lights, 7989' elev.,				
Apamea devastator	LAKE: S of Leadville, Hwy. 24 nr. CR 300 mkr. #180,	24-Jul-10		CEH
taken at gas station mv lights, 9596' elev.,				
Apamea devastator	SAGUACHE: Crestone, downtown grocery store,	06-Aug-10		CEH
Rio Grande NF, taken at store mv/uv lights, 7995' elev.,				
Apamea devastator	Chaffee: 2 mi. S. of Poncha Springs,	11-Aug-10	12-Aug-10	CEH
frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,				
Apamea devastator	HUERFANO: Walsenburg, w. of town Hwy. #160	13-Aug-10		CEH
Colorado State Veteran's Hospital mv. lights, 6454' elev. 10pm.				
Apamea inficita indela	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	30-Jun-10		BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,				
Apamea inficita indela	LAKE: S. of Tennessee Pass, Hwy. 24 at CR 20,	23-Jul-10	24-Jul-10	CEH
taken at uv trap, dry pine-sage forest, 10203' elev., San Isabel NF,				
Apamea inficita indela	Eagle: 1 mi. N of Minturn, off Hwy. 24 at mkr. 144,	23-Jul-10	24-Jul-10	CEH
taken at uv trap, 7985' elev., open meadow Grouse Crk. Trailhead,				
Apamea inficita indela	CHAFFEE: 2 mi. S. of Poncha Springs, Hwy. 285 at mkr. 124,	06-Aug-10	07-Aug-10	CEH
oak/juniper/sage/Ericameria, taken at uv trap, 8028' elev., San Isabel NF,				
Apamea inficita indela	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	14-Aug-10		BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,				
Apamea lignicolora	PARK: Kenosha Pass, Hwy. 285 at mkr. #203, Pike NF,	17-Jul-10	18-Jul-10	CEH
taken at uv trap, 9995' elev.,				
Apamea lignicolora	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	22-Jul-10		BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,				
Apamea lignicolora	Eagle: 0.5 mi. E of Red Cliff, Turkey Creek Rd.,	23-Jul-10	24-Jul-10	CEH
taken at uv trap, 8930' elev., pinyon-sage, creekside, White River NF,				

Apamea lignicolora	LAKE: n. end of downtown Leadville, off Hwy. 24, taken at gas station mv lights, 10190' elev.,	23-Jul-10	24-Jul-10	CEH
Apamea niveivenosa	TELLER: Florissant, Hwy. #24 w. of Teller CR 1, Pike NF, taken at gas station lights, 8178' elev.,	18-Jul-10		CEH
Apamea niveivenosa	CUSTER: Silver Cliff, downtown along Hwy. #69, taken at store lights, 7989' elev.,	21-Jul-10	22-Jul-10	CEH
Apamea niveivenosa	LAKE: S of Leadville, Hwy. 24 nr. CR 300 mkr. #180, taken at gas station mv lights, 9596' elev.,	24-Jul-10		CEH
Apamea niveivenosa	SAGUACHE: Crestone, downtown grocery store, Rio Grande NF, taken at store mv/uv lights, 7995' elev.,	06-Aug-10		CEH
Apamea niveivenosa	CHAFFEE: 2 mi. S. of Poncha Springs, Hwy. 285 at mkr. 124, oak/juniper/sage/Ericameria, taken at uv trap, 8028' elev., San Isabel NF,	06-Aug-10	07-Aug-10	CEH
Apamea niveivenosa	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	14-Aug-10		BKB
Apamea occidens	PARK: Fairplay along Hwy 285 just N of jct of Hwy 9 at gas station mv lights, 9950'	11-Jul-10	12-Jul-10	CEH
Apamea perpensa	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	14-Jul-10	28-Jul-10	BKB
Apamea perpensa	SAGUACHE: Crestone, downtown grocery store, Rio Grande NF, taken at store mv/uv lights, 7995' elev.,	06-Aug-10		CEH
Apamea scoparia	BOULDER: 2 mi. N of Hwy. #66 on Hwy. #47, collected by Donald R. Tangren, near Rabbit Mtn., 5400' elev.	05-Jul-10		CEH
Apamea scoparia	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	10-Jul-10	01-Sep-10	BKB
Apamea scoparia	PARK: Fairplay along Hwy 285 just N of jct of Hwy 9 at gas station mv lights, 9950'	11-Jul-10	12-Jul-10	CEH
Apamea scoparia	LAKE: S. of Tennessee Pass, Hwy. 24 at CR 20, taken at uv trap, dry pine-sage forest, 10203' elev., San Isabel NF,	23-Jul-10	24-Jul-10	CEH
Apamea scoparia	Park: Kenosha Pass, Hwy. 285 at mkr. #203, Pike NF, taken at uv trap, 9995' elev.,	31-Jul-10	01-Aug-10	CEH
Apamea scoparia	Chaffee: 2 mi. S. of Poncha Springs, frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,	11-Aug-10	12-Aug-10	CEH
Apamea sordens	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	22-Jun-10	29-Jun-10	BKB
Apamea sordens	JEFFERSON: S. of Evergreen 1 mi W on South Brook Forest Rd collected by Donald R. Tangren,	03-Jul-10		CEH
Apamea spaldingi	HUERFANO: Walsenburg, w. of town Hwy. #160 Colorado State Veteran's Hospital mv. lights, 6454' elev. 1 am	30-May-10		CEH
Apamea spaldingi	LAKE: n. end of downtown Leadville, off Hwy. 24, taken at gas station mv lights, 10190' elev.,	23-Jul-10	24-Jul-10	CEH
Resapamea passer	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	03-Aug-09	09-Sep-10	BKB
Resapamea passer	PARK: 1.5 mi. S of Grant, Hwy. #285 mkr. 210, taken at uv trap, 9300' elev., aspen/pine habitat,	31-Jul-10		CEH
Resapamea passer	CHAFFEE: 2 mi. S. of Poncha Springs, Hwy. 285 at mkr. 124, oak/juniper/sage/Ericameria, taken at uv trap, 8028' elev., San Isabel NF,	11-Aug-10	12-Aug-10	CEH
Oligia rampartensis	CHAFFEE: 2 mi. S. of Poncha Springs, frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,	11-Aug-10	12-Aug-10	CEH
Neoligia subjuncta	JEFFERSON: S. of Evergreen 1 mi W on South Brook Forest Rd collected by Donald R. Tangren	03-Jul-10		CEH
Neoligia tonsa	HUERFANO: 0.5 mi. E. of N. La Veta Pass, Hwy. #160, fir/spruce/pine/aspen forest, 9291' elev., nr. mkr. 279,	12-Aug-10		CEH
Selicanis cinereola	HUERFANO: Walsenburg, w. of town Hwy. #160 Colorado State Veteran's Hospital mv. lights, 6454' elev., 1 a.m., 60°F	07-Oct-10		CEH
Amphipoea americana	Chaffee: 2 mi. S. of Poncha Springs, frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8071' elev., San Isabel NF,	06-Aug-10	07-Aug-10	CEH
Homoglaea carbonaria	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	03-Oct-10	15-Oct-10	BKB
Litholomia napaea	CLEAR CREEK : Georgetown, 1 mi w. off I-70 at marker #228, riparian area w. of Clear Cr., 8524' elev., at lights, 9am	12-May-10		CEH
Lithophane georgii	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	26-Sep-10		BKB
Lithophane innominata	PARK: downtown Bailey, Hwy. #285/ uv trap behind P.O., taken at uv trap, 7769' elev.,	06-Sep-10	07-Sep-10	CEH
Lithophane ponderosa	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	17-Oct-10		BKB
Mesogona olivata	Jefferson: Deer Creek Canyon, SW of Littleton, w. of Hogback riparian area along Deer Creek Canyon	17-Sep-10	18-Sep-10	CEH

Anathix aggressa	CHAFFEE: 2 mi. S. of Poncha Springs, frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,	27-Aug-10	28-Aug-10	CEH
Brachylomia discinigra	CHAFFEE: 2 mi. S. of Poncha Springs, frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,	27-Aug-10	28-Aug-10	CEH
Brachylomia populi	CHAFFEE: 2 mi. S. of Poncha Springs, frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,	12-Aug-10	28-Aug-10	CEH
Brachylomia populi	FREMONT: Cotopaxi, along Hwy 50, Arkansas River Canyon taken at store mv lights, 6364'elev., 11:30pm	27-Aug-10		CEH
Brachylomia populi	PARK: downtown Bailey, Hwy. #285/ uv trap behind P.O., taken at uv trap, 7769' elev.,	06-Sep-10	07-Sep-10	CEH
Lomilysis discolor	Chaffee: 2 mi. S. of Poncha Springs, frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,	27-Aug-10	28-Aug-10	CEH
Parastichtis suspecta	CHAFFEE: 2 mi. S. of Poncha Springs, Hwy. 285 at mkr. 124, oak/juniper/sage/Ericameria, taken at uv trap, 8028' elev., San Isabel NF,	06-Aug-10	07-Aug-10	CEH
Andropolia diversilineata	CHAFFEE: 2 mi. S. of Poncha Springs, frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8071' elev., San Isabel NF,	06-Aug-10	12-Aug-10	CEH
Andropolia diversilineata	FREMONT: 4 mi. S. of Coaldale, CR #6, San Isabel NF, pinyon-oak forest along Hayden Crk., 7487' elev., uv trap	11-Aug-10		CEH
Andropolia theodori	Chaffee: 2 mi. S. of Poncha Springs, Hwy. 285 at mkr. 124, oak/juniper/sage/Ericameria, taken at uv trap, 8028' elev., San Isabel NF,	06-Aug-10	07-Aug-10	CEH
Fishia yosemitae	PARK: 1.5 mi. S of Grant, Hwy. #285 mkr. 210, taken at uv trap, 9300' elev., aspen/pine habitat,	31-Jul-10		CEH
Ufeus satyricus	CHEYENNE: Wild Horse, post office, off Hwy 40/287 shortgrass prairie/sand sage, at lights, 4352' elev., 11:30 p.m.	16-Oct-10		CEH
Stretchia muricina	Clear Creek : Georgetown, 1 mi w. off I-70 at marker #228, riparian area w. of Clear Cr., 8524'elev., at lights, 9am	09-May-10	12-May-10	CEH
Egira variabilis	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	15-Apr-10		BKB
Nephelodes carminata	HUERFANO: 0.5 mi. E. of N. La Veta Pass, Hwy. #160, fir/spruce/pine/aspen forest, 9291' elev., nr. mkr. 279,	12-Aug-10		CEH
Nephelodes minians	HUERFANO: 0.5 mi. E. of N. La Veta Pass, Hwy. #160, fir/spruce/pine/aspen forest, 9291' elev., nr. mkr. 279,	12-Aug-10		CEH
Hadenella pergentilis	HUERFANO: Walsenburg, w. of town Hwy. #160 Colorado State Veteran's Hospital mv. lights, 6454' elev. 1 am	30-May-10		CEH
Anarta crotchii	CUSTER: Silver Cliff, downtown along Hwy. #69, taken at gas station, mv lights, 8002' elev., 3 am	30-May-10		CEH
Anarta crotchii	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	04-Jun-10	20-Jun-10	BKB
Anarta farnhami	PARK: Fairplay along Hwy 285 just N of jct of Hwy 9 at gas station mv lights, 9950'	17-Jul-10	18-Jul-10	CEH
Anarta hamata	HUERFANO: Walsenburg, w. of town Hwy. #160 Colorado State Veteran's Hospital mv. lights, 6454' elev. 1 am	30-May-10		CEH
Anarta hamata	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	12-Jul-10		BKB
Anarta hamata	CHAFFEE: 2 mi. S. of Poncha Springs, frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,	11-Aug-10	12-Aug-10	CEH
Anarta obesula	CUSTER: 8.5 mi. E of Westcliffe, roadside along Hwy. 96, taken at uv trap, 9062' elev., dry pine forest border,	21-Jul-10	22-Jul-10	CEH
Anarta obesula	SAGUACHE: Crestone, downtown grocery store, Rio Grande NF, taken at store mv/uv lights, 7995' elev.,	06-Aug-10		CEH
Anarta obesula	FREMONT: Cotopaxi, along Hwy 50, Arkansas River Canyon taken at store mv lights, 6364'elev., 11:30pm	11-Aug-10		CEH
Anarta obesula	HUERFANO: Walsenburg, w. of town Hwy. #160 Colorado State Veteran's Hospital mv. lights, 6454' elev. 10pm.	13-Aug-10		CEH
Anarta trifolii	BOULDER: 2 mi. N of Hwy. #66 on Hwy. #47, collected by Donald R. Tangren, near Rabbit Mtn., 5400' elev.	05-Jul-10		CEH
Anarta trifolii	CHAFFEE: E of Buena Vista, 1 mi. E of Hwy. #287, collected by Donald R. Tangren, using mv lights,	07-Jul-10		CEH
Anarta trifolii	OTERO: S of La Junta, Vogel Canyon, collected by Donald R. Tangren, using mv lights, 4,375' elev.,	08-Jul-10		CEH
Trudestra hadeniformis	PARK: Fairplay along Hwy 285 just N of jct of Hwy 9 at gas station mv lights, 9950'	17-Jul-10	18-Jul-10	CEH
Trudestra hadeniformis	LAKE: S of Leadville, Hwy. 24 nr. CR 300 mkr. #180, taken at gas station mv lights, 9596' elev.,	24-Jul-10		CEH
Trudestra hadeniformis	SAGUACHE: Crestone, downtown grocery store, Rio Grande NF, taken at store mv/uv lights, 7995' elev.,	06-Aug-10		CEH
Scotogramma submarina	FREMONT: Cotopaxi, along Hwy 50, Arkansas River Canyon taken at store mv lights, 6364'elev., 11:30pm	11-Aug-10		CEH

<i>Sideridis maryx</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	28-Jun-10	29-Jun-10	BKB
<i>Sideridis maryx</i> taken at store lights, 8310' elev, 11:30pm	JEFFERSON: Conifer, along Hwy. 285 at mv street lights	17-Aug-10		CEH
<i>Sideridis rosea</i> at post office mv lights, 8455'elev., 12am	Jefferson: Pine Junction, off Hwy. #285 on Mt. Evans road	18-Jun-10		CEH
<i>Sideridis uscripta</i> riparian roadside, uv/mv trap, Populus/juniper/sage, 7070' elev.	EAGLE: 2.5 mi. N. of Eagle, Eby Creek Road,	19-Jun-10		CEH
<i>Polia delecta</i> taken at uv trap, 7502' elev.,	CUSTER: 1 mi. S of Hillside, along Hwy. #69,	29-May-10	30-May-10	CEH
<i>Polia delecta</i> riparian roadside, uv/mv trap, Populus/juniper/sage, 7070' elev.	EAGLE: 2.5 mi. N. of Eagle, Eby Creek Road,	19-Jun-10		CEH
<i>Polia discalis</i> pinyon-oak forest along Hayden Crk., 7487' elev., uv trap	FREMONT: 4 mi. S. of Coaldale, CR #6, San Isabel NF,	11-Aug-10		CEH
<i>Polia noverca</i> frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,	CHAFFEE: 2 mi. S. of Poncha Springs,	06-Aug-10	07-Aug-10	CEH
<i>Polia purpurissata</i> collected by Donald R. Tangren, using mv lights, 7000' elev.,	Eagle: Eagle, 2.5 mi. N of Hwy. I-70 on Eby Creek Rd.,	06-Jul-10		CEH
<i>Polia purpurissata</i> collected by Donald R. Tangren, using mv lights,	Chaffee: E of Buena Vista, 1 mi. E of Hwy. #287,	07-Jul-10		CEH
<i>Melanchra picta</i> taken at store lights, 7900' elev., 9-11pm	CUSTER : Westcliffe, Hwy. 96 at Hwy. 69,	27-Aug-10		CEH
<i>Trichordestra legitima</i> taken at mv/uv trap, 6870' elev., 9-11:30pm	Jefferson: Tintytown S Turkey Crk Rd across from train park	25-Jun-10		CEH
<i>Papestra brenda</i> at post office mv lights, 8455'elev., 12am	Jefferson: Pine Junction, off Hwy. #285 on Mt. Evans road	18-Jun-10		CEH
<i>Papestra brenda</i> riparian roadside, uv/mv trap, Populus/juniper/sage, 7070' elev.	Eagle: 2.5 mi. N. of Eagle, Eby Creek Road,	19-Jun-10		CEH
<i>Papestra quadrata</i> riparian roadside, uv/mv trap, Populus/juniper/sage, 7070' elev.	Eagle: 2.5 mi. N. of Eagle, Eby Creek Road,	19-Jun-10		CEH
<i>Hadena variolata</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	16-Jul-10	30-Jul-10	BKB
<i>Anarta nigrolunata</i> collected by Donald R. Tangren,	JEFFERSON: S. of Evergreen 1 mi W on South Brook Forest Rd	03-Jul-10		CEH
<i>Faronta diffusa</i> collected by Donald R. Tangren, near Rabbit Mtn., 5400' elev.	Boulder: 2 mi. N of Hwy. #66 on Hwy. #47,	05-Jul-10		CEH
<i>Faronta diffusa</i> s. of Hwy. 50 off FR 5974 nr mkr 228, taken at uv light trap, 9pm- 12am, pinyon/juniper/oak assoc.	FREMONT: 0.5 mi. S.E. of Swissvale,	27-Aug-10		CEH
<i>Mythimna oxygala</i> collected by Donald R. Tangren, using mv lights,	CHAFFEE: E of Buena Vista, 1 mi. E of Hwy. #287,	07-Jul-10		CEH
<i>Mythimna oxygala</i> taken at uv traps, 7769' elev.,	PARK : downtown Bailey, Hwy. #285/ uv trap behind P.O.,	11-Jul-10	12-Jul-10	CEH
<i>Mythimna oxygala</i> taken at uv trap, 8330' elev., Hardscrabble Crk.,	CUSTER: San Isabel NF, Hwy. 96 at mkr. 17,	21-Jul-10	22-Jul-10	CEH
<i>Mythimna oxygala</i> taken at gas station mv lights, 9596' elev.,	LAKE: S of Leadville, Hwy. 24 nr. CR 300 mkr. #180,	24-Jul-10		CEH
<i>Mythimna unipuncta</i> frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,	CHAFFEE: 2 mi. S. of Poncha Springs,	27-Aug-10	28-Aug-10	CEH
<i>Leucania insueta</i> taken at mv/uv trap, 6870' elev., 9-11:30pm	JEFFERSON: Tintytown S Turkey Crk Rd across from train park	25-Jun-10		CEH
<i>Leucania multilinea</i> taken at church lights, 4298' elev.,	CHEYENNE : downtown Kit Carson, E. 1st ave at Church St.,	08-Jun-10		CEH
<i>Leucania multilinea</i> riparian roadside, uv/mv trap, Populus/juniper/sage, 7070' elev.	EAGLE: 2.5 mi. N. of Eagle, Eby Creek Road,	19-Jun-10		CEH
<i>Leucania multilinea</i> collected by Donald R. Tangren,	Jefferson: S. of Evergreen 1 mi W on South Brook Forest Rd	03-Jul-10		CEH
<i>Lasionycta benjamini</i> riparian roadside, uv/mv trap, Populus/juniper/sage, 7070' elev.	EAGLE: 2.5 mi. N. of Eagle, Eby Creek Road,	19-Jun-10		CEH
<i>Lasionycta coloradensis</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	22-Jun-10		BKB
<i>Lasionycta perplexa</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	09-Jul-10		BKB
<i>Lasionycta perplexa</i> taken at uv trap, 9995' elev., abundant	PARK: Kenosha Pass, Hwy. 285 at mkr. #203, Pike NF,	17-Jul-10	18-Jul-10	CEH
<i>Lasionycta perplexa</i> taken at gas station mv lights, 10190' elev.,	Lake: n. end of downtown Leadville, off Hwy. 24,	23-Jul-10	24-Jul-10	CEH
<i>Lacinipolia lepidula</i> frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8071' elev., San Isabel NF,	CHAFFEE: 2 mi. S. of Poncha Springs,	06-Aug-10	07-Aug-10	CEH

Lacinipolia lorea	Jefferson: Tintytown S Turkey Crk Rd across from train park	25-Jun-10		CEH
	taken at mv/uv trap, 6870' elev., 9-11:30pm			
Lacinipolia olivacea	Eagle: 2.5 mi. N. of Eagle, Eby Creek Road,	19-Jun-10		CEH
	riparian roadside, uv/mv trap, Populus/juniper/sage, 7070' elev.			
Lacinipolia olivacea	Jefferson: S. of Evergreen 1 mi W on South Brook Forest Rd	03-Jul-10		CEH
	collected by Donald R. Tangren,			
Lacinipolia olivacea	Eagle: Eagle, 2.5 mi. N of Hwy. I-70 on Eby Creek Rd.,	06-Jul-10		CEH
	collected by Donald R. Tangren, using mv lights, 7000' elev.,			
Lacinipolia olivacea	Chaffee: E of Buena Vista, 1 mi. E of Hwy. #287,	07-Jul-10		CEH
	collected by Donald R. Tangren, using mv lights,			
Lacinipolia olivacea	HUERFANO: 0.5 mi. E. of N. La Veta Pass, Hwy. #160,	12-Aug-10		CEH
	fir/spruce/pine/aspens forest, 9291' elev., nr. mkr. 279,			
Lacinipolia pensilis	Jefferson: S. of Evergreen 1 mi W on South Brook Forest Rd	03-Jul-10		CEH
	collected by Donald R. Tangren,			
Lacinipolia pensilis	EAGLE: Eagle, 2.5 mi. N of Hwy. I-70 on Eby Creek Rd.,	06-Jul-10		CEH
	collected by Donald R. Tangren, using mv lights, 7000' elev.,			
Lacinipolia pensilis	Chaffee: E of Buena Vista, 1 mi. E of Hwy. #287,	07-Jul-10		CEH
	collected by Donald R. Tangren, using mv lights,			
Lacinipolia renigera	BOULDER: 2 mi. N of Hwy. #66 on Hwy. #47,	05-Jul-10		CEH
	collected by Donald R. Tangren, near Rabbit Mtn., 5400' elev.			
Lacinipolia renigera	OTERO: S of La Junta, Vogel Canyon,	08-Jul-10		CEH
	collected by Donald R. Tangren, using mv lights, 4,375' elev.,			
Lacinipolia renigera	TELLER: Florissant, Hwy. #24 w. of Teller CR 1, Pike NF,	18-Jul-10		CEH
	taken at gas station lights, 8178' elev.,			
Homorthodes communis	EAGLE: Eagle, 2.5 mi. N of Hwy. I-70 on Eby Creek Rd.,	06-Jul-10		CEH
	collected by Donald R. Tangren, using mv lights, 7000' elev.,			
Homorthodes reliqua	JEFFERSON: S. of Evergreen 1 mi W on South Brook Forest Rd	03-Jul-10		CEH
	collected by Donald R. Tangren,			
Protorthodes alfeni	CHAFFEE: 2 mi. S. of Poncha Springs, Hwy. 285 at mkr. 124,	27-Aug-10	28-Aug-10	CEH
	oak/juniper/sage/Ericameria, taken at uv trap, 8028' elev., San Isabel NF,			
Protorthodes alfeni	CUSTER : Westcliffe, Hwy. 96 at Hwy. 69,	27-Aug-10		CEH
	taken at store lights, 7900' elev., 9-11pm			
Protorthodes alfeni	BACA: Springfield, s. of town, Hwy. #287 at store lights	16-Oct-10		CEH
	Comanche Nat. Grassld., 4409' elev., 9 p.m.			
Ulolonche consopita	FREMONT: Cotopaxi, along Hwy 50, Arkansas River Canyon	30-May-10		CEH
	taken at store mv lights, 6364' elev., 3:30am			
Ulolonche disticha	EAGLE: 2.5 mi. N. of Eagle, Eby Creek Road,	19-Jun-10		CEH
	riparian roadside, uv/mv trap, Populus/juniper/sage, 7070' elev.			
Ulolonche disticha	JEFFERSON: S. of Evergreen 1 mi W on South Brook Forest Rd	03-Jul-10		CEH
	collected by Donald R. Tangren,			
Ulolonche marloffii	SAGUACHE: Crestone, downtown grocery store,	06-Aug-10		CEH
	Rio Grande NF, taken at store mv/uv lights, 7995' elev.,			
Ulolonche orbiculata	FREMONT: Cotopaxi, along Hwy 50, Arkansas River Canyon	30-May-10		CEH
	taken at store mv lights, 6364' elev., 3:30am			
Ulolonche orbiculata	Huerfano: Walsenburg, w. of town Hwy. #160	30-May-10		CEH
	Colorado State Veteran's Hospital mv. lights, 6454' elev. 1 am			
Ulolonche orbiculata	Eagle: 2.5 mi. N. of Eagle, Eby Creek Road,	19-Jun-10		CEH
	riparian roadside, uv/mv trap, Populus/juniper/sage, 7070' elev.			
Hexorthodes agrotiformis	CUSTER: San Isabel NF, Hwy. 96 at mkr. 17,	21-Jul-10	22-Jul-10	CEH
	taken at uv trap, 8330' elev., Hardscrabble Crk.,			
Hexorthodes agrotiformis	PARK: downtown Bailey, Hwy. #285/ uv trap behind P.O.,	31-Jul-10	01-Aug-10	CEH
	taken at uv trap, 7769' elev.,			
Hexorthodes agrotiformis	CHAFFEE: 2 mi. S. of Poncha Springs,	06-Aug-10	07-Aug-10	CEH
	frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8071' elev., San Isabel NF,			
Neleucania bicolorata	Eagle: 2.5 mi. N. of Eagle, Eby Creek Road,	19-Jun-10		CEH
	riparian roadside, uv/mv trap, Populus/juniper/sage, 7070' elev.			
Neleucania bicolorata	BOULDER: 2 mi. N of Hwy. #66 on Hwy. #47,	05-Jul-10		CEH
	collected by Donald R. Tangren, near Rabbit Mtn., 5400' elev.			
Neleucania bicolorata	EAGLE: Eagle, 2.5 mi. N of Hwy. I-70 on Eby Creek Rd.,	06-Jul-10		CEH
	collected by Donald R. Tangren, using mv lights, 7000' elev.,			
Neleucania bicolorata	OTERO: S of La Junta, Vogel Canyon,	08-Jul-10		CEH
	collected by Donald R. Tangren, using mv lights, 4,375' elev.,			
Neleucania patricia	CUSTER: San Isabel NF, Hwy. 96 at mkr. 17,	21-Jul-10	22-Jul-10	CEH
	taken at uv trap, 8330' elev., Hardscrabble Crk.,			
Trichorthosia parallela	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,			
Trichorthosia parallela	PARK: 1.5 mi. S of Grant, Hwy. #285 mkr. 210,	31-Jul-10		CEH
	taken at uv trap, 9300' elev., aspen/pine habitat,			

Tricholita chipeta	Fremont: 0.5 mi. S.E. of Swissvale,	27-Aug-10		CEH
s. of Hwy. 50 off FR 5974 nr mkr 228, taken at uv light trap, 9pm- 12am, pinyon/juniper/oak assoc.				
Hydrociodes juvenalis	CHAFFEE: 2 mi. S. of Poncha Springs,	27-Aug-10	28-Aug-10	CEH
frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,				
Peridroma saucia	CHAFFEE: E of Buena Vista, 1 mi. E of Hwy. #287,	07-Jul-10		CEH
collected by Donald R. Tangren, using mv lights,				
Peridroma saucia	OTERO: S of La Junta, Vogel Canyon,	08-Jul-10		CEH
collected by Donald R. Tangren, using mv lights, 4,375' elev.,				
Peridroma saucia	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	15-Aug-10	18-Sep-10	BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,				
Anicla espoetia	BOULDER: 2 mi. N of Hwy. #66 on Hwy. #47,	05-Jul-10		CEH
collected by Donald R. Tangren, near Rabbit Mtn., 5400' elev.				
Anicla espoetia	EAGLE: Eagle, 2.5 mi. N of Hwy. I-70 on Eby Creek Rd.,	06-Jul-10		CEH
collected by Donald R. Tangren, using mv lights, 7000' elev.,				
Anicla exuberans	HUERFANO: Walsenburg, w. of town Hwy. #160	30-May-10		CEH
Colorado State Veteran's Hospital mv. lights, 6454' elev. 1 am				
Anicla exuberans	Jefferson: S. of Evergreen 1 mi W on South Brook Forest Rd	03-Jul-10		CEH
collected by Donald R. Tangren,				
Anicla exuberans	BOULDER: 2 mi. N of Hwy. #66 on Hwy. #47,	05-Jul-10		CEH
collected by Donald R. Tangren, near Rabbit Mtn., 5400' elev.				
Anicla exuberans	Eagle: Eagle, 2.5 mi. N of Hwy. I-70 on Eby Creek Rd.,	06-Jul-10		CEH
collected by Donald R. Tangren, using mv lights, 7000' elev.,				
Anicla exuberans	Chaffee: E of Buena Vista, 1 mi. E of Hwy. #287,	07-Jul-10		CEH
collected by Donald R. Tangren, using mv lights, along FR 307, 8700' elev.,				
Anicla exuberans	SAGUACHE: Crestone, downtown grocery store,	06-Aug-10		CEH
Rio Grande NF, taken at store mv/uv lights, 7995' elev.,				
Anicla mus	HUERFANO: Walsenburg, w. of town Hwy. #160	30-May-10		CEH
Colorado State Veteran's Hospital mv. lights, 6454' elev. 1 am				
Hemieuxoa rudens	OTERO: S of La Junta, Vogel Canyon,	08-Jul-10		CEH
collected by Donald R. Tangren, using mv lights, 4,375' elev.,				
Striacosta albicosta	OTERO: S of La Junta, Vogel Canyon,	08-Jul-10		CEH
collected by Donald R. Tangren, using mv lights, 4,375' elev.,				
Dichagyris grandipennis	PARK : downtown Bailey, Hwy. #285/ uv trap behind P.O.,	11-Jul-10	12-Jul-10	CEH
taken at uv traps, 7769' elev.,				
Dichagyris grotei	CHAFFEE: 2 mi. S. of Poncha Springs, Hwy. 285 at mkr. 124,	06-Aug-10	12-Aug-10	CEH
oak/juniper/sage/Ericameria, taken at uv trap, 8028' elev., San Isabel NF,				
Dichagyris grotei	FREMONT: 0.5 mi. S.E. of Swissvale,	27-Aug-10		CEH
s. of Hwy. 50 off FR 5974 nr mkr 228, taken at uv light trap, 9pm- 12am, pinyon/juniper/oak assoc.				
Richia parentalis	FREMONT: 0.5 mi. S.E. of Swissvale,	27-Aug-10		CEH
s. of Hwy. 50 off FR 5974 nr mkr 228, taken at uv light trap, 9pm- 12am, pinyon/juniper/oak assoc.				
Richia praefixa	CHAFFEE: 2 mi. S. of Poncha Springs, Hwy. 285 at mkr. 124,	06-Aug-10	07-Aug-10	CEH
oak/juniper/sage/Ericameria, taken at uv trap, 8028' elev., San Isabel NF,				
Copablepharon grandis	SAGUACHE: Crestone, downtown grocery store,	06-Aug-10		CEH
Rio Grande NF, taken at store mv/uv lights, 7995' elev.,				
Protogygia lagena	CUSTER: Silver Cliff, downtown along Hwy. #69,	30-May-10		CEH
taken at gas station, mv lights, 8002' elev., 3 am				
Protogygia postera	CHAFFEE: 2 mi. S. of Poncha Springs, Hwy. 285 at mkr. 124,	06-Aug-10	07-Aug-10	CEH
oak/juniper/sage/Ericameria, taken at uv trap, 8028' elev., San Isabel NF,				
Protogygia postera	SAGUACHE: Sagauche, Hwy. 285 at SR 114, downtown,	06-Aug-10		CEH
taken at gas station mv lights, 7723' elev.,				
Protogygia postera	Saguache: Crestone, downtown grocery store,	06-Aug-10		CEH
Rio Grande NF, taken at store mv/uv lights, 7995' elev.,				
Euxoa adumbrata	PARK: Kenosha Pass, Hwy. 285 at mkr. #203, Pike NF,	17-Jul-10	18-Jul-10	CEH
taken at uv trap, 9995' elev., abundant				
Euxoa albipennis	Chaffee: 2 mi. S. of Poncha Springs, Hwy. 285 at mkr. 124,	11-Aug-10	12-Aug-10	CEH
oak/juniper/sage/Ericameria, taken at uv trap, 8028' elev., San Isabel NF,				
Euxoa antica	PARK: Kenosha Pass, Hwy. 285 at mkr. #203, Pike NF,	17-Jul-10	18-Jul-10	CEH
taken at uv trap, 9995' elev.,				
Euxoa antica	CHAFFEE: 2 mi. S. of Poncha Springs, Hwy. 285 at mkr. 124,	06-Aug-10	07-Aug-10	CEH
oak/juniper/sage/Ericameria, taken at uv trap, 8028' elev., San Isabel NF,				
Euxoa atomaris	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.				
Euxoa auripennis	Park: downtown Bailey, Hwy. #285/ uv trap behind P.O.,	06-Sep-10	07-Sep-10	CEH
taken at uv trap, 7769' elev.,				
Euxoa auxiliaris	Huerfano: Walsenburg, w. of town Hwy. #160	30-May-10		CEH
Colorado State Veteran's Hospital mv. lights, 6454' elev. 1 am				
Euxoa auxiliaris	CHEYENNE : Wild Horse, Post Office, Hwy. 287 at mv lights	08-Jun-10		CEH
sand sage/grass prairie, 4453' elev				

<i>Euxoa auxiliaris</i>	Boulder: 2 mi. N of Hwy. #66 on Hwy. #47, collected by Donald R. Tangren, near Rabbit Mtn., 5400' elev.	05-Jul-10		CEH
<i>Euxoa auxiliaris</i>	Park: Kenosha Pass, Hwy. 285 at mkr. #203, Pike NF, taken at uv trap, 9995' elev., abundant	17-Jul-10	18-Jul-10	CEH
<i>Euxoa basalis</i>	Park : downtown Bailey, Hwy. #285/ uv trap behind P.O., taken at uv traps, 7769' elev.,	11-Jul-10	07-Sep-10	CEH
<i>Euxoa basalis</i>	CUSTER: San Isabel NF, Hwy. 96 at mkr. 17, taken at uv trap, 8330' elev., Hardscrabble Crk.,	21-Jul-10	22-Jul-10	CEH
<i>Euxoa basalis</i>	CHAFFEE: 2 mi. S. of Poncha Springs, frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8071' elev., San Isabel NF,	06-Aug-10	28-Aug-10	CEH
<i>Euxoa basalis</i>	FREMONT: 4 mi. S. of Coaldale, CR #6, San Isabel NF, pinyon-oak forest along Hayden Crk., 7487' elev., uv trap	11-Aug-10		CEH
<i>Euxoa basalis</i>	Fremont: 0.5 mi. S.E. of Swissvale, s. of Hwy. 50 off FR 5974 nr mkr 228, taken at uv light trap, 9pm- 12am, pinyon/juniper/oak assoc.	27-Aug-10		CEH
<i>Euxoa bochus</i>	CHAFFEE: 2 mi. S. of Poncha Springs, frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8071' elev., San Isabel NF,	06-Aug-10	28-Aug-10	CEH
<i>Euxoa campestris</i>	CHAFFEE: 2 mi. S. of Poncha Springs, frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,	11-Aug-10	12-Aug-10	CEH
<i>Euxoa castanea</i>	EAGLE: Eagle, 2.5 mi. N of Hwy. I-70 on Eby Creek Rd., collected by Donald R. Tangren, using mv lights, 7000' elev.,	06-Jul-10		CEH
<i>Euxoa castanea</i>	Eagle: 3 mi. NW of Dotsero, Deep Creek Rd., below Onion Ridge, taken at uv & mv light traps, 6985' elev. <12am.	08-Jul-10		CEH
<i>Euxoa castanea</i>	GUNNISON: 0.5 mi. W of Cottonwood Pass, Hwy. 106, Gunnison NF, at treeline, Gunnison NF, at treeline, taken on yellow flowers, 11857' elev.,	06-Aug-10		CEH
<i>Euxoa choris</i>	CHAFFEE: 2 mi. S. of Poncha Springs, frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,	06-Aug-10	28-Aug-10	CEH
<i>Euxoa cicatricosa</i>	CHAFFEE: 2 mi. S. of Poncha Springs, frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,	06-Aug-10	28-Aug-10	CEH
<i>Euxoa citricolor</i>	EAGLE: Eagle, 2.5 mi. N of Hwy. I-70 on Eby Creek Rd., collected by Donald R. Tangren, using mv lights, 7000' elev.,	06-Jul-10		CEH
<i>Euxoa comosa</i>	Park: Fairplay along Hwy 285 just N of jct of Hwy 9 at gas station mv lights, 9950'	17-Jul-10	18-Jul-10	CEH
<i>Euxoa comosa</i>	CHAFFEE: 2 mi. S. of Poncha Springs, Hwy. 285 at mkr. 124, oak/juniper/sage/Ericameria, taken at uv trap, 8028' elev., San Isabel NF,	11-Aug-10	12-Aug-10	CEH
<i>Euxoa comosa</i>	Park: downtown Bailey, Hwy. #285/ uv trap behind P.O., taken at uv trap, 7769' elev.,	06-Sep-10	07-Sep-10	CEH
<i>Euxoa divergens</i>	JEFFERSON: Pine Junction, off Hwy. #285 on Mt. Evans road at post office mv lights, 8455'elev., 12am	18-Jun-10		CEH
<i>Euxoa divergens</i>	EAGLE: Eagle, 2.5 mi. N of Hwy. I-70 on Eby Creek Rd., collected by Donald R. Tangren, using mv lights, 7000' elev.,	06-Jul-10		CEH
<i>Euxoa divergens</i>	PARK: Kenosha Pass, Hwy. 285 at mkr. #203, Pike NF, taken at uv trap, 9995' elev.,	17-Jul-10	18-Jul-10	CEH
<i>Euxoa divergens</i>	LAKE: S of Leadville, Hwy. 24 nr. CR 300 mkr. #180, taken at gas station mv lights, 9596' elev.,	24-Jul-10		CEH
<i>Euxoa dodi</i>	CHAFFEE: 2 mi. S. of Poncha Springs, Hwy. 285 at mkr. 124, oak/juniper/sage/Ericameria, taken at uv trap, 8028' elev., San Isabel NF,	06-Aug-10	07-Aug-10	CEH
<i>Euxoa flavicollis</i>	Park: Kenosha Pass, Hwy. 285 at mkr. #203, Pike NF, taken at uv trap, 9995' elev.,	17-Jul-10	18-Jul-10	CEH
<i>Euxoa flavidens</i>	Park: downtown Bailey, Hwy. #285/ uv trap behind P.O., taken at uv trap, 7769' elev.,	31-Jul-10	01-Aug-10	CEH
<i>Euxoa inconcinna</i>	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	25-Jun-10	06-Sep-10	BKB
<i>Euxoa inconcinna</i>	PARK: Kenosha Pass, Hwy. 285 at mkr. #203, Pike NF, taken at uv trap, 9995' elev.,	17-Jul-10	18-Jul-10	CEH
<i>Euxoa inconcinna</i>	CHAFFEE: 2 mi. S. of Poncha Springs, Hwy. 285 at mkr. 124, oak/juniper/sage/Ericameria, taken at uv trap, 8028' elev., San Isabel NF,	27-Aug-10	28-Aug-10	CEH
<i>Euxoa laetificans</i>	CUSTER : Westcliffe, Hwy. 96 at Hwy. 69, taken at store lights, 7900' elev., 9-11pm	27-Aug-10		CEH
<i>Euxoa lewisi</i>	CHAFFEE: 2 mi. S. of Poncha Springs, frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8071' elev., San Isabel NF,	06-Aug-10	07-Aug-10	CEH
<i>Euxoa lillooet</i>	CUSTER: Silver Cliff, downtown along Hwy. #69, taken at store lights, 7989' elev.,	21-Jul-10	22-Jul-10	CEH
<i>Euxoa lillooet</i>	CHAFFEE: 2 mi. S. of Poncha Springs, frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,	06-Aug-10	07-Aug-10	CEH
<i>Euxoa lineifrons</i>	FREMONT: 0.5 mi. S.E. of Swissvale, s. of Hwy. 50 off FR 5974 nr mkr 228, taken at uv light trap, 9pm- 12am, pinyon/juniper/oak assoc.	27-Aug-10		CEH
<i>Euxoa medialis</i>	HUERFANO: 0.5 mi. W. of Pryor, Rouse Rd. nr. RR tracks roadside w/rabbitbrush and juniper, 6368' elev., 55°F	07-Oct-10		CEH

Euxoa medialis	PUEBLO: Colorado City, off Hwy. I-25, mi. mkr. 74, taken at gast station mv. lights, 5821' elev., 11:45pm, 62°F	07-Oct-10		CEH
Euxoa medialis	Huerfano: Walsenburg, w. of town Hwy. #160 Colorado State Veteran's Hospital mv. lights, 6454' elev., 1 a.m., 60°F	07-Oct-10		CEH
Euxoa medialis	FREMONT: 5.5 mi. N.E. of Penrose, Hwy. #115, mkr. 20.5 pinyon/junipers along roadside w/rabbitbrush, 5820' elev.	07-Oct-10	08-Oct-10	CEH
Euxoa medialis	PROWERS: Lamar, south end of town, Hwy. #385 @ Memorial Dr., shortgrass prairie/sand sage, 3714' elev., 10 p.m.	16-Oct-10		CEH
Euxoa messoria	BOULDER: 2 mi. N of Hwy. #66 on Hwy. #47, collected by Donald R. Tangren, near Rabbit Mtn., 5400' elev.	05-Jul-10		CEH
Euxoa messoria	PARK: Kenosha Pass, Hwy. 285 at mkr. #203, Pike NF, taken at uv trap, 9995' elev.,	17-Jul-10	18-Jul-10	CEH
Euxoa messoria	CHAFFEE: 2 mi. S. of Poncha Springs, Hwy. 285 at mkr. 124, oak/juniper/sage/Ericameria, taken at uv trap, 8028' elev., San Isabel NF,	27-Aug-10	28-Aug-10	CEH
Euxoa mimallonis	CHAFFEE: 2 mi. S. of Poncha Springs, Hwy. 285 at mkr. 124, oak/juniper/sage/Ericameria, taken at uv trap, 8028' elev., San Isabel NF,	06-Aug-10	12-Aug-10	CEH
Euxoa misturata	CHAFFEE: 2 mi. S. of Poncha Springs, Hwy. 285 at mkr. 124, oak/juniper/sage/Ericameria, taken at uv trap, 8028' elev., San Isabel NF,	11-Aug-10	12-Aug-10	CEH
Euxoa obeliscoides	CHAFFEE: 2 mi. S. of Poncha Springs, frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,	11-Aug-10	28-Aug-10	CEH
Euxoa obeliscoides	FREMONT: Cotopaxi, along Hwy 50, Arkansas River Canyon taken at store mv lights, 6364' elev., 11:30pm	28-Aug-10		CEH
Euxoa oblongistigma	CHAFFEE: 2 mi. S. of Poncha Springs, Hwy. 285 at mkr. 124, oak/juniper/sage/Ericameria, taken at uv trap, 8028' elev., San Isabel NF,	27-Aug-10	28-Aug-10	CEH
Euxoa ochrogaster	CHAFFEE: 2 mi. S. of Poncha Springs, frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,	11-Aug-10	12-Aug-10	CEH
Euxoa olivalis	CHAFFEE: 2 mi. S. of Poncha Springs, Hwy. 285 at mkr. 124, oak/juniper/sage/Ericameria, taken at uv trap, 8028' elev., San Isabel NF,	11-Aug-10	12-Aug-10	CEH
Euxoa olivalis	FREMONT: 0.5 mi. S.E. of Swissvale, s. of Hwy. 50 off FR 5974 nr mkr 228, taken at uv light trap, 9pm- 12am, pinyon/juniper/oak assoc., San Isabel NF,	27-Aug-10		CEH
Euxoa pallipennis	CHAFFEE: 2 mi. S. of Poncha Springs, Hwy. 285 at mkr. 124, oak/juniper/sage/Ericameria, taken at uv trap, 8028' elev., San Isabel NF,	11-Aug-10	28-Aug-10	CEH
Euxoa pimensis	BOULDER: 2 mi. N of Hwy. #66 on Hwy. #47, collected by Donald R. Tangren, near Rabbit Mtn., 5400' elev.	05-Jul-10		CEH
Euxoa plagigera	CUSTER: Silver Cliff, downtown along Hwy. #69, taken at store lights, 7989' elev.,	21-Jul-10	22-Jul-10	CEH
Euxoa plagigera	CHAFFEE: 2 mi. S. of Poncha Springs, Hwy. 285 at mkr. 124, oak/juniper/sage/Ericameria, taken at uv trap, 8028' elev., San Isabel NF,	06-Aug-10	07-Aug-10	CEH
Euxoa plagigera	FREMONT: 5.5 mi. N.E. of Penrose, Hwy. #115, mkr. 20.5 pinyon/junipers along roadside w/rabbitbrush, 5820' elev.	07-Oct-10	08-Oct-10	CEH
Euxoa pluralis	CHAFFEE: E of Buena Vista, 1 mi. E of Hwy. #287, collected by Donald R. Tangren, using mv lights, along FR 307, 8700' elev.,	07-Jul-10		CEH
Euxoa pluralis	Chaffee: 2 mi. S. of Poncha Springs, frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8071' elev., San Isabel NF,	06-Aug-10	07-Aug-10	CEH
Euxoa punctigera	PARK: Kenosha Pass, Hwy. 285 at mkr. #203, Pike NF, taken at uv trap, 9995' elev.,	17-Jul-10	18-Jul-10	CEH
Euxoa quadridentata	CHAFFEE: 2 mi. S. of Poncha Springs, frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,	27-Aug-10	28-Aug-10	CEH
Euxoa satiens	CHAFFEE: 2 mi. S. of Poncha Springs, frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,	12-Aug-10	28-Aug-10	CEH
Euxoa satiens	CUSTER : Westcliffe, Hwy. 96 at Hwy. 69, taken at store lights, 7900' elev., 9-11pm	27-Aug-10		CEH
Euxoa satiens	FREMONT: 0.5 mi. S.E. of Swissvale, s. of Hwy. 50 off FR 5974 nr mkr 228, taken at uv light trap, 9pm- 12am, pinyon/juniper/oak assoc.	27-Aug-10		CEH
Euxoa servita	Park: Kenosha Pass, Hwy. 285 at mkr. #203, Pike NF, taken at uv trap, 9995' elev.,	17-Jul-10	18-Jul-10	CEH
Euxoa servita	CUSTER: San Isabel NF, Hwy. 96 at mkr. 17, taken at uv trap, 8330' elev., Hardscrabble Crk.,	21-Jul-10	22-Jul-10	CEH
Euxoa servita	PARK: 1.5 mi. S of Grant, Hwy. #285 mkr. 210, taken at uv trap, 9300' elev., aspen/pine habitat,	31-Jul-10		CEH
Euxoa silens	EAGLE: 3 mi. NW of Dotsero, Deep Creek Rd., below Onion Ridge, taken at uv & mv light traps, 6985' elev. <12am.	08-Jul-10		CEH
Euxoa stigmatalis	CUSTER: San Isabel NF, Hwy. 96 at mkr. 17, taken at uv trap, 8330' elev., Hardscrabble Crk.,	21-Jul-10	22-Jul-10	CEH
Euxoa teleboa	CUSTER: Silver Cliff, downtown along Hwy. #69, taken at store lights, 7989' elev., 9-11pm	27-Aug-10		CEH
Euxoa teleboa	Fremont: 5.5 mi. N.E. of Penrose, Hwy. #115, mkr. 20.5 pinyon/junipers along roadside w/rabbitbrush, 5820' elev.	07-Oct-10	08-Oct-10	CEH



<i>Euxoa tessellata</i>	EAGLE: 3 mi. NW of Dotsero, Deep Creek Rd., below Onion Ridge, taken at uv & mv light traps, 6985' elev. <12am.	17-Aug-09		CEH
<i>Euxoa tessellata</i>	CUSTER: San Isabel NF, Hwy. 96 at mkr. 17, taken at uv trap, 8330' elev., Hardscrabble Crk.,	21-Jul-10	22-Jul-10	CEH
<i>Euxoa tessellata</i>	CHAFFEE: 2 mi. S. of Poncha Springs, Hwy. 285 at mkr. 124, oak/juniper/sage/Ericameria, taken at uv trap, 8028' elev., San Isabel NF,	11-Aug-10	12-Aug-10	CEH
<i>Euxoa tronellus</i>	CHAFFEE: 2 mi. S. of Poncha Springs, Hwy. 285 at mkr. 124, oak/juniper/sage/Ericameria, taken at uv trap, 8028' elev., San Isabel NF,	27-Aug-10	28-Aug-10	CEH
<i>Euxoa vallus</i>	PARK: Kenosha Pass, Hwy. 285 at mkr. #203, Pike NF, taken at uv trap, 9995' elev.,	17-Jul-10	18-Jul-10	CEH
<i>Euxoa xasta</i>	CHAFFEE: 2 mi. S. of Poncha Springs, Hwy. 285 at mkr. 124, oak/juniper/sage/Ericameria, taken at uv trap, 8028' elev., San Isabel NF,	27-Aug-10	28-Aug-10	CEH
<i>Feltia mollis</i>	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	09-Jul-10		BKB
<i>Feltia mollis</i>	PARK: Kenosha Pass, Hwy. 285 at mkr. #203, Pike NF, taken at uv trap, 9995' elev.,	17-Jul-10	18-Jul-10	CEH
<i>Agrotis ipsilon</i>	PARK : downtown Bailey, Hwy. #285/ uv trap behind P.O., taken at uv traps, 7769' elev.,	17-Jul-10	18-Jul-10	CEH
<i>Agrotis ipsilon</i>	CHAFFEE: 2 mi. S. of Poncha Springs, Hwy. 285 at mkr. 124, oak/juniper/sage/Ericameria, taken at uv trap, 8028' elev., San Isabel NF,	11-Aug-10	12-Aug-10	CEH
<i>Agrotis orthogonia</i>	Jefferson: S. of Evergreen 1 mi W on South Brook Forest Rd collected by Donald R. Tangren, using mv lights,	03-Jul-10		CEH
<i>Agrotis orthogonia</i>	BOULDER: 2 mi. N of Hwy. #66 on Hwy. #47, collected by Donald R. Tangren, near Rabbit Mtn., 5400' elev.	05-Jul-10		CEH
<i>Agrotis orthogonia</i>	CHAFFEE: E of Buena Vista, 1 mi. E of Hwy. #287, collected by Donald R. Tangren, using mv lights,	07-Jul-10		CEH
<i>Agrotis orthogonia</i>	FREMONT: Penrose, 1 mi s. Hwy. 50, Hwy 115 store mv lights, 5293' elev., 11:30pm	08-Oct-10		CEH
<i>Agrotis vancouverensis</i>	CUSTER: Silver Cliff, downtown along Hwy. #69, taken at gas station, mv lights, 8002' elev., 3 am	30-May-10		CEH
<i>Agrotis venerabilis</i>	FREMONT: Penrose, 1 mi s. Hwy. 50, Hwy 115 store mv lights, 5293' elev., 11:30pm	08-Oct-10		CEH
<i>Ochropleura implecta</i>	Custer: 8.5 mi. E of Westcliffe, roadside along Hwy. 96, taken at uv trap, 9062' elev., dry pine forest border,	21-Jul-10	22-Jul-10	CEH
<i>Ochropleura implecta</i>	CUSTER: San Isabel NF, Hwy. 96 at mkr. 17, taken at uv trap, 8330' elev., Hardscrabble Crk.,	21-Jul-10	22-Jul-10	CEH
<i>Diarsia rosaria</i>	PARK: Fairplay along Hwy 285 just N of jct of Hwy 9 at gas station mv lights, 9950'	11-Jul-10	12-Jul-10	CEH
<i>Diarsia rosaria</i>	Park : downtown Bailey, Hwy. #285/ uv trap behind P.O., taken at uv traps, 7769' elev.,	17-Jul-10	18-Jul-10	CEH
<i>Paradiarsia littoralis</i>	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	15-Jun-10	25-Jun-10	BKB
<i>Paradiarsia littoralis</i>	EAGLE: 2.5 mi. N. of Eagle, Eby Creek Road, riparian roadside, uv/mv trap, Populus/juniper/sage, 7070' elev.	19-Jun-10		CEH
<i>Paradiarsia littoralis</i>	PARK: Kenosha Pass, Hwy. 285 at mkr. #203, Pike NF, taken at uv trap, 9995' elev.,	17-Jul-10	18-Jul-10	CEH
<i>Paradiarsia littoralis</i>	Eagle: 0.5 mi. E of Red Cliff, Turkey Creek Rd., taken at uv trap, 8230' elev., pinyon-sage,	23-Jul-10	24-Jul-10	CEH
<i>Noctua pronuba</i>	Jefferson: Pine Junction, off Hwy. #285 on Mt. Evans road at post office mv lights, 8455' elev., 12am	18-Jun-10		CEH
<i>Noctua pronuba</i>	BOULDER: 2 mi. N of Hwy. #66 on Hwy. #47, collected by Donald R. Tangren, near Rabbit Mtn., 5400' elev.	05-Jul-10		CEH
<i>Noctua pronuba</i>	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	06-Aug-10		BKB
<i>Noctua pronuba</i>	FREMONT: 4 mi. S. of Coaldale, CR #6, San Isabel NF, pinyon-oak forest along Hayden Crk., 7487' elev., uv trap	11-Aug-10		CEH
<i>Eurois occulta</i>	CHAFFEE: 2 mi. S. of Poncha Springs, frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,	11-Aug-10	12-Aug-10	CEH
<i>Graphiphora augur</i>	PARK : downtown Bailey, Hwy. #285/ uv trap behind P.O., taken at uv traps, 7769' elev.,	11-Jul-10	18-Jul-10	CEH
<i>Graphiphora augur</i>	Park: Kenosha Pass, Hwy. 285 at mkr. #203, Pike NF, taken at uv trap, 9995' elev.,	17-Jul-10	18-Jul-10	CEH
<i>Graphiphora augur</i>	CHAFFEE: 2 mi. S. of Poncha Springs, frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8071' elev., San Isabel NF,	06-Aug-10	07-Aug-10	CEH
<i>Xestia bolteri</i>	JEFFERSON: S. of Evergreen 1 mi W on South Brook Forest Rd collected by Donald R. Tangren	03-Jul-10		CEH
<i>Xestia bolteri</i>	PARK: Kenosha Pass, Hwy. 285 at mkr. #203, Pike NF, taken at uv trap, 9995' elev.,	17-Jul-10	18-Jul-10	CEH

<i>Xestia conchis</i> taken at uv traps, 7769' elev.,	Park : downtown Bailey, Hwy. #285/ uv trap behind P.O.,	11-Jul-10	12-Jul-10	CEH
<i>Xestia conchis</i> taken at uv trap, 9300' elev., aspen/pine habitat,	Park: 1.5 mi. S of Grant, Hwy. #285 mkr. 109,	31-Jul-10		CEH
<i>Xestia conchis</i> frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,	CHAFFEE: 2 mi. S. of Poncha Springs,	06-Aug-10	07-Aug-10	CEH
<i>Xestia oblata</i> taken at uv trap, dry pine-sage forest, 10203' elev., San Isabel NF,	LAKE: S. of Tennessee Pass, Hwy. 24 at CR 20,	23-Jul-10	24-Jul-10	CEH
<i>Xestia smithii</i> taken at uv trap, 7769' elev.,	PARK: downtown Bailey, Hwy. #285/ uv trap behind P.O.,	06-Sep-10	07-Sep-10	CEH
<i>Prognorisma substrigata</i> at gas station mv lights, 9950'	PARK: Fairplay along Hwy 285 just N of jct of Hwy 9	11-Jul-10		CEH
<i>Prognorisma substrigata</i> taken at uv trap, 9995' elev.,	Park: Kenosha Pass, Hwy. 285 at mkr. #203, Pike NF,	17-Jul-10	18-Jul-10	CEH
<i>Pseudohermonassa ononensis</i> taken at gas station lights, 8178' elev.,	TELLER: Florissant, Hwy. #24 w. of Teller CR 1, Pike NF,	18-Jul-10		CEH
<i>Setagrotis radiola</i> frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,	Chaffee: 2 mi. S. of Poncha Springs,	27-Aug-10	28-Aug-10	CEH
<i>Setagrotis vocalis</i> collected by Donald R. Tangren, using mv lights, 7000' elev.,	Eagle: Eagle, 2.5 mi. N of Hwy. I-70 on Eby Creek Rd.,	06-Jul-10		CEH
<i>Setagrotis vocalis</i> collected by Donald R. Tangren, using mv lights,	CHAFFEE: E of Buena Vista, 1 mi. E of Hwy. #287,	07-Jul-10		CEH
<i>Setagrotis vocalis</i> taken at uv traps, 7769' elev.,	PARK : downtown Bailey, Hwy. #285/ uv trap behind P.O.,	11-Jul-10	18-Jul-10	CEH
<i>Setagrotis vocalis</i> taken at uv trap, 9300' elev., aspen/pine habitat,	Park: 1.5 mi. S of Grant, Hwy. #285 mkr. 210,	31-Jul-10		CEH
<i>Setagrotis vocalis</i> frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,	Chaffee: 2 mi. S. of Poncha Springs,	06-Aug-10	12-Aug-10	CEH
<i>Setagrotis vocalis</i> Rio Grande NF, taken at store mv/uv lights, 7995' elev.,	SAGUACHE: Crestone, downtown grocery store,	06-Aug-10		CEH
<i>Setagrotis vocalis</i> pinyon-oak forest along Hayden Crk., 7487' elev., uv trap	FREMONT: 4 mi. S. of Coaldale, CR #6, San Isabel NF,	11-Aug-10		CEH
<i>Tesagrotis corrodera</i> s. of Hwy. 50 off FR 5974 nr mkr 228, taken at uv light trap, 9pm- 12am, pinyon/juniper/oak assoc.	FREMONT: 0.5 mi. S.E. of Swissvale,	27-Aug-10		CEH
<i>Tesagrotis piscipellis</i> frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,	CHAFFEE: 2 mi. S. of Poncha Springs,	11-Aug-10	12-Aug-10	CEH
<i>Tesagrotis piscipellis</i> pinyon-oak forest along Hayden Crk., 7487' elev., uv trap	FREMONT: 4 mi. S. of Coaldale, CR #6, San Isabel NF,	11-Aug-10		CEH
<i>Parabagrotis exsertistigma</i> collected by Donald R. Tangren	Jefferson: S. of Evergreen 1 mi W on South Brook Forest Rd	03-Jul-10		CEH
<i>Abagrotis bimarginalis</i> collected by Donald R. Tangren	Jefferson: S. of Evergreen 1 mi W on South Brook Forest Rd	03-Jul-10		CEH
<i>Abagrotis bimarginalis</i> taken at uv traps, 7769' elev.,	PARK : downtown Bailey, Hwy. #285/ uv trap behind P.O.,	11-Jul-10	18-Jul-10	CEH
<i>Abagrotis bimarginalis</i> taken at uv trap, 8330' elev., Hardscrabble Crk.,	CUSTER: San Isabel NF, Hwy. 96 at mkr. 17,	21-Jul-10	22-Jul-10	CEH
<i>Abagrotis discoidalis</i> oak/juniper/sage/Ericameria, taken at uv trap, 8028' elev., San Isabel NF,	CHAFFEE: 2 mi. S. of Poncha Springs, Hwy. 285 at mkr. 124,	06-Aug-10	07-Aug-10	CEH
<i>Abagrotis glenni</i> oak/juniper/sage/Ericameria, taken at uv trap, 8028' elev., San Isabel NF,	CHAFFEE: 2 mi. S. of Poncha Springs, Hwy. 285 at mkr. 124,	06-Aug-10	28-Aug-10	CEH
<i>Abagrotis glenni</i> at gas station uv lights, Pinyon/juniper/oak assoc., 6345' elev., 7-9pm., 65°F	LAS ANIMAS : Starkville, east off I-25, exit #11	07-Oct-10		CEH
<i>Abagrotis hermina</i> frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,	CHAFFEE: 2 mi. S. of Poncha Springs,	06-Aug-10	07-Aug-10	CEH
<i>Abagrotis mirabilis</i> taken at uv traps, 7769' elev.,	PARK : downtown Bailey, Hwy. #285/ uv trap behind P.O.,	17-Jul-10	18-Jul-10	CEH
<i>Abagrotis mirabilis</i> frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8071' elev., San Isabel NF,	Chaffee: 2 mi. S. of Poncha Springs,	06-Aug-10	28-Aug-10	CEH
<i>Abagrotis nefascia</i> oak/juniper/sage/Ericameria, taken at uv trap, 8028' elev., San Isabel NF,	Chaffee: 2 mi. S. of Poncha Springs, Hwy. 285 at mkr. 124,	06-Aug-10	07-Aug-10	CEH
<i>Abagrotis placida</i> frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,	CHAFFEE: 2 mi. S. of Poncha Springs,	06-Aug-10	07-Aug-10	CEH
<i>Abagrotis placida</i> oak/juniper/sage/Ericameria, taken at uv trap, 8028' elev., San Isabel NF,	CHAFFEE: 2 mi. S. of Poncha Springs, Hwy. 285 at mkr. 124,	06-Aug-10	07-Aug-10	CEH
<i>Abagrotis placida</i> s. of Hwy. 50 off FR 5974 nr mkr 228, taken at uv light trap, 9pm- 12am, pinyon/juniper/oak assoc.	FREMONT: 0.5 mi. S.E. of Swissvale,	27-Aug-10		CEH
<i>Abagrotis reedi</i> collected by Donald R. Tangren, using mv lights, 7000' elev.,	EAGLE: Eagle, 2.5 mi. N of Hwy. I-70 on Eby Creek Rd.,	06-Jul-10		CEH

Abagrotis vittifrons oak/juniper/sage/Ericameria, taken at uv trap, 8028' elev., San Isabel NF,	CHAFFEE: 2 mi. S. of Poncha Springs, Hwy. 285 at mkr. 124,	06-Aug-10	12-Aug-10	CEH
Abagrotis vittifrons s. of Hwy. 50 off FR 5974 nr mkr 228, taken at uv light trap, 9pm- 12am, pinyon/juniper/oak assoc.	FREMONT: 0.5 mi. S.E. of Swissvale,	27-Aug-10		CEH
Pronotua typica oak/juniper/sage/Ericameria, taken at uv trap, 8028' elev., San Isabel NF,	CHAFFEE: 2 mi. S. of Poncha Springs, Hwy. 285 at mkr. 124,	06-Aug-10	28-Aug-10	CEH
Helotropha reniformis frontage rd. of Hwy. 285 nr. mkr. 124, oak/juniper/pinyon, taken at uv trap, 8081' elev., San Isabel NF,	CHAFFEE: 2 mi. S. of Poncha Springs,	11-Aug-10	28-Aug-10	CEH

## MONTANA

Steve Kohler presented a report including 24 county records for butterflies from three contributors. Bob Martin added 80 county records for moths from his home in Helena.

### Butterflies

#### HESPERIIDAE

Pholisora catullus	TETON: W. end of Floweree Butte, 5 mi. NW Simms,	08-Jun-10		SJK
Amblyscirtes vialis	CASCADE: bluff 2.5 mi. N of Ft. Shaw, 3815' elev.,	28-Jun-10		SJK
Thymelicus lineola High elevation Record	Lewis & Clark: Red Mountain summit, 9,400' elev.,	29-Jul-10		SJK
Thymelicus lineola	GLACIER: Hwy. 17, 0.5 mi. S. of U.S./Canadian border,	11-Aug-10		SJK
Thymelicus lineola	PONDERA: Swift Reservoir trailhead,	12-Aug-10		SJK
Thymelicus lineola	FERGUS: Crystal Lake, Big Snowy Mtns.,	18-Aug-10		SJK
Hesperia juba	HILL: S. of Havre, Beaver Cr.,	29-Sep-10		SJK
Hesperia juba	VALLEY: S of Hinsdale,	29-Sep-10		SJK
Hesperia juba	PHILLIPS: near Dawson,	29-Sep-10		SJK
Hesperia juba	BLAINE: S. of Chinook,	29-Sep-10		SJK
Hesperia uncas vouchered specimen by Paul Opler	Jefferson: Lewis and Clark Caverns State Park, return trail	29-Sep-10		PAO
Polites mystic	JUDITH BASIN: Highwood Mtns.,	15-Jul-10		SJK
Ochlodes sylvanoides vouchered specimen by Paul Opler	Jefferson: Lewis and Clark Caverns State Park, return trail	29-Sep-10		PAO

#### PAPILIONIDAE

Papilio multicaudata	JUDITH BASIN: Highwood Mtns.,	15-Jul-10		SJK
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#### PIERIDAE

Pieris rapae sight observation by Paul Opler	Madison: Virginia City	28-Sep-10		PAO
Pieris rapae sight observation by Paul Opler	Jefferson: Whitehall, Split Diamond Ranch	29-Sep-10		PAO
Colias christina	CHOUTEAU: Highwood Mtns., Highwood Crk.,	15-Jul-10		SJK
Colias philodice sight observation by Paul Opler	Madison: Nevada City	28-Sep-10		PAO
Colias philodice sight observation by Paul Opler	Gallatin: Earthquake Lake, boat landing	28-Sep-10		PAO
Colias philodice sight observation by Paul Opler	Jefferson: Whitehall, Split Diamond Ranch	29-Sep-10		PAO
Colias philodice sight observation by Paul Opler	Big Horn: Little Bighorn Battlefield	30-Sep-10		PAO

#### LYCAENIDAE

Lycaena helloides sight observation by Paul Opler	Gallatin: Earthquake Lake, boat landing	28-Sep-10		PAO
Lycaena helloides sight observation by Paul Opler	Madison: Nevada City	28-Sep-10		PAO
Callophrys affinis	CASCADE: bluff 2.5 mi. N of Ft. Shaw, 3815' elev.,	28-Jun-10		SJK

#### RIODINIDAE

Apodemia mormo vouchered specimen by Paul Opler, significant North Record	JEFFERSON: Lewis and Clark Caverns State Park, return trail	29-Sep-10		PAO
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#### NYMPHALIDAE

Neominois ridingsii	CASCADE: bluff 2.5 mi. N of Ft. Shaw, 3815' elev.,	28-Jun-10		SJK
Euptoieta claudia sight observation by Paul Opler	Gallatin: Earthquake Lake, boat landing	28-Sep-10		PAO
Euptoieta claudia	GRANITE: NE of Drummond, Helmville Rd.,	01-Oct-10		SJK
Speyeria aphrodite vouchered specimen by Paul Opler	Jefferson: Lewis and Clark Caverns State Park, return trail	29-Sep-10		PAO
Speyeria cybele sight observation by Paul Opler	Madison: Nevada City	28-Sep-10		PAO
Speyeria hesperis sight observation by Paul Opler	Madison: Nevada City	28-Sep-10		PAO

Vanessa annabella sight observation by Paul Opler	Madison: Virginia City	28-Sep-10	PAO
Vanessa atalanta	GRANITE: near Bearmouth,	17-Jul-10	SJK
Vanessa atalanta	DEER LODGE: Warm Springs,	01-Oct-10	SJK
Vanessa cardui sight observation by Paul Opler	Gallatin: Earthquake Lake, boat landing	28-Sep-10	PAO
Vanessa cardui sight observation by Paul Opler	Madison: Nevada City	28-Sep-10	PAO
Aglais milberti sight observation by Paul Opler	Madison: Nevada City	28-Sep-10	PAO
Nymphalis antiopa sight observation by Paul Opler	Gallatin: Earthquake Lake, boat landing	28-Sep-10	PAO
Polygonia faunus sight observation by Paul Opler	Gallatin: Earthquake Lake, boat landing	28-Sep-10	PAO
Polygonia gracilis zephyrus	BLAINE: S of Chinook,	29-Sep-10	SJK
Chlosyne gorgone	CARBON: Warren,	30-Sep-10	SJK
Chlosyne palla	JUDITH BASIN: Highwood Mtns.,	15-Jul-10	SJK
Phyciodes pallida	CASCADE: bluff 2.5 mi. N of Ft. Shaw, 3815' elev.,	28-Jun-10	SJK
Phyciodes pallida	JUDITH BASIN: Highwood Mtns.,	15-Jul-10	SJK
Phyciodes tharos	SWEET GRASS: NW of Big Timber, Whitetail Cr.,	01-Oct-10	SJK

## Moths

### SPHINGIDAE

Ceratomia hageni photo documentation at the, West range and State Record, id confirmed by J. Tuttle	LEWIS & CLARK: Helena, 805 E. 6th Avenue,	28-Jun-10	CEH
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### ARCTIIDAE

Bruceia pulverina photo documentation at residential lights by Bob Martin, 3888' elev.	LEWIS & CLARK: East Helena	28-Aug-10	CEH
Eilema bicolor photo documentation at residential lights by Bob Martin, 3888' elev.	LEWIS & CLARK: East Helena	05-Aug-10	CEH
Crambidia casta photo documentation at residential lights by Bob Martin, 3888' elev.	LEWIS & CLARK: East Helena	02-Aug-10	CEH
Crambidia cephalica photo documentation at residential lights by Bob Martin, 3888' elev.	LEWIS & CLARK: East Helena	05-Aug-10	CEH

### LYMANTRIIDAE

Leucoma salicis photo documentation at residential lights by Bob Martin, 3888' elev.	Lewis & Clark: East Helena	19-Jul-10	CEH
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### NOCTUIDAE

Caenurgina erechtea photo documentation at residential lights by Bob Martin, 3888' elev.	LEWIS & CLARK: East Helena	17-Sep-10	CEH
Rachiplusia ou photo documentation at residential lights by Bob Martin, 3888' elev.	LEWIS & CLARK: East Helena	02-Oct-10	CEH
Anagrapha falcifera photo documentation at residential lights by Bob Martin, 3888' elev.	LEWIS & CLARK: East Helena	14-Aug-10	CEH
Syngrapha epigaea photo documentation at residential lights by Bob Martin, 3888' elev.	LEWIS & CLARK: East Helena	13-Aug-10	CEH
Syngrapha viridisigma photo documentation at residential lights by Bob Martin, 3888' elev.	LEWIS & CLARK: East Helena	16-Sep-10	CEH
Plusia contexta photo documentation at residential lights by Bob Martin, 3888' elev.	LEWIS & CLARK: East Helena	14-Sep-10	CEH
Theresea augustipennis photo documentation at residential lights by Bob Martin, 3888' elev.	LEWIS & CLARK: East Helena	28-Jul-10	CEH
Panthea virginaria photo documentation at residential lights by Bob Martin, 3888' elev.	LEWIS & CLARK: East Helena	09-Jul-10	02-Aug-10 CEH
Acronicta americana photo documentation at residential lights by Bob Martin, 3888' elev.	LEWIS & CLARK: East Helena	20-Jul-10	CEH
Simyra insularis photo documentation at residential lights by Bob Martin, 3888' elev.	LEWIS & CLARK: East Helena	25-Jul-10	CEH
Adita chionanthi photo documentation at residential lights by Bob Martin, 3888' elev.	LEWIS & CLARK: East Helena	16-Sep-10	CEH
Sympistis poliochroa photo documentation at residential lights by Bob Martin, 3888' elev.	LEWIS & CLARK: East Helena	14-Aug-10	CEH
Pyrrhia exprimens photo documentation at residential lights by Bob Martin, 3888' elev., a State Record	LEWIS & CLARK: East Helena	10-Jul-10	CEH
Cryphia olivacea photo documentation at residential lights by Bob Martin, 3888' elev.	LEWIS & CLARK: East Helena	13-Sep-10	CEH
Acopa carina photo documentation at residential lights by Bob Martin, 3888' elev.	LEWIS & CLARK: East Helena	15-Sep-10	CEH

Caradrina meralis	LEWIS & CLARK: East Helena	27-Sep-10		CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.				
Caradrina morpheus	LEWIS & CLARK: East Helena	26-Jul-10		CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.				
Cosmia elisae	LEWIS & CLARK: East Helena	05-Sep-10		CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.				
Cosmia praeacuta	LEWIS & CLARK: East Helena	18-Aug-10		CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.				
Enargia infumata	LEWIS & CLARK: East Helena	29-Sep-10		CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.				
Apamea amputatrix	LEWIS & CLARK: East Helena	19-Jul-10		CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.				
Apamea auranticolor	LEWIS & CLARK: East Helena	27-Jul-10		CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.				
Apamea commoda	LEWIS & CLARK: East Helena	14-Sep-10		CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.				
Apamea inficita	LEWIS & CLARK: East Helena	29-Aug-10		CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.				
Apamea niveivenosa	LEWIS & CLARK: East Helena	28-Jul-10		CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.				
Apamea unita	LEWIS & CLARK: East Helena	05-Aug-10		CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.				
Xylena brucei	LEWIS & CLARK: East Helena	01-Oct-10		CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.				
Lithophane pexata	LEWIS & CLARK: East Helena	01-Oct-10		CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.				
Agrochola purpurea	LEWIS & CLARK: East Helena	27-Sep-10		CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.				
Andropolia contacta	LEWIS & CLARK: East Helena	20-Jul-10		CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.				
Ufeus satyricus	LEWIS & CLARK: East Helena	03-Oct-10		CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.				
Orthosia pacifica	LEWIS & CLARK: East Helena	02-Aug-10		CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.				
Orthosia transparens	LEWIS & CLARK: East Helena	25-Sep-10		CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.				
Egira rubrica	LEWIS & CLARK: East Helena	15-Aug-10		CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.				
Tholera americana	LEWIS & CLARK: East Helena	21-Aug-10		CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.				
Nephelodes minians	LEWIS & CLARK: East Helena	20-Aug-10	06-Sep-10	CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.				
Anarta trifolii	LEWIS & CLARK: East Helena	24-Aug-10		CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.				
Sideridis artesta	LEWIS & CLARK: East Helena	13-Jul-10		CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.				
Mamestra configurata	LEWIS & CLARK: East Helena	15-Jul-10	21-Jul-10	CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.				
Trichordestra lilacina	LEWIS & CLARK: East Helena	16-Jul-10		CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.				
Papestra cristifera	LEWIS & CLARK: East Helena	20-Jul-10		CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.				
Dargida procincta	Lewis & Clark: East Helena	02-Oct-10		CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.				
Mythimna unipuncta	LEWIS & CLARK: East Helena	02-Oct-10		CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.				
Leucania farcta	LEWIS & CLARK: East Helena	26-Jul-10		CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.				
Lacinipolia lorea	LEWIS & CLARK: East Helena	22-Aug-10		CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.				
Lacinipolia renigera	LEWIS & CLARK: East Helena	11-Jul-10		CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.				
Lacinipolia stricta	LEWIS & CLARK: East Helena	04-Sep-10		CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.				
Lacinipolia strigicollis	LEWIS & CLARK: East Helena	29-Aug-10		CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.				
Lacinipolia vittula	LEWIS & CLARK: East Helena	26-Jul-10		CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.				

Anhimella contrahens	LEWIS & CLARK: East Helena	22-Jul-10	CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.			
Peridroma saucia	LEWIS & CLARK: East Helena	08-Oct-10	CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.			
Actebia fennica	LEWIS & CLARK: East Helena	09-Sep-10	CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.			
Euxoa atomaris	LEWIS & CLARK: East Helena	19-Sep-10	CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.			
Euxoa declarata	LEWIS & CLARK: East Helena	25-Aug-10	CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.			
Euxoa flavidens	LEWIS & CLARK: East Helena	13-Sep-10	CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.			
Euxoa laetificans	LEWIS & CLARK: East Helena	31-Aug-10	CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.			
Euxoa lillooet	LEWIS & CLARK: East Helena	17-Jul-10	CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.			
Euxoa moerens	LEWIS & CLARK: East Helena	26-Aug-10	CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.			
Euxoa ochrogaster	LEWIS & CLARK: East Helena	02-Aug-10	CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.			
Euxoa olivia	LEWIS & CLARK: East Helena	18-Sep-10	CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.			
Euxoa pallipennis	LEWIS & CLARK: East Helena	24-Aug-10	CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.			
Euxoa plagigera	LEWIS & CLARK: East Helena	26-Jul-10	CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.			
Euxoa silens	LEWIS & CLARK: East Helena	27-Aug-10	CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.			
Feltia herilis	LEWIS & CLARK: East Helena	27-Jul-10	CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.			
Agrotis orthogonia	LEWIS & CLARK: East Helena	24-Aug-10	CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.			
Agrotis venerabilis	LEWIS & CLARK: East Helena	15-Sep-10	CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.			
Agrotis vetusta	LEWIS & CLARK: East Helena	21-Aug-10	CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.			
Spaelotis unicava	LEWIS & CLARK: East Helena	15-Jun-10	CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.			
Eurois occulta	LEWIS & CLARK: East Helena	08-Sep-10	CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.			
Agnorisma bugrai	LEWIS & CLARK: East Helena	09-Aug-10	CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.			
Setagrotis pallidicollis	LEWIS & CLARK: East Helena	26-Jul-10	CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.			
Setagrotis vocalis	LEWIS & CLARK: East Helena	14-Aug-10	CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.			
Parabagrotis exsertistigma	LEWIS & CLARK: East Helena	01-Aug-10	CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.			
Abagrotis alternata	LEWIS & CLARK: East Helena	21-Aug-10	CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.			
Abagrotis nefascia	LEWIS & CLARK: East Helena	16-Aug-10	CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.			
Abagrotis variata	LEWIS & CLARK: East Helena	26-Jul-20	CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.			
Sunira bicolorago	LEWIS & CLARK: East Helena	02-Oct-10	CEH
photo documentation at residencial lights by Bob Martin, 3888' elev.			

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## NEW MEXICO

Steve Cary reported one of the best collecting seasons for butterflies in the past decade. A wet winter meant good Spring and early Summer plant growth nearly statewide. An extended mild autumn contributed to some late records. New observers accounted for important finds including *P. catullus*, *P. carus*, *M. streckeri*, and *C. gorgone*, which were documented in locations where they should have recorded long ago. New records for *A. celtis* and *P. tharos*, normally not wanderers, suggest ongoing northward or upward expansion of breeding populations. Eric Metzler continues his surveys of White Sands National Monument and Carlsbad Canyon National Park. Many of his records, while posted as county records, may also represent state records. Only well documented taxa known to be new records for the state have been posted as state records.

Six contributors posted records for New Mexico, including records from 16 additional collectors and observers. 15 county records for butterflies were submitted, as well as 3 state records and 320 county records for moths.

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### Butterflies

#### HESPERIIDAE

<i>Polygonus leo</i>	GRANT: Mangas Springs Rt 180, 19 mi NW of Silver City	31-Aug-10	KR
<i>Polygonus leo</i> second record for the county	Catron: Glenwood Fish Hatchery,	31-Aug-10	KR
<i>Urbanus dorantes</i>	Hidalgo: Peloncillo Mtns., Guadalupe Cyn.,	21-Oct-10	KR
<i>Urbanus proteus</i>	Hidalgo: Peloncillo Mtns., Guadalupe Cyn.,	21-Oct-10	KR
<i>Pholisora catullus</i> reported by Jerry Friedman	RIO ARRIBA: Espanola,	13-Jul-10	SJC
<i>Heliopetes ericetorum</i>	GRANT: Mangas Springs Rt 180, 19 mi NW of Silver City	31-Aug-10	KR
<i>Adopaeoides prittwiti</i> second record for the county	Hidalgo: Animas Creek, 31 mi. S of Animas,	18-Jul-10	KR
<i>Hesperia colorado</i>	Catron: Rt. 180, 2-3 mi. S of Luna,	21-Sep-10	KR
<i>Hesperia pahaska</i>	Catron: Rt. 180, 2-3 mi. S of Luna,	21-Sep-10	KR
<i>Hesperia woodgatei</i>	Catron: Rt. 180, 2-3 mi. S of Luna,	21-Sep-10	KR
<i>Polites carus</i> reported by B. & A.J. Larranaga	SAN MIGUEL: Las Vegas NWR Headquarters,	16-May-10	SJC
<i>Megathymus streckeri</i> reported by Mike Stake	TAOS: base of Ute Mtn.,	04-Jun-05	SJC

#### PAPILIONIDAE

<i>Battus philenor</i> reported by Lawry Sager	SANTA FE: Cerrillos,	23-Aug-09	SJC
<i>Battus philenor</i> reported by Jonathan Batkin, confirms County Record	Santa Fe: La Cieneguilla,	01-Aug-10	SJC

#### LYCAENIDAE

<i>Lycaena cuprea</i> collected with Linda Delay, Early Record	Taos: Latir Peaks Wilderness,	10-Jul-10	SJC
<i>Satyrrium sylvinus</i> confirm County Record	Santa Fe: Rio Grande @ Ancho Cyn.,	03-Jul-10	SJC
<i>Callophrys augustinus</i> reported by Jane Rufkin	SAN MIGUEL: W of San Miguel, Canovas Cyn.,	25-Apr-10	SJC
<i>Callophrys polios</i> reported by Jane Rufkin, confirms County Record	San Miguel: W of San Miguel, Canovas Cyn.,	25-Apr-10	SJC
<i>Hypaurotis crysalus</i>	San Miguel: Tererro, State Road #63, Santa Fe Nat. Forest,	30-Jul-09	CCG

#### NYMPHALIDAE

<i>Libytheana carinenta</i>	Catron: Rt. 180, 2-3 mi. S of Luna,	21-Sep-10	KR
<i>Erebia epipsodea</i> confirm County Record	Colfax: Eagle Nest Lake State Park,	11-Jun-10	SJC
<i>Megisto rubricata</i> confirm County Record, West	San Miguel: Las Vegas NWR,	13-Jul-10	SJC
<i>Oeneis uhleri</i> collected with Linda Delay and John Pfeil, Late and High elevation	Taos: Latir Peak, 12,600' elev.,	10-Jul-10	SJC
<i>Agraulis vanillae</i>	SAN MIGUEL: W of San Miguel, Canovas Cyn.,	14-Jul-10	SJC
<i>Speyeria cybele</i> South, Low elevation, East Record	SAN MIGUEL: W of San Miguel, Canovas Cyn.,	14-Jul-10	SJC
<i>Speyeria hesperis capitanensis</i> Lincoln Nat. Forest,	Otero: Cloudcroft, Pine Camp Overflow, Forest Road #568	30-Jun-09	CCG
<i>Mestra amymone</i> reported by James Lofton	CURRY: SE corner of county,	28-Jun-10	SJC
<i>Asterocampa celtis</i> reported by Mark Bjorklund, North Record,	LOS ALAMOS: White Rock Cyn.,	13-Jun-10	SJC
<i>Polygonia satyrus</i> reported by Elaine Halbedel, Late Record, Gila NF, 6,500 elev.,	Grant: Bear Cyn., near Mimbres,	04-Dec-10	SJC
<i>Chlosyne gorgone</i> reported by James Lofton	CURRY: SE corner of county,	17-Sep-10	SJC
<i>Texola elada</i>	Catron: Glenwood Fish Hatchery,	31-Aug-10	KR

<i>Phyciodes tharos</i> reported by Jonathan Batkin	SANTA FE: La Cieneguilla,	01-Aug-10		SJC
<i>Phyciodes tharos</i> reported by Jonathan Batkin	TORRANCE: Quarai Nat. Monument,	26-Sep-10		SJC
<i>Anthanassa texana</i> North,	COLFAX: Sugarite Canyon State Park,	26-Jun-10		SJC
<b>Moths</b>				
<b>HEPIALIDAE</b>				
<i>Gazoryctra pulcher</i> Lincoln Nat. Forest, Identified as <i>Gazoryctra nr. Pulcher</i> .	OTERO: Cloudcroft, Pine Camp Overflow, Forest Road #568	30-Jun-09		CCG
<b>TINEIDAE</b>				
<i>Daviscardia coloradella</i> Lincoln Nat. Forest,	OTERO: Cloudcroft, Pine Camp Overflow, Forest Road #568	30-Jun-09		CCG
<i>Daviscardia coloradella</i> Santa Fe Nat. Forest,	SAN MIGUEL: 21 mi. N of Pecos on Hwy. #63, Jack Creek Camp,	29-Jul-09		CCG
<i>Dorata atomophora</i> entrance to Slaughter Canyon, trap placed in the arroyo	EDDY: Carlsbad Caverns National Park,	05-Sep-10		EHM
<b>GELECHIIDAE</b>				
<i>Aristotelia elegantella</i>	OTERO: White Sands National Monument,	17-Mar-10		EHM
<b>PLUTELLIDAE</b>				
<i>Ypsolopha dentiferella</i> Santa Fe Nat. Forest,	SAN MIGUEL: 21 mi. N of Pecos on Hwy. #63, Jack Creek Camp,	29-Jul-09		CCG
<b>YPONOMEUTIDAE</b>				
<i>Atteva pustulella</i>	EDDY: Carlsbad Caverns National Park,	05-Sep-10		EHM
<b>CRAMBIDAE</b>				
<i>Abegesta concha</i> Rattlesnake Springs,	EDDY: Carlsbad Caverns National Park,	10-Jul-10		EHM
<i>Abegesta reluctalis</i> near the boneyard	OTERO: White Sands National Monument,	14-Jul-10		EHM
<i>Diastictis fracturalis</i> Rattlesnake Springs,	EDDY: Carlsbad Caverns National Park,	10-Jul-10		EHM
<i>Diastictis sperryorum</i> near the boneyard	OTERO: White Sands National Monument,	17-May-10		EHM
<i>Evergestis rimosalis</i> Lincoln Nat. Forest,	OTERO: Cloudcroft, Pine Camp Overflow, Forest Road #568	30-Jun-09		CCG
<i>Frechinia laetalis</i> entrance to Slaughter Canyon, trap placed in the arroyo	EDDY: Carlsbad Caverns National Park,	05-Sep-10		EHM
<i>Hahncappsia pergivalis</i>	EDDY: Carlsbad Caverns National Park,	06-Aug-10		EHM
<i>Hahncappsia pergivalis</i> near the boneyard	OTERO: White Sands National Monument,	10-Aug-10		EHM
<i>Hellula aqualis</i>	EDDY: Carlsbad Caverns National Park,	10-Jul-10		EHM
<i>Hellula rogatalis</i> near the boneyard	OTERO: White Sands National Monument,	14-Sep-09	17-Oct-09	EHM
<i>Hileithia magualis</i>	EDDY: Carlsbad Caverns National Park,	26-Sep-09	09-Jun-09	EHM
<i>Hileithia rehamalis</i> entrance to Slaughter Canyon, trap placed in the arroyo	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
<i>Hymenia perspectalis</i> entrance to Slaughter Canyon, trap placed in the arroyo	EDDY: Carlsbad Caverns National Park,	26-Sep-09		EHM
<i>Hymenia perspectalis</i>	OTERO: White Sands National Monument,	26-Sep-09		EHM
<i>Jativa castanealis</i> entrance to Slaughter Canyon, trap placed in the arroyo	EDDY: Carlsbad Caverns National Park,	06-Aug-10		EHM
<i>Jativa castanealis</i> near the boneyard	OTERO: White Sands National Monument,	12-Sep-10		EHM
<i>Loxostege albiceralis</i>	EDDY: Carlsbad Caverns National Park,	09-Jun-09	26-Sep-09	EHM
<i>Loxostege allectalis</i> entrance to Slaughter Canyon, trap placed in the arroyo	EDDY: Carlsbad Caverns National Park,	26-Sep-09		EHM
<i>Loxostege cereralis</i> near the boneyard	OTERO: White Sands National Monument,	14-Sep-09		EHM
<i>Loxostege egregialis</i> near the boneyard	OTERO: White Sands National Monument,	12-Sep-10		EHM
<i>Lygropia octonalis</i> intersection dune and interdunal vegetation	OTERO: White Sands National Monument,	23-Apr-09		EHM
<i>Lygropia octonalis</i> Rattlesnake Springs,	EDDY: Carlsbad Caverns National Park,	10-Jul-10		EHM
<i>Mimoschinia rufofascialis</i>	EDDY: Carlsbad Caverns National Park,	10-Jul-10		EHM
<i>Mojavia achemonalis</i>	OTERO: White Sands National Monument,	25-Aug-09		EHM
<i>Nephrogramma separata</i>	OTERO: White Sands National Monument,	10-Aug-10		EHM
<i>Pyrausta flavibrunea</i>	EDDY: Carlsbad Caverns National Park,	06-Aug-10		EHM



<i>Pyrausta pseudonythesalis</i>	EDDY: Carlsbad Caverns National Park,	06-Aug-10		EHM
<i>Pyrausta pseudonythesalis</i> entrance to Slaughter Canyon, trap placed in the arroyo	EDDY: Carlsbad Caverns National Park,	05-Sep-10		EHM
<i>Pyrausta tyralis</i>	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
<i>Pyrausta tyralis</i>	OTERO: White Sands National Monument,	14-Sep-09		EHM
<i>Spoladea recurvalis</i> intersection dune and interdunal vegetation	OTERO: White Sands National Monument,	17-Oct-09		EHM
<i>Spoladea recurvalis</i> entrance to Slaughter Canyon, trap placed in the arroyo	EDDY: Carlsbad Caverns National Park,	12-Nov-09		EHM
<i>Stegea salutalis</i> intersection dune and interdunal vegetation	OTERO: White Sands National Monument,	14-Sep-09		EHM
<i>Synclita oblitteralis</i>	EDDY: Carlsbad Caverns National Park,	26-Sep-09		EHM
<i>Uresiphita reversalis</i> vegetation nearby	OTERO: White Sands National Monument,	10-Aug-10		EHM
<b>PYRALIDAE</b>				
<i>Aglossa caprealis</i> intersection dune and interdunal vegetation	OTERO: White Sands National Monument,	19-May-09		EHM
<i>Anemosella obliquata</i>	EDDY: Carlsbad Caverns National Park,	06-Aug-10		EHM
<i>Galleria mellonella</i> near the boneyard	OTERO: White Sands National Monument,	12-Sep-10		EHM
<b>MEGALOPYGIDAE</b>				
<i>Lagoa lacyi</i>	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
<b>COSSIDAE</b>				
<i>Inguromorpha itzalana</i> entrance to Slaughter Canyon, trap placed in the arroyo	EDDY: Carlsbad Caverns National Park,	10-Jul-10	06-Aug-10	EHM
<b>LIMACODIDAE</b>				
<i>Euclea incisa</i>	EDDY: Carlsbad Caverns National Park,	10-Jul-10	06-Aug-10	EHM
<b>TORTRICIDAE</b>				
<i>Apotomis removana</i> Lincoln Nat. Forest,	OTERO: Cloudcroft, Pine Camp Overflow, Forest Road #568	30-Jun-09		CCG
<i>Hedya ochroleucana</i> Santa Fe Nat. Forest,	SAN MIGUEL: 21 mi. N of Pecos on Hwy. #63, Jack Creek Camp,	29-Jul-09		CCG
<i>Phaneta bucephaloides</i> near the boneyard	OTERO: White Sands National Monument,	14-Sep-09		EHM
<i>Phaneta columbiana</i>	OTERO: White Sands National Monument,	06-Apr-09		EHM
<i>Phaneta granulata</i> intersection dune and interdunal vegetation	OTERO: White Sands National Monument,	14-Sep-09		EHM
<i>Phaneta granulata</i> near the boneyard	OTERO: White Sands National Monument,	14-Sep-09		EHM
<i>Phaneta indagatricana</i> near the boneyard	OTERO: White Sands National Monument,	20-Jun-09		EHM
<i>Eucosma bolanderana</i> intersection dune and interdunal vegetation	OTERO: White Sands National Monument,	20-Jun-09	15-Jul-09	EHM
<i>Eucosma canariana</i> near the boneyard	OTERO: White Sands National Monument,	15-Jul-09	12-Sep-10	EHM
<i>Eucosma graziella</i> entrance to Slaughter Canyon, trap placed in the arroyo	EDDY: Carlsbad Caverns National Park,	26-Sep-09		EHM
<i>Eucosma matutina</i>	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
<i>Eucosma persolita</i> entrance to Slaughter Canyon, trap placed in the arroyo	EDDY: Carlsbad Caverns National Park,	26-Sep-09		EHM
<i>Eucosma ridingsana</i> near the boneyard	OTERO: White Sands National Monument,	25-Aug-09	14-Sep-09	EHM
<i>Pelochrista collilonga</i>	OTERO: White Sands National Monument,	14-Sep-09		EHM
<i>Pelochrista metariana</i>	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
<i>Suleima baracana</i> intersection dune and interdunal vegetation	OTERO: White Sands National Monument,	20-Jun-09	25-Aug-09	EHM
<i>Sonia vovana</i> near the boneyard	OTERO: White Sands National Monument,	15-Jul-09	14-Sep-09	EHM
<i>Cydia latiferreanus</i> entrance to Slaughter Canyon, trap placed in the arroyo	EDDY: Carlsbad Caverns National Park,	26-Sep-09		EHM
<i>Acroplectis haemanthes</i>	OTERO: White Sands National Monument,	23-Apr-09		EHM
<i>Ptycholoma peritana</i> intersection dune and interdunal vegetation	OTERO: White Sands National Monument,	23-Apr-09		EHM
<i>Cochylis caulocatax</i>	OTERO: White Sands National Monument,	17-May-10	11-Jun-10	EHM
<b>GEOMETRIDAE</b>				
<i>Macarix deceptrix</i> near the boneyard	OTERO: White Sands National Monument,	12-Sep-10		EHM

<i>Macaria decorata</i> near the boneyard	OTERO: White Sands National Monument,	19-May-09	EHM
<i>Macaria metanemaria</i>	OTERO: White Sands National Monument,	20-Jun-09	EHM
<i>Enconista dislocaria</i> entrance to Slaughter Canyon, trap	EDDY: Carlsbad Caverns National Park, placed in the arroyo	09-Jun-09	EHM
<i>Narraga fimetaria</i> near the boneyard	OTERO: White Sands National Monument,	17-May-10	EHM
<i>Galenara glaucaria</i> Lincoln Nat. Forest,	OTERO: Cloudcroft, Pine Camp Overflow, Forest Road #568	30-Jun-09	CCG
<i>Galenara glaucaria</i> Lincoln Nat. Forest,	OTERO: Cloudcroft, Pine Camp Overflow, Forest Road #568	30-Jun-09	EHM
<i>Ixala desperaria</i> Santa Fe Nat. Forest,	SAN MIGUEL: 21 mi. N of Pecos on Hwy. #63, Jack Creek Camp,	29-Jul-09	CCG
<i>Ixala desperaria</i> Santa Fe Nat. Forest,	SAN MIGUEL: 21 mi. N of Pecos on Hwy. #63, Jack Creek Camp,	29-Jul-09	EHM
<i>Chloraspilates bicoloraria</i>	EDDY: Carlsbad Caverns National Park,	06-Aug-10	EHM
<i>Pero modesta</i>	EDDY: Carlsbad Caverns National Park,	10-Jul-10	EHM
<i>Nacophora mexicanaria</i> Lincoln Nat. Forest,	OTERO: Cloudcroft, Pine Camp Overflow, Forest Road #568	30-Jun-09	CCG
<i>Eriplatymetra grottearia</i> entrance to Slaughter Canyon, trap	EDDY: Carlsbad Caverns National Park, placed in the arroyo	26-Sep-09	EHM
<i>Caripeta suffusata</i> Lincoln Nat. Forest,	OTERO: Cloudcroft, Pine Camp Overflow, Forest Road #568	30-Jun-09	CCG
<i>Eucaterva bonniwelli</i>	OTERO: White Sands National Monument,	20-Jun-09	EHM
<i>Sabulodes niveostriata</i> Santa Fe Nat. Forest,	SAN MIGUEL: 21 mi. N of Pecos on Hwy. #63, Jack Creek Camp,	29-Jul-09	CCG
<i>Idaea eremiata</i> intersection dune and interdunal vegetation	OTERO: White Sands National Monument,	23-Apr-09	EHM
<i>Semaeopus ella</i>	OTERO: White Sands National Monument,	26-Sep-09	EHM
<i>Hydriomena cyriadoides</i> Lincoln Nat. Forest,	OTERO: Cloudcroft, Pine Camp Overflow, Forest Road #568	30-Jun-09	CCG
<i>Hydriomena cyriadoides</i> Lincoln Nat. Forest,	OTERO: Cloudcroft, Pine Camp Overflow, Forest Road #568	30-Jun-09	EHM
<i>Archirhoe neomexicana</i>	EDDY: Carlsbad Caverns National Park,	26-Sep-09	EHM
<i>Mesoleuca ruficillata</i> Lincoln Nat. Forest,	OTERO: Cloudcroft, Pine Camp Overflow, Forest Road #568	30-Jun-09	CCG
<i>Psamatodes pallidata</i> intersection dune and interdunal vegetation	OTERO: White Sands National Monument,	19-May-09	EHM
<b>LASIOCAMPIDAE</b>			
<i>Malacosoma californicum</i> Lincoln Nat. Forest,	OTERO: Cloudcroft, Pine Camp Overflow, Forest Road #568	30-Jun-09	CCG
<i>Malacosoma californicum</i> Santa Fe Nat. Forest,	SAN MIGUEL: 21 mi. N of Pecos on Hwy. #63, Jack Creek Camp,	29-Jul-09	CCG
<b>SPHINGIDAE</b>			
<i>Sagenosoma elsa</i> near the boneyard	OTERO: White Sands National Monument,	25-Jul-09	EHM
<i>Sphinx vashti</i> Lincoln Nat. Forest,	OTERO: Cloudcroft, Pine Camp Overflow, Forest Road #568	30-Jun-09	CCG
<i>Lintneria separatus</i>	EDDY: Carlsbad Caverns National Park,	06-Aug-10	EHM
<b>NOTODONTIDAE</b>			
<i>Hyperaeschra tortuosa</i> entrance to Slaughter Canyon, trap	EDDY: Carlsbad Caverns National Park, placed in the arroyo	10-Jul-10	06-Aug-10 EHM
<i>Datana perspicua</i>	OTERO: White Sands National Monument,	17-May-10	EHM
<i>Nadata gibbosa</i> Lincoln Nat. Forest,	OTERO: Cloudcroft, Pine Camp Overflow, Forest Road #568	30-Jun-09	CCG
<i>Heterocampa incongrua</i> Santa Fe Nat. Forest,	SAN MIGUEL: 21 mi. N of Pecos on Hwy. #63, Jack Creek Camp,	29-Jul-09	CCG
<i>Heterocampa lunata</i> Lincoln Nat. Forest,	OTERO: Cloudcroft, Pine Camp Overflow, Forest Road #568	30-Jun-09	CCG
<i>Schizura biedermanni</i> entrance to Slaughter Canyon, trap	EDDY: Carlsbad Caverns National Park, placed in the arroyo	06-Aug-10	EHM
<i>Hyparpax aurostriata</i> entrance to Slaughter Canyon, trap	EDDY: Carlsbad Caverns National Park, placed in the arroyo	06-Aug-10	EHM
<i>Hippia packardii</i> Rattlesnake Springs,	EDDY: Carlsbad Caverns National Park,	05-Sep-10	EHM
<i>Pentobesa seriata</i> Lincoln Nat. Forest,	OTERO: Cloudcroft, Pine Camp Overflow, Forest Road #568	30-Jun-09	CCG
<b>ARCTIIDAE</b>			

<i>Eudesmia arida</i>	EDDY: Carlsbad Caverns National Park,	06-Aug-10	EHM
<i>Eudesmia arida</i>	OTERO: White Sands National Monument,	10-Aug-10	EHM
<i>Cisthene perrosea</i>	OTERO: White Sands National Monument,	19-May-09	EHM
<i>Cisthene perrosea</i> entrance to Slaughter Canyon, trap	EDDY: Carlsbad Caverns National Park, placed in the arroyo	26-Sep-09	EHM
<i>Cisthene tenuifascia</i> Rattlesnake Springs,	EDDY: Carlsbad Caverns National Park,	09-Jun-09	26-Sep-09 EHM
<i>Cisthene tenuifascia</i>	OTERO: White Sands National Monument,	15-Jul-09	14-Sep-09 EHM
<i>Hyphantria cunea</i> Rattlesnake Springs,	EDDY: Carlsbad Caverns National Park,	06-Aug-10	EHM
<i>Hypercompe permaculata</i> Lincoln Nat. Forest,	Otero: Cloudcroft, Pine Camp Overflow, Forest Road #568	30-Jun-09	CCG
<i>Hypercompe permaculata</i> Santa Fe Nat. Forest,	SAN MIGUEL: 21 mi. N of Pecos on Hwy. #63, Jack Creek Camp,	29-Jul-09	CCG
<i>Cycnia nivalis</i> Rattlesnake Springs,	EDDY: Carlsbad Caverns National Park,	10-Jul-10	06-Aug-10 EHM
<i>Pygarcia neomexicana</i> Rattlesnake Springs,	EDDY: Carlsbad Caverns National Park,	09-Jun-09	EHM
<i>Pygarcia pterygostigma</i> Rattlesnake Springs,	EDDY: Carlsbad Caverns National Park,	09-Jun-09	EHM
<i>Lophocampa ingens</i> Forest Road #568,	OTERO: Lincoln N.F., Cloudcroft, Pine Camp Overflow	30-Jun-09	CCG
<i>Hemihyalea labecula</i> Lincoln Nat. Forest,	OTERO: Cloudcroft, Pine Camp Overflow, Forest Road #568	30-Jun-09	CCG
<i>Gnophaela vermiculata</i> Santa Fe Nat. Forest,	SAN MIGUEL: 21 mi. N of Pecos on Hwy. #63, Jack Creek Camp,	29-Jul-09	CCG
<i>Horama panthalon</i> Rattlesnake Springs,	EDDY: Carlsbad Caverns National Park,	06-Aug-10	EHM
<b>NOCTUIDAE</b>			
<i>Meganola conspicua</i> Santa Fe Nat. Forest,	SAN MIGUEL: 21 mi. N of Pecos on Hwy. #63, Jack Creek Camp,	29-Jul-09	CCG
<i>Characoma nilotica</i>	EDDY: Carlsbad Caverns National Park,	10-Jul-10	EHM
<i>Metalectra edilis</i> vegetation nearby	OTERO: White Sands National Monument,	14-Jul-10	EHM
<i>Metalectra edilis</i> entrance to Slaughter Canyon, trap	EDDY: Carlsbad Caverns National Park, placed in the arroyo	06-Aug-10	EHM
<i>Metalectra edilis</i> Rattlesnake Springs,	EDDY: Carlsbad Caverns National Park,	06-Aug-10	EHM
<i>Metalectra miserulata</i> entrance to Slaughter Canyon, trap	EDDY: Carlsbad Caverns National Park, placed in the arroyo	26-Sep-09	EHM
<i>Hypena scabra</i> Rattlesnake Springs,	EDDY: Carlsbad Caverns National Park,	26-Sep-09	EHM
<i>Hypena scabra</i>	OTERO: White Sands National Monument,	12-Sep-10	EHM
<i>Phytometra apicata</i>	EDDY: Carlsbad Caverns National Park,	09-Jun-09	EHM
<i>Phytometra apicata</i> entrance to Slaughter Canyon, trap	EDDY: Carlsbad Caverns National Park, placed in the arroyo	26-Sep-09	EHM
<i>Ascalapha odorata</i> photo documentation by Karen Herzenburg	Bernalillo: Albuquerque, Rio Grande Nature Center State Park,	23-Jun-10	MAQ
<i>Ascalapha odorata</i> photo documentation by Margaret Michael	Bernalillo: Albuquerque,	25-Jun-10	MAQ
<i>Plusiodonta compressipalpis</i> Rattlesnake Springs,	EDDY: Carlsbad Caverns National Park,	10-Jul-10	EHM
<i>Lygephila victoria</i> Lincoln Nat. Forest,	OTERO: Cloudcroft, Pine Camp Overflow, Forest Road #568	30-Jun-09	CCG
<i>Lygephila victoria</i> Santa Fe Nat. Forest,	SAN MIGUEL: 21 mi. N of Pecos on Hwy. #63, Jack Creek Camp,	29-Jul-09	CCG
<i>Litocala sexsignata</i> reported by Bill Dempwolf	Bernalillo: Sandia Mtns., La Cueva picnic area,	17-Mar-10	CEH
<i>Melipotis acontioides</i> near the boneyard	OTERO: White Sands National Monument,	14-Sep-09	EHM
<i>Forsebia perlaeta</i> near the boneyard	OTERO: White Sands National Monument,	19-May-09	EHM
<i>Euclidia intercalaris</i> entrance to Slaughter Canyon, trap	EDDY: Carlsbad Caverns National Park, placed in the arroyo	06-Aug-10	EHM
<i>Euclidia triangula</i>	EDDY: Carlsbad Caverns National Park,	26-Sep-09	EHM
<i>Mocis latipes</i>	EDDY: Carlsbad Caverns National Park,	06-Aug-10	EHM
<i>Mocis latipes</i> near the boneyard	OTERO: White Sands National Monument,	04-Oct-10	EHM
<i>Toxonprucha crudelis</i>	EDDY: Carlsbad Caverns National Park,	26-Sep-09	EHM

Toxonprucha volucris	EDDY: Carlsbad Caverns National Park,	26-Sep-09		EHM
entrance to Slaughter Canyon, trap	placed in the arroyo			
Zaleops paresa	EDDY: Carlsbad Caverns National Park,	10-Jul-10		EHM
entrance to Slaughter Canyon, trap	placed in the arroyo			
Zaleops umbrina	OTERO: White Sands National Monument,	15-Jul-09		EHM
Zaleops umbrina	EDDY: Carlsbad Caverns National Park,	06-Aug-10		EHM
Matigramma emmitla	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
entrance to Slaughter Canyon, trap	placed in the arroyo			
Matigramma emmitla	OTERO: White Sands National Monument,	20-Jun-09		EHM
Matigramma inopinata	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
entrance to Slaughter Canyon, trap	placed in the arroyo			
Matigramma rubrosuffusa	EDDY: Carlsbad Caverns National Park,	09-Jun-09	26-Sep-09	EHM
entrance to Slaughter Canyon, trap	placed in the arroyo			
Matigramma rubrosuffusa	OTERO: White Sands National Monument,	20-Jun-09	15-Jul-09	EHM
Marathyssa inficita minus	EDDY: Carlsbad Caverns National Park,	10-Jul-10		EHM
entrance to Slaughter Canyon, trap	placed in the arroyo			
Paectes abrostolella	EDDY: Carlsbad Caverns National Park,	10-Jul-10	06-Aug-10	EHM
Abrostola microvalis	EDDY: Carlsbad Caverns National Park,	26-Sep-09		EHM
entrance to Slaughter Canyon, trap	placed in the arroyo			
Trichoplusia ni	OTERO: White Sands National Monument,	17-May-10		EHM
Trichoplusia ni	EDDY: Carlsbad Caverns National Park,	05-Sep-10		EHM
Megalographa biloba	EDDY: Carlsbad Caverns National Park,	09-Jul-09		EHM
entrance to Slaughter Canyon, trap	placed in the arroyo			
Autographa californica	EDDY: Carlsbad Caverns National Park,	14-Jun-10		EHM
Autographa californica	OTERO: White Sands National Monument,	12-Sep-10		EHM
near the boneyard				
Syngnapha angulidens	SAN MIGUEL: 21 mi. N of Pecos on Hwy. #63, Jack Creek Camp,	29-Jul-09		CCG
Santa Fe Nat. Forest,				
Tripudia luxuriosa	OTERO: White Sands National Monument,	14-Sep-09		EHM
intersection dune and interdunal vegetation				
Tripudia luxuriosa	EDDY: Carlsbad Caverns National Park,	10-Jul-10		EHM
Tripudia quadrifera	EDDY: Carlsbad Caverns National Park,	10-Jul-10		EHM
Cobubatha dividua	EDDY: Carlsbad Caverns National Park,	06-Aug-10		EHM
Ozarba propera	OTERO: White Sands National Monument,	20-Jun-09		EHM
Ozarba propera	EDDY: Carlsbad Caverns National Park,	06-Aug-10		EHM
Lithacodia phya	EDDY: Carlsbad Caverns National Park,	26-Sep-09		EHM
entrance to Slaughter Canyon, trap	placed in the arroyo			
Amyna octo	OTERO: White Sands National Monument,	17-Oct-09		EHM
intersection dune and interdunal vegetation				
Aleptina inca	OTERO: White Sands National Monument,	17-May-10	14-Jul-10	EHM
near the boneyard				
Aleptina inca	EDDY: Carlsbad Caverns National Park,	10-Jul-10		EHM
Rattlesnake Springs,				
Bagisara oula	EDDY: Carlsbad Caverns National Park,	26-Sep-09		EHM
Tarachidia clausula	OTERO: White Sands National Monument,	29-Jun-09		EHM
intersection dune and interdunal vegetation				
Tarachidia clausula	EDDY: Carlsbad Caverns National Park,	10-Jul-10		EHM
Tarachidia cuta	OTERO: White Sands National Monument,	17-May-10	14-Jul-10	EHM
Tarachidia nannodes	EDDY: Carlsbad Caverns National Park,	26-Sep-09		EHM
entrance to Slaughter Canyon, trap	placed in the arroyo			
Tarachidia phecolisca	EDDY: Carlsbad Caverns National Park,	26-Sep-09		EHM
entrance to Slaughter Canyon, trap	placed in the arroyo			
Tarache toddi	OTERO: White Sands National Monument,	23-Apr-09	10-Aug-10	EHM
Tarachidia tortricina	EDDY: Carlsbad Caverns National Park,	10-Jul-10		EHM
Tarachidia venustula	OTERO: White Sands National Monument,	14-Jul-10		EHM
vegetation nearby				
Spragueia funeralis	EDDY: Carlsbad Caverns National Park,	06-Aug-10		EHM
Spragueia funeralis	EDDY: Carlsbad Caverns National Park,	05-Sep-10		EHM
entrance to Slaughter Canyon, trap	placed in the arroyo			
Spragueia funeralis	OTERO: White Sands National Monument,	12-Sep-10		EHM
Acontia cretata	EDDY: Carlsbad Caverns National Park,	10-Jul-10		EHM
Acontia expolita	EDDY: Carlsbad Caverns National Park,	10-Jul-10		EHM
Acontia geminocula	EDDY: Carlsbad Caverns National Park,	26-Sep-09		EHM
entrance to Slaughter Canyon, trap	placed in the arroyo			
Acontia lanceolata	EDDY: Carlsbad Caverns National Park,	26-Sep-09		EHM
Panthea greyi	OTERO: Cloudcroft, Pine Camp Overflow, Forest Road #568	30-Jun-09		CCG
Lincoln Nat. Forest,				

<i>Acronicta brumosa liturata</i>	EDDY: Carlsbad Caverns National Park, entrance to Slaughter Canyon, trap placed in the arroyo	10-Jul-10		EHM
<i>Emariannia cucullidea</i>	EDDY: Carlsbad Caverns National Park, Rattlesnake Springs,	10-Jul-10		EHM
<i>Emariannia cucullidea</i>	EDDY: Carlsbad Caverns National Park, Rattlesnake Springs,	06-Aug-10		EHM
<i>Copanarta aurea</i>	EDDY: Carlsbad Caverns National Park,	10-Jul-10		EHM
<i>Ruacodes tela</i>	EDDY: Carlsbad Caverns National Park, Rattlesnake Springs,	06-Aug-10		EHM
<i>Lythroides venatus</i>	EDDY: Carlsbad Caverns National Park, entrance to Slaughter Canyon, trap placed in the arroyo	05-Sep-10		EHM
<i>Oxycnemis acuna</i>	EDDY: Carlsbad Caverns National Park,	06-Aug-10	05-Sep-10	EHM
<i>Oxycnemis acuna</i>	EDDY: Carlsbad Caverns National Park, Rattlesnake Springs,	06-Aug-10		EHM
<i>Oxycnemis acuna</i>	OTERO: White Sands National Monument, near the boneyard	12-Sep-10		EHM
<i>Plagiomimicus manti</i>	EDDY: Carlsbad Caverns National Park, Rattlesnake Springs,	05-Sep-10		EHM
<i>Plagiomimicus navia</i>	EDDY: Carlsbad Caverns National Park, Rattlesnake Springs,	10-Jul-10		EHM
<i>Plagiomimicus spumosum</i>	EDDY: Carlsbad Caverns National Park, Rattlesnake Springs,	06-Aug-10		EHM
<i>Plagiomimicus tepperi</i>	EDDY: Carlsbad Caverns National Park, entrance to Slaughter Canyon, trap placed in the arroyo	05-Sep-10		EHM
<i>Plagiomimicus tepperi</i>	OTERO: White Sands National Monument, near the boneyard	12-Sep-10		EHM
<i>Plagiomimicus triplagiatus</i>	OTERO: White Sands National Monument, near the boneyard	12-Sep-10		EHM
<i>Basilodes chrysopsis</i>	OTERO: White Sands National Monument,	14-Sep-09		EHM
<i>Basilodes chrysopsis</i>	EDDY: Carlsbad Caverns National Park, Rattlesnake Springs,	06-Aug-10		EHM
<i>Eulithosia discistriga</i>	EDDY: Carlsbad Caverns National Park,	06-Aug-10		EHM
<i>Stiria blanchardi</i>	EDDY: Carlsbad Caverns National Park, Rattlesnake Springs,	06-Aug-10		EHM
<i>Stiria blanchardi</i>	EDDY: Carlsbad Caverns National Park, entrance to Slaughter Canyon, trap placed in the arroyo	06-Aug-10		EHM
<i>Stiria intermixta</i>	EDDY: Carlsbad Caverns National Park, Rattlesnake Springs,	06-Aug-10		EHM
<i>Chalcopasta fulgens</i>	EDDY: Carlsbad Caverns National Park,	06-Aug-10	05-Sep-10	EHM
<i>Chalcopasta howardi</i>	EDDY: Carlsbad Caverns National Park, entrance to Slaughter Canyon, trap placed in the arroyo	06-Aug-10	05-Sep-10	EHM
<i>Neogrotella confusa</i>	OTERO: White Sands National Monument, near the boneyard	15-Jul-09		EHM
<i>Azenia implora</i>	EDDY: Carlsbad Caverns National Park, Rattlesnake Springs,	06-Aug-10		EHM
<i>Aleptinoides ochrea</i>	EDDY: Carlsbad Caverns National Park, Rattlesnake Springs,	10-Jul-10		EHM
<i>Chamaeclea pernana</i>	EDDY: Carlsbad Caverns National Park,	06-Aug-10		EHM
<i>Erythroecia suavis</i>	EDDY: Carlsbad Caverns National Park, Rattlesnake Springs,	05-Sep-10		EHM
<i>Erythroecia suavis</i>	Eddy: Carlsbad Caverns National Park, entrance to Slaughter Canyon, trap placed in the arroyo	05-Sep-10		EHM
<i>Heliothis virescens</i>	OTERO: White Sands National Monument,	12-Sep-10		EHM
<i>Heliocheilus paradoxus</i>	EDDY: Carlsbad Caverns National Park, Rattlesnake Springs,	10-Jul-10		EHM
<i>Heliocheilus toralis</i>	EDDY: Carlsbad Caverns National Park, Rattlesnake Springs,	05-Sep-10	06-Aug-10	EHM
<i>Schinia citrinella</i>	Eddy: Carlsbad Caverns N.P., Rattlesnake Springs	06-Aug-10		EHM
<i>Schinia hulstia</i>	Eddy: Carlsbad Caverns N.P., Rattlesnake Springs	05-Sep-10		EHM
<i>Schinia hulstia</i>	Eddy: Carlsbad Caverns National Park, entrance to Slaughter Canyon, trap placed in the arroyo	05-Sep-10		EHM
<i>Schinia intrabilis</i>	OTERO: White Sands National Monument, Admin. Bldg. taken at lights, a State Record	14-May-09		GSF
<i>Schinia luxa</i>	SANTA FE: Santa Fe, photo documentation by William Geoghegan	20-Jul-10		CEH
<i>Schinia luxa</i>	EDDY: Carlsbad Caverns National Park, Rattlesnake Springs,	06-Aug-10		EHM
<i>Schinia niveicosta</i>	OTERO: White Sands National Monument, near the boneyard, a State Record	10-Aug-10	12-Sep-10	EHM

<i>Schinia reniformis</i> near the boneyard	Otero: White Sands National Monument,	12-Sep-10		EHM
<i>Schinia rivulosa</i> entrance to Slaughter Canyon, trap	EDDY: Carlsbad Caverns National Park, placed in the arroyo, a State Record	05-Sep-10		EHM
<i>Schinia septentrionalis</i> vegetation nearby	OTERO: White Sands National Monument,	12-Sep-10		EHM
<i>Schinia villosa</i> collected with J. Louderman on Erigeron,	San Miguel: 21 mi. N of Pecos on Hwy. 63, Jack's Cr. Cmpgd., Santa Fe National Forest	29-Jul-09	30-Jul-09	CCG
<i>Schinia walsinghami</i> near the boneyard	OTERO: White Sands National Monument,	12-Sep-10		EHM
<i>Draudtia egestis</i> entrance to Slaughter Canyon, trap	EDDY: Carlsbad Caverns National Park, placed in the arroyo	09-Jun-09		EHM
<i>Draudtia egestis</i>	OTERO: White Sands National Monument,	14-Jul-10		EHM
<i>Ogdoconta cinereola</i> Rattlesnake Springs,	EDDY: Carlsbad Caverns National Park,	10-Jul-10		EHM
<i>Micrathetis costiplaga</i> entrance to Slaughter Canyon, trap	EDDY: Carlsbad Caverns National Park, placed in the arroyo	06-Aug-10		EHM
<i>Crambodes talidiformis</i> Rattlesnake Springs,	EDDY: Carlsbad Caverns National Park,	06-Aug-10		EHM
<i>Callopietria floridensis</i> Rattlesnake Springs,	EDDY: Carlsbad Caverns National Park,	10-Jul-10		EHM
<i>Acopa perpallida</i> entrance to Slaughter Canyon, trap	EDDY: Carlsbad Caverns National Park, placed in the arroyo	26-Sep-09		EHM
<i>Spodoptera ornithogalli</i> Rattlesnake Springs,	EDDY: Carlsbad Caverns National Park,	09-Jun-09	06-Aug-10	EHM
<i>Bryolymnia viridimedia</i> Lincoln Nat. Forest,	OTERO: Cloudcroft, Pine Camp Overflow, Forest Road #568	30-Jun-09		CCG
<i>Galgula partita</i> Rattlesnake Springs,	EDDY: Carlsbad Caverns National Park,	06-Aug-10	05-Sep-10	EHM
<i>Caradrina montana</i>	OTERO: White Sands National Monument,	17-May-10		EHM
<i>Proxenus miranda</i> Rattlesnake Springs,	EDDY: Carlsbad Caverns National Park,	06-Aug-10		EHM
<i>Dypterygia patina</i>	EDDY: Carlsbad Caverns National Park,	06-Aug-10		EHM
<i>Pseudanarta crocea</i>	OTERO: White Sands National Monument,	17-Oct-09		EHM
<i>Pseudanarta exasperata</i>	EDDY: Carlsbad Caverns National Park,	26-Sep-09		EHM
<i>Pseudanarta singula</i> Rattlesnake Springs,	EDDY: Carlsbad Caverns National Park,	26-Sep-09		EHM
<i>Homoanarta falcata</i> near the boneyard	OTERO: White Sands National Monument,	04-Oct-10		EHM
<i>Magusa divaricata</i> Rattlesnake Springs,	EDDY: Carlsbad Caverns National Park,	12-Nov-09		EHM
<i>Apamea atosuffusa</i> Lincoln Nat. Forest,	OTERO: Cloudcroft, Pine Camp Overflow, Forest Road #568	30-Jun-09		CCG
<i>Apamea atosuffusa</i> Santa Fe Nat. Forest,	SAN MIGUEL: 21 mi. N of Pecos on Hwy. #63, Jack Creek Camp,	29-Jul-09		CCG
<i>Mesogona olivata</i> Lincoln Nat. Forest,	OTERO: Cloudcroft, Pine Camp Overflow, Forest Road #568	30-Jun-09		CCG
<i>Nephelodes minians</i> Santa Fe Nat. Forest,	SAN MIGUEL: 21 mi. N of Pecos on Hwy. #63, Jack Creek Camp,	29-Jul-09		CCG
<i>Trichocosmia inornata</i>	OTERO: White Sands National Monument,	14-Jul-10		EHM
<i>Anarta mutata</i>	EDDY: Carlsbad Caverns National Park,	06-Aug-10		EHM
<i>Polia purpurissata</i> Santa Fe Nat. Forest,	SAN MIGUEL: 21 mi. N of Pecos on Hwy. #63, Jack Creek Camp,	29-Jul-09		CCG
<i>Trichordestra prodeniformis</i> entrance to Slaughter Canyon, trap	EDDY: Carlsbad Caverns National Park, placed in the arroyo	06-Aug-10		EHM
<i>Faronta rubripennis</i> Rattlesnake Springs,	EDDY: Carlsbad Caverns National Park,	10-Jul-10		EHM
<i>Dargida procincta</i> Lincoln Nat. Forest,	OTERO: Cloudcroft, Pine Camp Overflow, Forest Road #568	30-Jun-09		CCG
<i>Mythimna unipuncta</i> Rattlesnake Springs,	EDDY: Carlsbad Caverns National Park,	10-Jul-10		EHM
<i>Lacinipolia incurva</i> entrance to Slaughter Canyon, trap	EDDY: Carlsbad Caverns National Park, placed in the arroyo	05-Sep-10		EHM
<i>Lacinipolia strigicollis</i>	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
<i>Protorthodes incincta</i> Santa Fe Nat. Forest,	SAN MIGUEL: 21 mi. N of Pecos on Hwy. #63, Jack Creek Camp,	29-Jul-09		CCG
<i>Protorthodes incincta</i> Rattlesnake Springs,	EDDY: Carlsbad Caverns National Park,	26-Sep-09		EHM

<i>Protorthodes melanopis</i> Rattlesnake Springs,	EDDY: Carlsbad Caverns National Park,	26-Sep-09		EHM
<i>Protorthodes perforata</i> near the boneyard	OTERO: White Sands National Monument,	19-May-09		EHM
<i>Protorthodes perforata</i> Rattlesnake Springs,	EDDY: Carlsbad Caverns National Park,	26-Sep-09		EHM
<i>Ulolonche disticha</i> near the boneyard	OTERO: White Sands National Monument,	12-Sep-10		EHM
<i>Ulolonche niveiguttata</i>	OTERO: White Sands National Monument,	11-Jun-10		EHM
<i>Ulolonche niveiguttata</i> Rattlesnake Springs,	EDDY: Carlsbad Caverns National Park,	06-Aug-10		EHM
<i>Hexorthodes senatoria</i> Lincoln Nat. Forest,	OTERO: Cloudcroft, Pine Camp Overflow, Forest Road #568	30-Jun-09		CCG
<i>Trichorthosia tristis</i> Lincoln Nat. Forest,	OTERO: Cloudcroft, Pine Camp Overflow, Forest Road #568	30-Jun-09		CCG
<i>Trichofeltia circumdata</i> Santa Fe Nat. Forest,	SAN MIGUEL: 21 mi. N of Pecos on Hwy. #63, Jack Creek Camp,	29-Jul-09		CCG
<i>Hydrociodes juvenalis</i> Santa Fe Nat. Forest,	SAN MIGUEL: 21 mi. N of Pecos on Hwy. #63, Jack Creek Camp,	29-Jul-09		CCG
<i>Anicla beata</i>	OTERO: White Sands National Monument,	25-Aug-09		EHM
<i>Anicla digna</i> entrance to Slaughter Canyon, trap	EDDY: Carlsbad Caverns National Park, placed in the arroyo	26-Sep-09		EHM
<i>Anicla digna</i> Rattlesnake Springs,	EDDY: Carlsbad Caverns National Park,	26-Sep-09		EHM
<i>Anicla exuberans</i> entrance to Slaughter Canyon, trap	EDDY: Carlsbad Caverns National Park, placed in the arroyo	26-Sep-09		EHM
<i>Hemieuxoa rudens</i>	EDDY: Carlsbad Caverns National Park,	06-Aug-10		EHM
<i>Dichagyris arabella</i>	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
<i>Dichagyris arabella</i> entrance to Slaughter Canyon, trap	EDDY: Carlsbad Caverns National Park, placed in the arroyo	10-Jul-10		EHM
<i>Dichagyris capota</i> Lincoln Nat. Forest,	OTERO: Cloudcroft, Pine Camp Overflow, Forest Road #568	30-Jun-09		CCG
<i>Dichagyris cataclivis</i> near the boneyard	OTERO: White Sands National Monument,	14-Sep-09		EHM
<i>Eucoptocnemis dollii</i> near the boneyard	OTERO: White Sands National Monument,	17-Oct-09		EHM
<i>Copablepharon grandis</i> near the boneyard	OTERO: White Sands National Monument,	20-Jun-09	14-Sep-09	EHM
<i>Copablepharon serratigrande</i> near the boneyard	OTERO: White Sands National Monument,	25-Aug-09	14-Sep-09	EHM
<i>Protopygia pallida</i> near the boneyard	OTERO: White Sands National Monument,	29-Mar-09	20-Jun-09	EHM
<i>Euxoa flavidens</i> Santa Fe Nat. Forest,	SAN MIGUEL: 21 mi. N of Pecos on Hwy. #63, Jack Creek Camp,	29-Jul-09		CCG
<i>Euxoa inconcinna</i> intersection dune and interdunal vegetation	OTERO: White Sands National Monument,	23-Apr-09	17-Oct-09	EHM
<i>Euxoa lafontainei</i> near the boneyard	OTERO: White Sands National Monument,	17-May-10	14-Jul-10	EHM
<i>Euxoa messoria</i>	OTERO: White Sands National Monument,	17-Oct-09		EHM
<i>Euxoa misturata</i> near the boneyard	OTERO: White Sands National Monument,	14-Sep-09	17-Oct-09	EHM
<i>Euxoa niveilinea</i> intersection dune and interdunal vegetation	OTERO: White Sands National Monument,	17-Oct-09		EHM
<i>Euxoa pleuritica</i> intersection dune and interdunal vegetation	OTERO: White Sands National Monument,	25-Aug-09	14-Sep-09	EHM
<i>Euxoa sculptilis</i> entrance to Slaughter Canyon, trap	EDDY: Carlsbad Caverns National Park, placed in the arroyo	12-Nov-09		EHM
<i>Euxoa sculptilis</i> intersection dune and interdunal vegetation	OTERO: White Sands National Monument,	20-Nov-09		EHM
<i>Euxoa serricornis</i> near the boneyard	OTERO: White Sands National Monument,	29-Mar-09		EHM
<i>Euxoa servita</i> Santa Fe Nat. Forest,	SAN MIGUEL: 21 mi. N of Pecos on Hwy. #63, Jack Creek Camp,	29-Jul-09		CCG
<i>Euxoa terrealis</i> intersection dune and interdunal vegetation	OTERO: White Sands National Monument,	15-Jul-09	14-Sep-09	EHM
<i>Euxoa tronellus</i> near the boneyard	OTERO: White Sands National Monument,	17-Oct-09		EHM
<i>Agrotis vancouverensis</i> Lincoln Nat. Forest,	Otero: Cloudcroft, Pine Camp Overflow, Forest Road #568	30-Jun-09		CCG

<i>Agrotis venerabilis</i> near the boneyard	Otero: White Sands National Monument,	17-Oct-09	EHM
<i>Xestia bolteri</i> Lincoln Nat. Forest,	OTERO: Cloudcroft, Pine Camp Overflow, Forest Road #568	30-Jun-09	CCG
<i>Xestia c-nigrum</i> near the boneyard	OTERO: White Sands National Monument,	14-Sep-09	EHM
<i>Xestia conchis</i> Lincoln Nat. Forest,	OTERO: Cloudcroft, Pine Camp Overflow, Forest Road #568	30-Jun-09	CCG
<i>Xestia conchis</i> Santa Fe Nat. Forest,	SAN MIGUEL: 21 mi. N of Pecos on Hwy. #63, Jack Creek Camp,	29-Jul-09	CCG
<i>Xestia smithii</i> Santa Fe Nat. Forest,	SAN MIGUEL: 21 mi. N of Pecos on Hwy. #63, Jack Creek Camp,	29-Jul-09	CCG
<i>Abagrotis alampeta</i>	OTERO: White Sands National Monument,	19-May-09	17-Oct-09 EHM
<i>Abagrotis alampeta</i> Rattlesnake Springs,	EDDY: Carlsbad Caverns National Park,	09-Jun-09	EHM
<i>Abagrotis alampeta</i> entrance to Slaughter Canyon, trap	Eddy: Carlsbad Caverns National Park, placed in the arroyo	26-Sep-09	EHM
<i>Abagrotis bimarginalis</i> Lincoln Nat. Forest,	OTERO: Cloudcroft, Pine Camp Overflow, Forest Road #568	30-Jun-09	CCG
<i>Hexorthodes trifascia</i> Lincoln Nat. Forest,	OTERO: Cloudcroft, Pine Camp Overflow, Forest Road #568	30-Jun-09	CCG

## UTAH

Records for 2010 came from six contributors, adding *Euphilotes stanfordorum* as a state record for butterflies and adding 60 county records for moths. Todd Stout included additional information on host plant associations for several butterflies. *Noctua pronuba* was collected for the first time in the state as this Noctuid import continues its spread across the western states.

### Butterflies

#### HESPERIIDAE

<i>Erynnis afranius</i> First instar larvae on <i>Hedysarum boreale</i> , 5100'	Salt Lake: Red Butte Canyon, West side Wasatch Mountains	09-Jun-10	TLS
<i>Polites sonora utahensis</i> 5600' Nick Grishin also collected adults	Wasatch: Charleston, West side UT Hwy 113	28-Jun-10	TLS
<i>Polites sonora utahensis</i> 7100'	Sevier: Otter Creek, 4.2 miles NNE Koosharem	20-Aug-10	TLS

#### PAPILIONIDAE

<i>Papilio indra</i> 5100', males mud puddling in numbers along the side of UT Hwy 101	Cache: Blacksmith Fork Canyon, North side UT Hwy 101	05-Jun-10	TLS
<i>Parnassius clodius menetriesi</i> 6600' Nick Grishin also collected adults	Salt Lake: Lambs Canyon, 2.5 miles ENE Mt. Aire	28-Jun-10	TLS

#### PIERIDAE

<i>Pontia beckerii</i> sight observation by Paul Opler	Carbon: Nine-mile Canyon Rd	24-Sep-10	PAO
<i>Pontia beckerii</i> sight observation by Paul Opler	Duchesne: Nine-mile Canyon Rd	24-Sep-10	PAO
<i>Pontia sisymbrii</i> Found 1st instar larva on <i>Descurainia pinnata</i> 6500'	Emery: Huntington Canyon, North side UT Hwy 31	18-May-10	TLS
<i>Anthocharis sara</i> sight observation along nature trail across from main visitor's center,	Washington: Zion National Park,	02-Apr-10	MSF
<i>Anthocharis sara</i> Found ova on <i>Descurainia pinnata</i> 5200'	Box Elder: 2.2 m ESE Big Canyon, Hansel Mts., SW side I-84	22-May-10	TLS
<i>Anthocharis sara browningi</i> Found 1st instar larva on <i>Arabis perennans</i> 5100'	Utah: Blind Canyon, 21 m NNW Fairview, UT Hwy 89	28-May-10	TLS
<i>Anthocharis sara browningi</i> Female collected in association with <i>Arabis glabra</i> 8600'	Summit: Christmas Meadows Road, Uinta Range	02-Jul-10	TLS
<i>Anthocharis sara thoosa</i> Found ovum on <i>Descurainia pinnata</i> 6900'	Carbon: Nine-mile Canyon Rd., 1.1 miles SSW Pine Canyon	18-May-10	TLS
<i>Anthocharis sara thoosa</i> Found ova on <i>Descurainia pinnata</i> 6500'	Emery: Huntington Canyon, North side UT Hwy 31	18-May-10	TLS
<i>Colias philodice</i> sight observation by Paul Opler	Duchesne: Nine-mile Canyon Rd	24-Sep-10	PAO
<i>Colias philodice</i> sight observation by Paul Opler	Carbon: Nine-mile Canyon Rd	24-Sep-10	PAO
<i>Abaeis nicippe</i> a northwest range extention	WAYNE: 1 mi. N of Hanksville,	05-Aug-10	KR

#### LYCAENIDAE

<i>Satyrrium saepium provo</i> 6600' Larvae on <i>Ceanothus velutinus</i>	Salt Lake: Lambs Canyon, 2.5 miles ENE Mt. Aire	28-Jun-10	TLS
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<i>Leptotes marina</i>	Utah: Wasatch Race Park, Lindon, Alfalfa Fields	11-Aug-10		TLS
4500' Flying in association with <i>Medicago sativus</i> and <i>Glycyrrhiza lepidota</i> . Female oviposited on alfalfa (Nicky Davis)				
<i>Brephidium exilis</i>	Grand: Arches National Park, Park Avenue	23-Sep-10		PAO
sight observation by Paul Opler				
<i>Brephidium exilis</i>	Emery: Black Dragon View Point, I-70	24-Sep-10		PAO
sight observation by Paul Opler				
<i>Celastrina echo</i>	Salt Lake: Lambs Canyon, 2.5 miles ENE Mt. Aire	28-Jun-10		TLS
6600' Larvae on <i>Ceanothus velutinus</i>				
<i>Celastrina echo</i>	Sevier: 2.9 miles North of Mormon Mountain, UT Hwy 24	06-Aug-10		TLS
7200' Ovum collected on <i>Eriogonum racemosum</i> .				
<i>Euphilotes spaldingi</i>	Sevier: 2.9 miles North of Mormon Mountain, UT Hwy 24	06-Aug-10		TLS
7200' Larva collected on <i>Eriogonum racemosum</i> .				
<i>Euphilotes stanfordorum</i>	JUAB: 2.9 miles SSE Topaz Mountain, Thomas Range	31-May-10		TLS
5100' State Record. Male ID confirmed by Dr. Andy Warren, a State Record				
<b>NYMPHALIDAE</b>				
<i>Danaus gilippus</i>	Millard: Rt. 21, 5 mi. S of Garrison,	21-Jul-10		SJK
<i>Coenonympha tullia elko</i>	Cache: Blacksmith Fork Canyon, North side UT Hwy 101	05-Jun-10		TLS
5100'				
<i>Cercyonis pegala</i>	Sevier: Otter Creek, 4.2 miles NNE Koosharem	20-Aug-10		TLS
7100' ; Nicky Davis also collected adults				
<i>Oeneis chryxus</i>	Summit: Christmas Meadows Road, Uinta Range	02-Jul-10		TLS
Adults collected in association with host sedge <i>Carex geyeri</i> , 8600'				
<i>Oeneis jutta reducta</i>	Summit: Christmas Meadows Road, Uinta Range	02-Jul-10	05-Jul-10	TLS
Females collected in association with host sedge <i>Carex geyeri</i> , 8600'				
<i>Boloria selene tollandensis</i>	Wasatch: Charleston, West side UT Hwy 113	28-Jun-10		TLS
5600' Nick Grishin also collected adults				
<i>Limenitis archippus lahontani</i>	Box Elder: Bear River, 0.9 miles ESE Corinne,	23-Mar-10		TLS
4200' Hibernacula with 3rd instar larvae found on seedling <i>Salix exigua</i> in canal between alfalfa field and Bear River.				
<i>Limenitis weidemeyerii latifascia</i>	Tooele: Willow Springs Lodge, Stansbury Range,	11-Apr-10		TLS
UT Hwy 199, 5700' elev., Hibernacula with 3rd instar larvae found on <i>Salix</i> spp.				
<i>Limenitis weidemeyerii latifascia</i>	Tooele: South Willow Canyon, Lower Narrows,	20-Aug-10		TLS
7700' Ovum collected on <i>Populus tremuloides</i> , Stansbury Range				
<i>Vanessa cardui</i>	Emery: Black Dragon View Point, I-70	24-Sep-10		PAO
sight observation by Paul Opler				
<i>Poladryas arachne</i>	Garfield: Bear Valley Junction, North side UT Hwy 20	16-Apr-10		TLS
6600' Fourth and Fifth Instar larvae on <i>Penstemon</i> ssp. growing in drainage right along Hwy 20.				
<i>Chlosyne acastus neumoegei</i>	Washington: St. George, Temple Quarry Trail,	29-Mar-10		TLS
vic. West Black Ridge, 3000' elev., late instar larvae on <i>Xylorhiza tortifolia</i>				
<i>Chlosyne leanira alma</i>	Millard: 0.4 m SSE Sneakover Pass, House Range	10-Apr-10		TLS
US Hwy 6-150, 5000' elev., third through fifth instar larvae on <i>Castilleja chromosa</i> . Wayne Whaley also collected larvae.				
<i>Euphydryas anicia wheeleri</i>	Millard: 0.3 m S Sneakover Pass, House Range,	10-Apr-10		TLS
US Hwy 6-150, 5000' elev., last instar larva on <i>Castilleja chromosa</i> . Wayne Whaley also collected a larva.				
<i>Euphydryas anicia wecoeut</i>	Emery: 2.5 miles South of San Rafael River, CR 332	20-Apr-10		TLS
5200' Last instar larvae on <i>Castilleja chromosa</i> .				
<b>Moths</b>				
<b>CRAMBIDAE</b>				
<i>Mimoschinia rufofascialis</i>	WAYNE: 5 mi. N. of Hanksville, Hwy. 24 at mkr. 122.5,	14-May-10	15-May-10	CEH
taken with Nathan Gibson, San Rafael Desert, uv traps on open dunes, 4623' elev.				
<b>TORTRICIDAE</b>				
<i>Eucosma denverana</i>	GRAND: 2 mi. NNW of Moab, n. of Hwy. 128 on Hwy. 191,	12-Sep-10		CEH
w. bank along dry creek bed, taken at uv trap, 3986' elev., greasewood, cottonwood, rabbitbrush				
<b>GEOMETRIDAE</b>				
<i>Glaucina nephos</i>	Grand: N. of Thompson Springs, Thompson Cyn. Rd.,	13-May-10	14-May-10	CEH
taken with Nathan Gibson, uv traps, at north end, 5978' elev. with <i>Artemisia</i> , <i>Ericameria</i> , <i>Quercus</i> , <i>Juniperus</i>				
<i>Glaucina nephos</i>	Grand: N. of Thompson Springs, Thompson Cyn. Rd.,	13-May-10	14-May-10	EHM
taken with Nathan Gibson, uv traps, at north end, 5978' elev. with <i>Artemisia</i> , <i>Ericameria</i> , <i>Quercus</i> , <i>Juniperus</i>				
<i>Plataea trilinearia</i>	Emery: SW of Green River, off Hwy 24 at mkr #147	14-May-10		NG
taken with Chuck Harp, San Rafael Desert, on open dunes, 4400' elev.				
<i>Plataea trilinearia</i>	WAYNE: 1 mi. NNE of Hanksville, San Rafael Desert,	14-May-10	15-May-10	NG
taken with Chuck Harp, San Rafael Desert, uv traps on private ranch off Hwy. 24, 4475' elev.				
<i>Synchlora aerata</i>	GRAND: 2 mi. NNW of Moab, n. of Hwy. 128 on Hwy. 191,	14-Sep-10	15-Sep-10	CEH
taken at uv trap, 3986' elev., greasewood, cottonwood, rabbitbrush				
<i>Synchlora aerata</i>	GRAND: 2 mi. NNW of Moab, n. of Hwy. 128 on Hwy. 191,	14-Sep-10	15-Sep-10	EHM
taken at uv trap, 3986' elev., greasewood, cottonwood, rabbitbrush				
<i>Perizoma custodiata</i>	GRAND: N. of Thompson Springs, Thompson Cyn. Rd.,	13-May-10	14-May-10	CEH
taken with Nathan Gibson, n. of Segoe Cyn. Rd., 5843' elev., uv traps under cottonwoods and Mahonia				
<i>Scelidacantha triseriata</i>	GRAND: N. of Thompson Springs, Thompson Cyn. Rd.,	13-May-10	14-May-10	CEH
taken with Nathan Gibson, n. of Segoe Cyn. Rd., 5843' elev., uv traps under cottonwoods and Mahonia				

<i>Scelidacantha triseriata</i>	WAYNE: 5 mi. N. of Hanksville, Hwy. 24 at mkr. 122.5, taken with Nathan Gibson, San Rafael Desert, uv traps on open dunes, 4623' elev.	14-May-10	15-May-10	CEH
<b>SATURNIIDAE</b>				
<i>Hemileuca neuwoegeni</i>	Grand: 3 mi. NE of Moab, Hwy. 128 at mkr. #2, nr. Goose Island Rec. Area, taken at uv trap, 3976' elev., 8 pm- 11 pm, open gravel above roadside,	12-Sep-10		CEH
<i>Hemileuca neuwoegeni</i>	Grand: 1 mi. S of Moab, Hwy. 191/Main Street, S. end of town, taken at gas station lights, 4239' elev., 10-11pm.	14-Sep-10		CEH
<b>ARCTIIDAE</b>				
<i>Lycomorpha grotei</i>	Grand: 3 mi. NE of Moab, Hwy. 128 at mkr. #2, nr. Goose Island Rec. Area, taken at uv trap, 3976' elev., 8 pm- 11 pm, open gravel above roadside,	12-Sep-10		CEH
<i>Lycomorpha grotei</i>	Grand: 8 mi. NE of Moab, Hwy. 128 at mkr. #7, nr. Oak Creek Cmpgd, taken at uv trap, 4010' elev., 8 pm- 12 am, open sands above roadside,	13-Sep-10		CEH
<i>Lycomorpha splendens</i>	Grand: 3 mi. NE of Moab, Hwy. 128 at mkr. #2, nr. Goose Island Rec. Area, taken at uv trap, 3976' elev., 8 pm- 11 pm, open gravel above roadside,	12-Sep-10		CEH
<i>Arachnis citra</i>	Grand: 8 mi. NE of Moab, Hwy. 128 at mkr. #7, nr. Oak Creek Cmpgd, taken at uv trap, 4010' elev., 8 pm- 12 am, open sands above roadside,	13-Sep-10		CEH
<b>NOCTUIDAE</b>				
<i>Drasteria divergens</i>	WAYNE: 5 mi. N. of Hanksville, Hwy. 24 at mkr. 122.5, taken with Nathan Gibson, San Rafael Desert, uv traps on open dunes, 4623' elev.	14-May-10	15-May-10	CEH
<i>Drasteria perplexa</i>	Grand: 2 mi. NNW of Moab, n. of Hwy. 128 on Hwy. 191, w. bank along dry creek bed, taken at uv trap, 3986' elev., greasewood, cottonwood, rabbitbrush	14-Sep-10	15-Sep-10	CEH
<i>Drasteria tejonica</i>	Grand: 2 mi. NNW of Moab, n. of Hwy. 128 on Hwy. 191, e. bank along dry creek bed, taken at uv trap, 3986' elev., greasewood, cottonwood, rabbitbrush	14-Sep-10	15-Sep-10	CEH
<i>Zale colorado</i>	GRAND: 2 mi. NNW of Moab, n. of Hwy. 128 on Hwy. 191, e. bank along dry creek bed, taken at uv trap, 3986' elev., greasewood, cottonwood, rabbitbrush	14-Sep-10	15-Sep-10	CEH
<i>Catocala amatrix</i>	GRAND: 2 mi. NNW of Moab, n. of Hwy. 128 on Hwy. 191, w. bank along dry creek bed, taken at uv trap, 3986' elev., greasewood, cottonwood, rabbitbrush	12-Sep-10		CEH
<i>Catocala junctura</i>	GRAND: 8 mi. NE of Moab, Hwy. 128 at mkr. #7, nr. Oak Creek Cmpgd, taken at uv trap, 4010' elev., 8 pm- 12 am, open sands above roadside,	13-Sep-10		CEH
<i>Autographa californica</i>	Grand: N. of Thompson Springs, Thompson Cyn. Rd., taken with Nathan Gibson, n. of Segoe Cyn. Rd., 5843' elev., uv traps under cottonwoods and Mahonia	13-May-10	14-May-10	CEH
<i>Tarachidia libedis</i>	WAYNE: 5 mi. N. of Hanksville, Hwy. 24 at mkr. 122.5, taken with Nathan Gibson, San Rafael Desert, uv traps on open dunes, 4623' elev.	14-May-10	15-May-10	CEH
<i>Tarache toddi</i>	WAYNE: 5 mi. N. of Hanksville, Hwy. 24 at mkr. 122.5, taken with Nathan Gibson, San Rafael Desert, uv traps on open dunes, 4623' elev.	14-May-10	15-May-10	CEH
<i>Conochores elegantula</i>	GRAND: 3 mi. NE of Moab, Hwy. 128 at mkr. #2, nr. Goose Island Rec. Area, taken at uv trap, 3976' elev., 8 pm- 11 pm, open gravel above roadside,	12-Sep-10		CEH
<i>Cucullia basipuncta</i>	WAYNE: 5 mi. N. of Hanksville, Hwy. 24 at mkr. 122.5, taken with Nathan Gibson, San Rafael Desert, uv traps on open dunes, 4623' elev.	14-May-10	15-May-10	CEH
<i>Cucullia luna</i>	WAYNE: 5 mi. N. of Hanksville, Hwy. 24 at mkr. 122.5, taken with Nathan Gibson, San Rafael Desert, uv traps on open dunes, 4623' elev.	14-May-10	15-May-10	CEH
<i>Sympistis buchis</i>	GRAND: 2 mi. NNW of Moab, n. of Hwy. 128 on Hwy. 191, taken at uv trap, 3986' elev., greasewood, cottonwood, rabbitbrush	14-Sep-10	15-Sep-10	CEH
<i>Sympistis jocelynae</i>	GRAND: 8 mi. NE of Moab, Hwy. 128 at mkr. #7, nr. Oak Creek Cmpgd, taken at uv trap, 4010' elev., 8 pm- 12 am, open sands above roadside,	13-Sep-10		CEH
<i>Sympistis utahensis</i>	GRAND: 8 mi. NE of Moab, Hwy. 128 at mkr. #7, nr. Oak Creek Cmpgd, taken at uv trap, 4010' elev., 8 pm- 12 am, open sands above roadside,	13-Sep-10		CEH
<i>Plagiomimicus tepperi</i>	GRAND: 2 mi. NNW of Moab, n. of Hwy. 128 on Hwy. 191, taken at uv trap, 3986' elev., greasewood, cottonwood, rabbitbrush	12-Sep-10		CEH
<i>Neogrotella spaldingi</i>	WAYNE: 5 mi. N. of Hanksville, Hwy. 24 at mkr. 122.5, taken with Nathan Gibson, San Rafael Desert, uv traps on open dunes, 4623' elev.	14-May-10	15-May-10	CEH
<i>Schinia acutilinea</i>	GRAND: 8 mi. NE of Moab, Hwy. 128 at mkr. #7, nr. Oak Creek Cmpgd, taken at uv trap, 4010' elev., 8 pm- 12 am, open sands above roadside,	13-Sep-10		CEH
<i>Schinia alba fascia</i>	Grand: 8 mi. NE of Moab, Hwy. 128 at mkr. #7, nr. Oak Creek Cmpgd, taken at uv trap, 4010' elev., 8 pm- 12 am, open sands above roadside,	13-Sep-10		CEH
<i>Schinia argentifascia</i>	GRAND: 2 mi. NNW of Moab, n. of Hwy. 128 on Hwy. 191, taken at uv trap, 3986' elev., greasewood, cottonwood, rabbitbrush	14-Sep-10	15-Sep-10	CEH
<i>Schinia deserticola</i>	Wayne: 5 mi. N. of Hanksville, Hwy. 24 at mkr. 122.5, taken with Nathan Gibson, San Rafael Desert, uv traps on open dunes, 4623' elev.	14-May-10	15-May-10	CEH
<i>Schinia oleagina</i>	GRAND: 2 mi. NNW of Moab, n. of Hwy. 128 on Hwy. 191, taken at uv trap, 3986' elev., greasewood, cottonwood, rabbitbrush	12-Sep-10	15-Sep-10	CEH
<i>Schinia sanrafaeli</i>	Wayne: 5 mi. N. of Hanksville, Hwy. 24 at mkr. 122.5, taken with Nathan Gibson, San Rafael Desert, uv traps on open dunes, 4623' elev.	14-May-10	15-May-10	CEH
<i>Schinia tertia</i>	Grand: 3 mi. NE of Moab, Hwy. 128 at mkr. #2, nr. Goose Island Rec. Area, taken at uv trap, 3976' elev., 8 pm- 11 pm, open gravel above roadside,	12-Sep-10		CEH
<i>Schinia walsinghami</i>	GRAND: 3 mi. NE of Moab, Hwy. 128 at mkr. #2, nr. Goose Island Rec. Area, taken at uv trap, 3976' elev., 8 pm- 11 pm, open gravel above roadside,	12-Sep-10		CEH
<i>Spodoptera ornithogalli</i>	GRAND: 1 mi. S of Moab, Hwy. 191/Main Street, S. end of town, taken at gas station lights, 4239' elev., 10-11pm.	14-Sep-10		CEH

<i>Apamea spaldingi</i>	Grand: N. of Thompson Springs, Thompson Cyn. Rd., taken with Nathan Gibson, at Segó Cyn. Rd., 5545' elev., uv traps along sandy ravine	13-May-10	14-May-10	CEH
<i>Rhizagrotis albalis</i>	WAYNE: 5 mi. N. of Hanksville, Hwy. 24 at mkr. 122.5, taken with Nathan Gibson, San Rafael Desert, uv traps on open dunes, 4623' elev.	14-May-10	15-May-10	CEH
<i>Perigonica fermata</i>	Grand: N. of Thompson Springs, Thompson Cyn. Rd., taken with Nathan Gibson, at Segó Cyn. Rd., 5545' elev., uv traps along sandy ravine	13-May-10	14-May-10	CEH
<i>Egira rubrica</i>	Grand: N. of Thompson Springs, Thompson Cyn. Rd., taken with Nathan Gibson, at Segó Cyn. Rd., 5545' elev., uv traps along sandy ravine	13-May-10	14-May-10	CEH
<i>Hadenella pergentilis</i>	GRAND: 8 mi. NE of Moab, Hwy. 128 at mkr. #7, nr. Oak Creek Cmpgd, taken at uv trap, 4010' elev., 8 pm- 12 am, open sands above roadside,	13-Sep-10		CEH
<i>Anarta crotchii</i>	GRAND: N. of Thompson Springs, Thompson Cyn. Rd., taken with Nathan Gibson, at Segó Cyn. Rd., 5545' elev., uv traps along sandy ravine	13-May-10	14-May-10	CEH
<i>Anarta trifolii</i>	GRAND: 1 mi. S of Moab, Hwy. 191/Main Street, S. end of town, taken at gas station lights, 4239' elev., 10-11pm.	14-Sep-10		CEH
<i>Scotogramma harnardi</i>	GRAND: 2 mi. NNW of Moab, n. of Hwy. 128 on Hwy. 191, w. bank along dry creek bed, taken at uv trap, 3986' elev., greasewood, cottonwood, rabbitbrush	12-Sep-10		CEH
<i>Scotogramma megaera</i>	Grand: N. of Thompson Springs, Thompson Cyn. Rd., taken with Nathan Gibson, uv traps along sandy ravine with Mahonia, Ericameria	13-May-10	14-May-10	CEH
<i>Scotogramma megaera</i>	WAYNE: 5 mi. N. of Hanksville, Hwy. 24 at mkr. 122.5, taken with Nathan Gibson, San Rafael Desert, uv traps on open dunes, 4623' elev.	14-May-10	15-May-10	CEH
<i>Scotogramma orida</i>	GRAND: 8 mi. NE of Moab, Hwy. 128 at mkr. #7, nr. Oak Creek Cmpgd, taken at uv trap, 4010' elev., 8 pm- 12 am, open sands above roadside,	13-Sep-10		CEH
<i>Scotogramma submarina</i>	Grand: 8 mi. NE of Moab, Hwy. 128 at mkr. #7, nr. Oak Creek Cmpgd, taken at uv trap, 4010' elev., 8 pm- 12 am, open sands above roadside,	13-Sep-10		CEH
<i>Trichoclea decepta</i>	Grand: 8 mi. NE of Moab, Hwy. 128 at mkr. #7, nr. Oak Creek Cmpgd, taken at uv trap, 4010' elev., 8 pm- 12 am, open sands above roadside,	13-Sep-10		CEH
<i>Trichoclea decepta</i>	Grand: 2 mi. NNW of Moab, n. of Hwy. 128 on Hwy. 191, w. bank along dry creek bed, taken at uv trap, 3986' elev., greasewood, cottonwood, rabbitbrush	14-Sep-10	15-Sep-10	CEH
<i>Sideridis fuscolutea</i>	WAYNE: 5 mi. N. of Hanksville, Hwy. 24 at mkr. 122.5, taken with Nathan Gibson, San Rafael Desert, uv traps on open dunes, 4623' elev.	14-May-10	15-May-10	CEH
<i>Leucania farcta</i>	GRAND: 2 mi. NNW of Moab, n. of Hwy. 128 on Hwy. 191, w. bank along dry creek bed, taken at uv trap, 3986' elev., greasewood, cottonwood, rabbitbrush	12-Sep-10		CEH
<i>Tricholita chipeta</i>	GRAND: 3 mi. NE of Moab, Hwy. 128 at mkr. #2, nr. Goose Island Rec. Area, taken at uv trap, 3976' elev., 8 pm- 11 pm, open gravel above roadside,	12-Sep-10		CEH
<i>Anicla exuberans</i>	GRAND: 3 mi. NE of Moab, Hwy. 128 at mkr. #2, nr. Goose Island Rec. Area, taken at uv trap, 3976' elev., 8 pm- 11 pm, open gravel above roadside,	12-Sep-10		CEH
<i>Hemieuxoa rudens</i>	Grand: N. of Thompson Springs, Thompson Cyn. Rd., taken with Nathan Gibson, uv traps along sandy ravine with Mahonia, Ericameria	13-May-10	14-May-10	CEH
<i>Copablepharon grandis</i>	WAYNE: 5 mi. N. of Hanksville, Hwy. 24 at mkr. 122.5, taken with Nathan Gibson, San Rafael Desert, uv traps on open dunes, 4623' elev.	14-May-10	15-May-10	CEH
<i>Copablepharon opleri</i>	WAYNE: 5 mi. N. of Hanksville, Hwy. 24 at mkr. 122.5, taken with Nathan Gibson, San Rafael Desert, uv traps on open dunes, 4623' elev.	14-May-10	15-May-10	CEH
<i>Plagiomimicus kathyae</i>	Grand: 2 mi. NNW of Moab, n. of Hwy. 128 on Hwy. 191, taken at uv trap, 3986' elev., greasewood, cottonwood, rabbitbrush	14-Sep-10	15-Sep-10	CEH
<i>Protygyia elevata</i>	Grand: N. of Thompson Springs, Thompson Cyn. Rd., taken with Nathan Gibson, uv traps along sandy ravine with Mahonia, Ericameria	13-May-10	14-May-10	CEH
<i>Protygyia enalaga</i>	Grand: N. of Thompson Springs, Thompson Cyn. Rd., taken with Nathan Gibson, uv traps along sandy ravine with Mahonia, Ericameria	13-May-10	14-May-10	CEH
<i>Protygyia enalaga</i>	WAYNE: 5 mi. N. of Hanksville, Hwy. 24 at mkr. 122.5, taken with Nathan Gibson, San Rafael Desert, uv traps on open dunes, 4623' elev.	14-May-10	15-May-10	CEH
<i>Protygyia pallida</i>	WAYNE: 5 mi. N. of Hanksville, Hwy. 24 at mkr. 122.5, taken with Nathan Gibson, San Rafael Desert, uv traps on open dunes, 4623' elev.	14-May-10	15-May-10	CEH
<i>Protygyia pectinata</i>	WAYNE: 5 mi. N. of Hanksville, Hwy. 24 at mkr. 122.5, taken with Nathan Gibson, San Rafael Desert, uv traps on open dunes, 4623' elev.	14-May-10	15-May-10	CEH
<i>Protygyia postera</i>	Grand: 3 mi. NE of Moab, Hwy. 128 at mkr. #2, nr. Goose Island Rec. Area, taken at uv trap, 3976' elev., 8 pm- 11 pm, open gravel above roadside,	12-Sep-10		CEH
<i>Protygyia rufescens</i>	Wayne: 5 mi. N. of Hanksville, Hwy. 24 at mkr. 122.5, taken with Nathan Gibson, San Rafael Desert, uv traps on open dunes, 4623' elev.	14-May-10	15-May-10	CEH
<i>Euxoa atomaris</i>	GRAND: 8 mi. NE of Moab, Hwy. 128 at mkr. #7, nr. Oak Creek Cmpgd, taken at uv trap, 4010' elev., 8 pm- 12 am, open sands above roadside,	13-Sep-10		CEH
<i>Euxoa cicatricosa</i>	GRAND: 8 mi. NE of Moab, Hwy. 128 at mkr. #7, nr. Oak Creek Cmpgd, taken at uv trap, 4010' elev., 8 pm- 12 am, open sands above roadside,	13-Sep-10		CEH
<i>Euxoa citricolor</i>	GRAND: 8 mi. NE of Moab, Hwy. 128 at mkr. #7, nr. Oak Creek Cmpgd, taken at uv trap, 4010' elev., 8 pm- 12 am, open sands above roadside,	13-Sep-10		CEH
<i>Euxoa cona</i>	GRAND: 2 mi. NNW of Moab, n. of Hwy. 128 on Hwy. 191, e. bank along dry creek bed, taken at uv trap, 3986' elev., greasewood, cottonwood, rabbitbrush	14-Sep-10	15-Sep-10	CEH
<i>Euxoa laetificans</i>	GRAND: 3 mi. NE of Moab, Hwy. 128 at mkr. #2, nr. Goose Island Rec. Area, taken at uv trap, 3976' elev., 8 pm- 11 pm, open gravel above roadside,	12-Sep-10		CEH

<i>Euxoa nevada</i> nr. Oak Creek Cmpgd, taken at uv trap, 4010' elev., 8 pm- 12 am, open sands above roadside,	GRAND: 8 mi. NE of Moab, Hwy. 128 at mkr. #7,	13-Sep-10		CEH
<i>Euxoa olivia</i> nr. Goose Island Rec. Area, taken at uv trap, 3976' elev., 8 pm- 11 pm, open gravel above roadside,	GRAND: 3 mi. NE of Moab, Hwy. 128 at mkr. #2,	12-Sep-10		CEH
<i>Euxoa pluralis</i> taken with Nathan Gibson, San Rafael Desert, uv traps on open dunes, 4623' elev.	WAYNE: 5 mi. N. of Hanksville, Hwy. 24 at mkr. 122.5,	14-May-10	15-May-10	CEH
<i>Euxoa quadridentata</i> nr. Oak Creek Cmpgd, taken at uv trap, 4010' elev., 8 pm- 12 am, open sands above roadside,	GRAND: 8 mi. NE of Moab, Hwy. 128 at mkr. #7,	13-Sep-10		CEH
<i>Euxoa satiens</i> nr. Goose Island Rec. Area, taken at uv trap, 3976' elev., 8 pm- 11 pm, open gravel above roadside,	GRAND: 3 mi. NE of Moab, Hwy. 128 at mkr. #2,	12-Sep-10		CEH
<i>Euxoa septentrionalis</i> nr. Goose Island Rec. Area, taken at uv trap, 3976' elev., 8 pm- 11 pm, open gravel above roadside,	GRAND: 3 mi. NE of Moab, Hwy. 128 at mkr. #2,	12-Sep-10		CEH
<i>Euxoa siccata</i> nr. Goose Island Rec. Area, taken at uv trap, 3976' elev., 8 pm- 11 pm, open gravel above roadside,	GRAND: 3 mi. NE of Moab, Hwy. 128 at mkr. #2,	12-Sep-10		CEH
<i>Euxoa tronellus</i> nr. Oak Creek Cmpgd, taken at uv trap, 4010' elev., 8 pm- 12 am, open sands above roadside,	GRAND: 8 mi. NE of Moab, Hwy. 128 at mkr. #7,	13-Sep-10		CEH
<i>Agrotis orthogonia</i> S. end of town, taken at gas station lights, 4239' elev., 10-11pm.	Grand: 1 mi. S of Moab, Hwy. 191/Main Street,	14-Sep-10		CEH
<i>Agrotis vetusta</i> e. bank along dry creek bed, taken at uv trap, 3986' elev., greasewood, cottonwood, rabbitbrush	Grand: 2 mi. NNW of Moab, n. of Hwy. 128 on Hwy. 191,	14-Sep-10	15-Sep-10	CEH
<i>Agrotis vetusta</i> S. end of town, taken at gas station lights, 4239' elev., 10-11pm.	Grand: 1 mi. S of Moab, Hwy. 191/Main Street,	14-Sep-10		CEH
<i>Agrotis vetusta</i> w. bank along dry creek bed, taken at uv trap, 3986' elev., greasewood, cottonwood, rabbitbrush	Grand: 2 mi. NNW of Moab, n. of Hwy. 128 on Hwy. 191,	14-Sep-10	15-Sep-10	CEH
<i>Noctua pronuba</i> taken with Nathan Gibson, uv traps along sandy ravine with Mahonia, Ericameria, a State Record	GRAND: N. of Thompson Springs, Thompson Cyn. Rd.,	13-May-10	14-May-10	CEH
<i>Spaelotis bicava</i> taken with Nathan Gibson, San Rafael Desert, uv traps on open dunes, 4623' elev.	WAYNE: 5 mi. N. of Hanksville, Hwy. 24 at mkr. 122.5,	14-May-10	15-May-10	CEH
<i>Tesagrotis piscipellis</i> e. bank along dry creek bed, taken at uv trap, 3986' elev., greasewood, cottonwood, rabbitbrush	GRAND: 2 mi. NNW of Moab, n. of Hwy. 128 on Hwy. 191,	14-Sep-10	15-Sep-10	CEH
<i>Tyta luctuosa</i> taken at uv trap, 3986' elev., greasewood, cottonwood, rabbitbrush	GRAND: 2 mi. NNW of Moab, n. of Hwy. 128 on Hwy. 191,	14-Sep-10	15-Sep-10	CEH

## WYOMING

One contributor and an additional observer added butterfly and moth records for the season. Three county records for butterflies and 22 county records for moths were reported.

### Butterflies

#### HESPERIIDAE

<i>Erynnis persius</i> specimens collected by Jason Martineau	Sheridan: Bear Gulch, 5600' elev.,	31-May-10		CEH
<i>Pyrgus communis</i> across road from administration building, sight observation by Paul Opler	Crook: Devils Tower National Monument,	01-Oct-10		PAO
<i>Carterocephalus palaemon</i> specimens collected by Jason Martineau	Park: Sunlight Road, 7330' elev.,	22-Jul-10		CEH
<i>Hesperia colorado</i> sight observation by Paul Opler	Teton: Grand Canyon National Park, Jackson Lake overlook	26-Sep-10		PAO
<i>Hesperia juba</i> 2 miles south of north end, sight observation by Paul Opler	TETON: J.D. Rockefeller Memorial Parkway,	26-Sep-10		PAO
<i>Hesperia nevada</i> specimens collected by Jason Martineau	Fremont: Alkali Creek, 7420' elev.,	29-Jun-10		CEH
<i>Ochlodes sylvanoides</i> sight observation by Paul Opler	Teton: Grand Teton National Park, Jackson Lake overlook	26-Sep-10		PAO

#### PAPILIONIDAE

<i>Papilio rutulus</i> specimens collected by Jason Martineau	Fremont: Torrey Lake, 7465' elev.,	01-Jul-10		CEH
<i>Parnassius smintheus</i> specimens collected by Jason Martineau	Fremont: Alkali Creek, 7420' elev.,	30-Jun-10		CEH

#### PIERIDAE

<i>Pontia occidentalis</i> vouchered by Jason Martineau	Bighorn: Shell Falls, 6900' elev.,	18-Apr-10		CEH
<i>Pontia occidentalis</i> sight observation by Paul Opler	Teton: Grand Teton National Park, Moose P.O.	26-Sep-10		PAO
<i>Anthocharis sara</i> specimens collected by Jason Martineau	Sheridan: Mann Creek, 7800' elev.,	15-Jul-10		CEH
<i>Colias alexandra</i> specimens collected by Jason Martineau	Park: Sunlight Ranger Station, 7210' elev.,	22-Jul-10		CEH
<i>Colias eurytheme</i> across road from administration building, sight observation by Paul Opler	Crook: Devils Tower National Monument,	30-Sep-10		PAO

<i>Colias eurytheme</i> specimens collected by Jason Martineau	Sheridan: Sheridan, 752 Sumner St., 3780' elev.,	13-Oct-10	CEH
<i>Colias pelidne</i> specimens collected by Jason Martineau	Johnson: Crystal Lake, 9650' elev.,	01-Aug-10	CEH
<i>Colias pelidne</i> specimens collected by Jason Martineau	Sheridan: Woodchuck Pass, 9650' elev.,	21-Aug-10	CEH
<i>Colias philodice</i> sight observation by Paul Opler	Teton: Grand Teton National Park, Jackson Lake overlook	26-Sep-10	PAO
<i>Colias philodice</i> sight observation by Paul Opler	Yellowstone : Yellowstone National Park, Mammoth Hot Springs	27-Sep-10	PAO
<i>Colias philodice</i> across road from administration building, sight observation by Paul Opler	Crook: Devils Tower National Monument,	30-Sep-10	PAO
<i>Colias philodice</i> sight observation by Paul Opler	Goshen: Ft. Laramie National Historical Park	02-Oct-10	PAO
<b>LYCAENIDAE</b>			
<i>Lycaena cuprea</i> specimens collected by Jason Martineau	Johnson: Crystal Lake, 9650' elev.,	01-Aug-10	CEH
<i>Lycaena helloides</i> 2 miles south of north end, sight observation by Paul Opler	Teton: J.D. Rockefeller Memorial Parkway,	26-Sep-10	PAO
<i>Lycaena helloides</i> sight observation by Paul Opler	Yellowstone : West Yellowstone	28-Sep-10	PAO
<i>Lycaena mariposa</i> specimens collected by Jason Martineau	Johnson: Crystal Lake, 9650' elev.,	01-Aug-10	CEH
<i>Lycaena phlaeas</i> specimens collected by Jason Martineau	Johnson: Crystal Lake, 9650' elev.,	01-Aug-10	CEH
<i>Callophrys eryphon</i> specimens collected by Jason Martineau	Bighorn: Cedar Creek area, 6540' elev.,	16-May-10	CEH
<i>Callophrys sheridanii</i> specimens collected by Jason Martineau	BIGHORN: Shell Falls, 6900' elev.,	18-Apr-10	CEH
<i>Euphilotes ancilla</i> specimens collected by Jason Martineau	Fremont: Torrey Lake, 7465' elev.,	01-Jul-10	CEH
<i>Plebejus glandon</i> specimens collected by Jason Martineau	Fremont: Torrey Lake, 7465' elev.,	01-Jul-10	CEH
<i>Plebejus icarioides</i> specimens collected by Jason Martineau	Park: Sunlight Ranger Station, 7210' elev.,	22-Jul-10	CEH
<i>Plebejus melissa</i> specimens collected by Jason Martineau	Sheridan: Woodchuck Pass, 9650' elev.,	21-Aug-10	CEH
<i>Plebejus saepiolus</i> specimens collected by Jason Martineau	Fremont: Alkali Creek, 7420' elev.,	29-Jun-10	CEH
<b>NYMPHALIDAE</b>			
<i>Coenonympha haydenii</i> specimens collected by Jason Martineau	Park: Sunlight Road, 7300' elev.,	22-Jul-10	CEH
<i>Cercyonis sthenele</i> specimens collected by Jason Martineau	Park: Sunlight Ranger Station, 7210' elev.,	22-Jul-10	CEH
<i>Erebia epipsodea</i> specimens collected by Jason Martineau	Fremont: Alkali Creek, 7420' elev.,	29-Jun-10	CEH
<i>Neominois ridingsii</i> specimens collected by Jason Martineau	Park: Sunlight Ranger Station, 7210' elev.,	22-Jul-10	CEH
<i>Oeneis chryxus</i> specimens collected by Jason Martineau	Johnson: Geneva Pass, 10340' elev.,	01-Aug-10	CEH
<i>Oeneis uhleri</i> specimens collected by Jason Martineau	Sheridan: Bear Gulch, 5600' elev.,	31-May-10	CEH
<i>Euptoieta claudia</i> 2 miles south of north end, sight observation by Paul Opler	Teton: J.D. Rockefeller Memorial Parkway,	26-Sep-10	PAO
<i>Speyeria hesperis</i> 2 miles south of north end, sight observation by Paul Opler	Teton: J.D. Rockefeller Memorial Parkway,	26-Sep-10	PAO
<i>Speyeria mormonia</i> sight observation by Paul Opler	Teton: Grand Teton National Park, Jackson Lake overlook	26-Sep-10	PAO
<i>Speyeria mormonia</i> sight observation by Paul Opler	Yellowstone : Yellowstone National Park, Mammoth Hot Springs	27-Sep-10	PAO
<i>Boloria chariclea</i> specimens collected by Jason Martineau	Johnson: Lower Lost Twin Lake, 10015' elev.,	07-Aug-10	CEH
<i>Boloria eunomia</i> specimens collected by Jason Martineau	Johnson: Lower Lost Twin Lake, 10015' elev.,	07-Aug-10	CEH
<i>Vanessa annabella</i> 2 miles south of north end, sight observation by Paul Opler	Teton: J.D. Rockefeller Memorial Parkway,	26-Sep-10	PAO
<i>Vanessa cardui</i> specimens collected by Jason Martineau	Sheridan: CR #75 at Tepee Creek crossing, 6950' elev.,	21-Aug-10	CEH

<i>Vanessa cardui</i> sight observation by Paul Opler	Teton: Grand Teton National Park, Jackson Lake overlook	26-Sep-10	PAO
<i>Vanessa cardui</i> sight observation by Paul Opler	Yellowstone : Yellowstone National Park, Mammoth Hot Springs	27-Sep-10	PAO
<i>Vanessa virginiensis</i> specimens collected by Jason Martineau	SHERIDAN: CR #75 at Tepee Creek crossing, 6950' elev.,	21-Aug-10	CEH
<i>Aglais milberti</i> 2 miles south of north end, sight observation by Paul Opler	Teton: J.D. Rockefeller Memorial Parkway,	26-Sep-10	PAO
<i>Polygonia faunus</i> specimens collected by Jason Martineau	Sheridan: CR #75 at Tepee Creek crossing, 6950' elev.,	21-Aug-10	CEH
<i>Polygonia faunus</i> sight observation by Paul Opler	Teton: Grand Teton National Park, Jenny Lake overlook	26-Sep-10	PAO
<i>Polygonia faunus</i> 5 miles east of west entrance, sight observation by Paul Opler	Yellowstone : Yellowstone National Park, Madison River,	27-Sep-10	PAO
<i>Polygonia gracilis</i> specimens collected by Jason Martineau	Bighorn: Shell Falls, 6900' elev.,	18-Apr-10	CEH
<i>Polygonia gracilis</i> specimens collected by Jason Martineau	Fremont: Torrey Lake, 7465' elev.,	01-Jul-10	CEH
<i>Polygonia gracilis</i> sight observation by Paul Opler	Yellowstone : Yellowstone National Park, Mammoth Hot Springs	27-Sep-10	PAO
<i>Chlosyne gorgone</i> specimens collected by Jason Martineau	Sheridan: Sheridan, 752 Sumner St., 3780' elev.,	31-Jul-10	CEH
<i>Chlosyne palla</i> specimens collected by Jason Martineau	Sheridan: Sawmill Lakes, 8250' elev.,	25-Jul-10	CEH
<i>Chlosyne whitneyi</i> specimens collected by Jason Martineau	Johnson: Geneva Pass, 10340' elev.,	01-Aug-10	CEH
<i>Phyciodes pulchella</i> specimens collected by Jason Martineau	Fremont: Alkali Creek, 7420' elev.,	29-Jun-10	CEH
<i>Phyciodes pulchella</i> specimens collected by Jason Martineau	Park: Sunlight Road, 7300' elev.,	22-Jul-10	CEH
<i>Euphydryas anicia</i> specimens collected by Jason Martineau	Bighorn: Cedar Creek area, 6540' elev.,	16-May-10	CEH
<i>Euphydryas gillettii</i> at site studied for 30 years, 3 adults flying and 42 egg masses found	Park: Beartooth Mtns.,	31-Jul-10	EHW

## Moths

### COSSIDAE

<i>Prionoxystus robiniae</i> specimens collected by Jason Martineau	SHERIDAN: Sheridan, 2100 W. 5th St., 3940' elev.,	17-Jul-10	CEH
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### GEOMETRIDAE

<i>Stenoporpia pulmonaria</i> specimens collected by Jason Martineau	PARK: Painter's Corner, 6550' elev.,`	31-Aug-10	CEH
<i>Stenoporpia pulmonaria</i> specimens collected by Jason Martineau	PARK: Painter's Corner, 6550' elev.,`	31-Aug-10	EHM
<i>Neoterpes trianguliferata</i> specimens collected by Jason Martineau	FREMONT: Torrey Lake, 7530' elev.,	30-Jun-10	CEH
<i>Scopula luteolata</i> specimens collected by Jason Martineau	PARK: Sunlight Ranger Station, 7210' elev.,	22-Jul-10	CEH
<i>Hydriomena albimontanata</i> specimens collected by Jason Martineau	FREMONT: Torrey Lake, 7530' elev.,	30-Jun-10	CEH
<i>Hydriomena albimontanata</i> specimens collected by Jason Martineau	FREMONT: Torrey Lake, 7530' elev.,	30-Jun-10	EHM

### SPHINGIDAE

<i>Smerinthus cerisyi</i> specimens collected by Jason Martineau	CROOK: Keyhole State Park, 4165' elev.,	14-Jun-10	CEH
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### NOTODONTIDAE

<i>Furcula scolopendrina</i> specimens collected by Jason Martineau	PARK: Painter's Corner, 6550' elev.,`	23-Jul-10	CEH
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### ARCTIIDAE

<i>Grammia williamsii</i> specimens collected by Jason Martineau	SHERIDAN: PK Lane, 5200' elev.,	04-Jul-10	CEH
<i>Estigmene acrea</i> specimens collected by Jason Martineau	SHERIDAN: Sheridan, 2100 W. 5th St., 3940' elev.,	03-Jul-10	CEH

### NOCTUIDAE

<i>Drasteria petricola</i> specimens collected by Jason Martineau	FREMONT: Torrey Creek, 7530' elev.,	30-Jun-10	CEH
<i>Autographa californica</i> specimens collected by Jason Martineau	SHERIDAN: Woodchuck Pass, 9650' elev.,	21-Aug-10	CEH

Autographa californica	CROOK: Devils Tower National Monument, across road from administration building ,sight observation by Paul Opler	01-Oct-10	PAO
Autographa californica	Sheridan: Sheridan, 752 Sumner St., 3780' elev., specimens collected by Jason Martineau	13-Oct-10	CEH
Anagrapha falcifera	JOHNSON: Lower Lost Twin Lake, 10015' elev., specimens collected by Jason Martineau	07-Aug-10	CEH
Anagrapha falcifera	CROOK: Devils Tower National Monument, across road from administration building ,sight observation by Paul Opler	01-Oct-10	PAO
Anagrapha falcifera	SHERIDAN: Sheridan, 752 Sumner St., 3780' elev., specimens collected by Jason Martineau	07-Oct-10	CEH
Androloma maccullochii	SHERIDAN: Mann Creek, 7800' elev., specimens collected by Jason Martineau	15-Jul-10	CEH
Cucullia albida	SHERIDAN: PK Lane, 5200' elev., specimens collected by Jason Martineau	04-Jul-10	CEH
Heliiothis phloxiphagus	SHERIDAN: Bear Gulch, 5600' elev., specimens collected by Jason Martineau	31-May-10	CEH
Enargia infumata	PARK: Painter's Corner, 6550' elev., specimens collected by Jason Martineau	31-Aug-10	CEH
Apamea amputatrix	SHERIDAN: PK Lane, 5200' elev., specimens collected by Jason Martineau	04-Jul-10	CEH
Andropolia aedon	BIGHORN: Shell Falls visitor center, 6295' elev., specimens collected by Jason Martineau	15-Sep-10	CEH
Euxoa tristicula	PARK: Sunlight Ranger Station, 7210' elev., specimens collected by Jason Martineau	22-Jul-10	CEH

## Zone 5 Great Plains

## Saskatchewan, Manitoba, North Dakota, South Dakota, Nebraska, Kansas, Oklahoma

Coordinator: Ronald Alan Royer

### Contributors Cited:

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KD : Ken Davenport  
JFF : John F. Fisher  
JH2 : Jim C. Herndon  
JMN : John M. Nelson  
BER : Bryan E. Reynolds  
SMS : Steven M. Spomer  
R\_W : Ralph Wall

## MANITOBA

Mike Leske submitted the following records.

### Butterflies

#### HESPERIIDAE

Hesperia comma manitoba common	: Highway 6 six miles north of Manibridge	08-Aug-10	MLL
Hesperia comma manitoba common	: Forest road 10 miles SE of Thompson	08-Aug-10	MLL
Hesperia comma manitoba common	: Highway 6 three miles south of Kiski Lake	17-Aug-10	MLL

#### PIERIDAE

Pieris rapae uncommon	: Forest road 10 miles SE of Thompson	08-Aug-10	MLL
Colias eurytheme common	: Highway 6 eight miles west of Hill Lake	08-Aug-10	MLL
Colias eurytheme common	: Highway 6 three miles south of Kiski Lake	17-Aug-10	MLL

#### LYCAENIDAE

Lycaena hyllus rare	: Highway 6 six miles north of Manibridge	08-Aug-10	MLL
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Lycaena hyllus rare	: Highway 6 three miles south of Kiski Lake	17-Aug-10	MLL
<b>NYMPHALIDAE</b>			
Cercyonis pegala rare	: Highway 6 three miles south of Kiski Lake	17-Aug-10	MLL
Speyeria atlantis uncommon	: Forest road 10 miles SE of Thompson	08-Aug-10	MLL
Speyeria atlantis common	: Highway 6 eight miles west of Hill Lake	08-Aug-10	MLL
Speyeria atlantis uncommon	: Manitoba 391 three miles east of Muskwa Lake	09-Aug-10	MLL
Speyeria atlantis common	: Highway 6 three miles south of Kiski Lake	17-Aug-10	MLL
Speyeria cybele uncommon	: Highway 6 three miles south of Kiski Lake	17-Aug-10	MLL
Boloria bellona uncommon	: Highway 6 three miles south of Kiski Lake	17-Aug-10	MLL
Boloria chariclea montinus rare	: Forest road 10 miles SE of Thompson	08-Aug-10	MLL
Boloria chariclea montinus uncommon	: Manitoba 391 three miles east of Muskwa Lake	09-Aug-10	MLL
Boloria chariclea montinus common	: Highway 6 three miles south of Kiski Lake	17-Aug-10	MLL
Aglais milberti rare	: Highway 6 three miles south of Kiski Lake	17-Aug-10	MLL
Nymphalis antiopa rare	: Highway 6 three miles south of Kiski Lake	17-Aug-10	MLL
Polygonia faunus uncommon	: Forest road 10 miles SE of Thompson	08-Aug-10	MLL
Phyciodes cocyta common	: Manitoba 391 three miles east of Muskwa Lake	09-Aug-10	MLL

## KANSAS

The following records were submitted independently by James Adams and Charles Ely.

### Moths

#### COSSIDAE

Prionoxystus macmurtrei STATE; leg. Glenn A. Salbury (id JK Adams)	CHEROKEE: Galena, 2 mi S, ne Schermerhorn Park	14-Apr-10	KLS
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#### TORTRICIDAE

Phaneta umbrastriana leg John J. Bollin III (id JW Brown)	LEAVENWORTH: Leavenworth	11-Sep-09	KLS
Phaneta umbrastriana STATE; leg. Glenn A. Salbury (id JW Brown)	BOURBON: Fort Scott, 10 mi SW (Hollister Wildlife Area)	21-Aug-10	KLS
Eucosma bobana leg Glenn A. Salsbury (id JW Brown)	CRAWFORD: Frontenac	15-May-09	KLS
Epiblema tripartitana leg Thomas L. Flowers (id JW Brown)	MEADE: Meade	29-Jun-08	KLS
Epiblema tripartitana leg Vernon L. Wranosky (id JW Brown)	THOMAS: Colby	06-Jun-09	KLS
Argyrotaenia velutinana leg John M. Schukman (id JW Brown)	LEAVENWORTH: Lansing, 2 mi S	24-Sep-09	KLS
Choristoneura rosaceana leg Glenn A. Salsbury (id JW Brown)	CRAWFORD: Frontenac	29-Jul-09	KLS
Choristoneura rosaceana leg Mike E. Bollin (id JW Brown)	LABETTE: Montana, 1 mi N (Neosho R.)	02-Aug-09	KLS
Choristoneura rosaceana leg Dennis R. Angle (id JW Brown)	BARBER: Medicine Lodge	23-Aug-09	KLS
Choristoneura rosaceana leg John J. Bollin III (id JW Brown)	LEAVENWORTH: Leavenworth	11-Sep-09	KLS
Cudonigera houstonana leg Kenneth L. Brunson	PRATT: Pratt, 1 mi N, 3 mi E	19-Jul-08	KLS
Cudonigera houstonana leg Dennis R. Angle (id JW Brown)	BARBER: Medicine Lodge	05-Sep-09	KLS
Archips argyrospila leg John J. Bollin III (id JW Brown)	ATCHISON: Potter, 8 mi E, 0.5 N	08-Nov-09	KLS
Clepsis clemensiana STATE; leg Charles A. Ely (id JW Brown)	GREENWOOD: Fall River; 4 mi N, 1 mi W (Fall River SP)	15-Jun-07	KLS



<i>Clepsis clemensiana</i> leg Edwin J. Miller (id JW Brown)	CHAUTAUQUA: Sedan, 3 mi S, 2 mi W	05-Sep-08	KLS
<i>Clepsis clemensiana</i> leg Glenn A. Salsbury (id JW Brown)	BOURBON: Fort Scott, 8 mi SW (Hollister Wildlife Area)	30-Sep-08	KLS
<i>Clepsis clemensiana</i> leg Kenneth L. Brunson (id JW Brown)	PRATT: Pratt, 1 mi N, 3 mi E	17-Jul-09	KLS
<i>Clepsis clemensiana</i> leg Marva L. Weigelt (id JW Brown)	CHASE: Matfield Green, 10 mi SE	24-Aug-09	KLS
<b>GEOMETRIDAE</b>			
<i>Macaria promiscuata</i> leg Edwin J. Miller (id Charles A. Ely)	CHAUTAUQUA: Sedan, 3 mi S, 2 mi W	30-Jun-08	KLS
<i>Speranza ambloflava</i> leg Kenneth L. Brunson (id Charles A. Ely)	PRATT: Pratt, 1 mi N, 3 mi E	27-Aug-08	KLS
<i>Semiothisa quadrinotaria</i> leg John J. Bollin III (id confirmed JKA)	LEAVENWORTH: Potter, 8 mi E, 0.6 N (bluffs, Missouri R.)	19-May-10	KLS
<i>Chloraspilates bicoloraria</i> STATE; (2 specimens)	BARBER: Gyp Hills, 15 miles W of Medicine Lodge	19-Jul-10	A/A
<i>Erastria coloraria</i> Local in state	BARBER: Gyp Hills, 15 miles W of Medicine Lodge	19-Jul-10	A/A
<i>Xanthorhoe lacustrata</i> leg John J. Bollin III; few KS specimens	LEAVENWORTH: Leavenworth	15-Apr-10	KLS
<i>Eubaphe unicolor</i> uncommon in state	BARBER: Gyp Hills, 15 miles W of Medicine Lodge	19-Jul-10	A/A
<i>Heterophelps triguttaria</i> leg Glenn A. Salsbury (id James K. Adams)	CRAWFORD: Pittsburg, 2 mi W (Mined Lands Wildlife Area)	14-May-10	KLS
<i>Heterophelps triguttaria</i> leg John J. Bollin III (id James K. Adams)	LEAVENWORTH: Potter, 8 mi E, 0.6 mi N (bluffs, Missouri R.)	19-May-10	KLS
<b>THYATIRIDAE</b>			
<i>Pseudothyatira cymatophoroides</i> STATE; leg Glenn A. Salsbury	CRAWFORD: Frontenac	29-Aug-10	KLS
<b>SPHINGIDAE</b>			
<i>Sphinx vashti</i>	CHEYENNE: St. Francis	18-Jul-10	A/A
<b>ARCTIIDAE</b>			
<i>Grammia anna</i> leg John J. Bollin III; few localities in KS	ATCHISON: Potter, 8 mi E. 0.5 mi N	29-Jun-10	KLS
<i>Grammia blakei</i> early in year	CHEYENNE: St. Francis	18-Jul-10	A/A
<b>NOCTUIDAE</b>			
<i>Hormoschista latipalpis</i> leg Glenn A. Salsbury (id James K. Adams)	CRAWFORD: Frontenac	18-Sep-10	KLS
<i>Anomis illita</i> leg Charles A. Ely; few KS records	COWLEY: Winfield, 8 mi N (Winfield City Lake, W end)	01-Oct-06	KLS
<i>Spiloloma lunilinea</i> uncommon	BARBER: 4 miles W of Medicine Lodge	19-Jul-10	A/A
<i>Catocala innubens</i> COUNTY record; west of previously recorded range for this <i>Gleditsia</i> feeder	CHEYENNE: St. Francis	18-Jul-10	A/A
<i>Deltote bellicula</i> leg Glenn A. Salsbury, few specimens (id JKA)	BOURBON: Fort Scott, 9 mi SW (Hollister Wildlife Area)	31-Jul-09	KLS
<i>Bagisara buxea</i> STATE; leg Thomas L. Flowers (id James K. Adams)	MEADE: Meade	02-Jun-08	KLS
<i>Harrisimemna trisignata</i> STATE; leg John J. Bollin III (id Charles A. Ely)	LEAVENWORTH: Potter, 8 mi E., 0.6 mi N (bluffs, Missouri River)	19-Mar-10	KLS
<i>Harrisimemna trisignata</i> leg. Glenn A. Salsbury, few specimens (id by GAS)	LABETTE: St. Paul, 1 mi S	17-Aug-10	KLS
<i>Homohadena infixia</i> leg John J. Bollin III (id James K. Adams)	LEAVENWORTH: Leavenworth	16-Jun-10	KLS
<i>Heliocheilus lupatus</i> Very uncommon in KS	BARBER: Gyp Hills, 15 miles W of Medicine Lodge	19-Jul-10	A/A
<i>Schinia alencis</i> STATE; leg Jim Vargo	MORTON: Cimarron National Grassland	09-Sep-07	A/A
<i>Schinia bimatrix</i> leg Kenneth L. Brunson (id Charles A. Ely)	PRATT: Pratt, 3 mi E, 1 mi N	19-Aug-10	KLS
<i>Schinia citrinella</i> Uncommon this far east	BARBER: Gyp Hills, 15 miles W of Medicine Lodge	19-Jul-10	A/A
<i>Schinia crenilinea</i> leg Charles A. Ely (id James K. Adams)	WOODSON: Toronto, 1.5 mi SE (Cross Timbers St Pk)	14-Jun-07	KLS
<i>Schinia obliqua</i> STATE; leg Jim Vargo	MORTON: Cimarron National Grassland	09-Sep-07	A/A

Schinia simplex COUNTY record; few in state	CHEYENNE: St. Francis	18-Jul-10	A/A
Trachea delicata leg. D. Lambley; few KS specimens	SHAWNEE:	10-May-76	KLS
Trachea delicata COUNTY record; local in state	CHEYENNE: St. Francis	18-Jul-10	A/A
Meropleon titan leg Glenn A. Salsbury (id Charles a. Ely)	BOURBON: Fort Scott, 8 mi SW (Hollister Wildlife Area)	30-Sep-08	KLS
Euxoa siccata leg Glenn A. Salsbury (id James K. Adams)	KIOWA: Greensburg, 5 mi N	12-Oct-96	KLS
Noctua pronuba leg Kenneth L. Brunson (id Charles A. Ely)	PRATT: Pratt, 3 mi E., 1 mi N	22-May-09	KLS
Noctua pronuba leg Charles A. Ely	RENO: Hutchinson, 1 mi W.	23-May-10	KLS
Noctua pronuba leg Mike E. Bollin (id Charles a. Ely)	LABETTE: Montana, 1 mi W (Neosho River)	13-Jun-10	KLS
Noctua pronuba leg Glenn A. Salsbury	OSBORNE: Osborne	27-Jul-10	KLS
Pseudohermonassa bicarnea leg John M. Schukman (id James K. Adams)	LEAVENWORTH: Lansing, 2 mi S.	13-Sep-07	KLS

## NEBRASKA

Neil Dankert and Steve Spomer submitted the following records.

### Butterflies

#### HESPERIIDAE

Pholisora catullus (leg. Amy D. Hughes)	GARFIELD: in Burwell	02-Jul-10	SMS
Ancyloxypha numitor	BOONE: Beaver Crk	09-Jul-10	SMS
Hylephila phyleus	STANTON: Wood Duck SWMA	26-Aug-10	SMS
Hylephila phyleus	BLAINE: in Brewster	05-Sep-10	NED
Atalopedes campestris	BUTLER: Brainard Cemetery	16-Jul-10	SMS
Polites origenes rhena (leg. Amy D. Hughes)	GARFIELD: in Burwell	20-Jun-10	SMS

#### PAPILIONIDAE

Battus philenor	GAGE: 4 mi W, 0.5 mi N of Adams	31-May-10	D-R
Papilio cresphontes (4-H record)	MADISON:	16-Aug-10	SMS
Papilio glaucus	GREELEY: Happy Jack Peak/Scotia Chalk Mine	11-Jul-10	NED
Papilio polyxenes asterius	FRANKLIN: nr Bloomington	25-May-10	SMS
Papilio polyxenes asterius	GREELEY: Happy Jack Peak/Scotia Chalk Mine	11-Jul-10	NED

#### PIERIDAE

Zerene cesonia	LINCOLN: Box Elder SWMA	06-Jul-10	D-R
Pyrisitia lisa	WEBSTER: Indian Crk SWMA	25-May-10	SMS
Pyrisitia lisa	COLFAX: Whitetail SWMA	16-Jul-10	SMS
Abaeis nicippe	FRANKLIN: 2 mi S Naponee	25-May-10	SMS
Abaeis nicippe	SIOUX: Coffee Park, Sowbelly Cyn	28-May-10	SMS
Nathalis iole	JOHNSON: Osage SWMA	06-May-10	SMS

#### LYCAENIDAE

Feniseca tarquinius leg. Ralph Wall; first record in 15 years	Lancaster: Pawnee Lake SRA	19-Sep-10	R_W
Lycaena hyllus	VALLEY: 1 mi S Jct Hwys 70 & 22	11-Jul-10	NED
Celastrina neglecta	WASHINGTON: Boyer Chute NWR	09-Jun-10	SMS
Celastrina neglecta (leg. Amy D. Hughes)	GARFIELD: in Burwell	20-Jun-10	SMS
Celastrina neglecta	GREELEY: Happy Jack Peak/Scotia Chalk Mine	11-Jul-10	NED
Celastrina neglecta	VALLRY: 1 mi S Jct Hwys 70 & 22	11-Jul-10	NED
Echinargus isola alce	BUTLER: Brainerd Cemetery	16-Jul-10	SMS

#### NYMPHALIDAE

Limenitis archippus	GREELEY: 1 mi S, 0.5 mi E Scotia	11-Jul-10	JLD
Limenitis arthemis astyanax (leg. Amy D. Hughes)	GARFIELD: in Burwell	23-Jul-10	SMS
Vanessa virginiensis	NANCE: Prairie Wolf SWMA	07-Aug-10	NED
Nymphalis antiopa	GREELEY: 1 mi S, 0.5 mi E Scotia	11-Jul-10	JLD
Junonia coenia (Haley Dohman, 4-H record)	PIERCE:	18-Jul-10	SMS
Phyciodes phaon	DOUGLAS: Heron Haven	29-Sep-10	BEP
Anthanassa texana	SIOUX: Coffee Park, Sowbelly Cyn	28-May-10	SMS

## Moths

### SPHINGIDAE

Manduca quinquemaculatus (leg. Emma Ruskamp)	BUTLER:	14-Jul-10	SMS
Manduca quinquemaculatus	RED WILLOW: in McCook at lights	20-Aug-10	SMS
Manduca quinquemaculatus (leg. Amy D. Hughes)	GARFIELD: in Burwell	10-Sep-10	SMS
Ceratomia undulosa (leg. K. Miwa)	SAUNDERS: University of NE ARDC	14-Jun-10	SMS
Sphinx vashti (leg. Ruby M. Reynolds)	HITCHCOCK: Carlson farm	30-Aug-10	SMS
Paonias excaecata (leg. K. Miwa)	SAUNDERS: University of NE ARDC	14-Jun-10	SMS
Paonias myops (leg. K. Miwa)	SAUNDERS: University of NE ARDC	14-Jun-10	SMS
Eumorpha pandorus (leg. K. Miwa)	SAUNDERS: University of NE ARDC	14-Jun-10	SMS
Eumorpha pandorus	RED WILLOW: in McCook at lights	20-Aug-10	SMS
Hyles euphorbiae (leg. Mark Keck, 4-H record)	PIERCE: in Plainview	15-Jul-10	SMS
Hyles euphorbiae (leg. Kaitlyn Beach, 4-H record)	DIXON:	20-Aug-10	SMS
Hyles lineata (leg. Emma Ruskamp)	BUTLER:	03-Jul-10	SMS
Hyles lineata	RED WILLOW: in McCook at lights	20-Aug-10	SMS

### NOCTUIDAE

Catocala nebulosa	NEMAHA: Indian Caves SP, scenic overlook, MV	10-Aug-10	SMS
Papaipema cataphracta	LANCASTER:	06-Aug-10	15-Sep-10 SMS
STATE; Lincoln, ex larva on Buddleia coll.			

## NORTH DAKOTA

Ron Royer reported that the 2010 season was remarkably normal, with the exception that *Hesperia ottoe* was encountered in several McKenzie County locations for the first time in many years. Once again, survey work for the US Forest Service precluded more extensive inventory of butterflies.

## Butterflies

### HESPERIIDAE

<i>Hesperia ottoe</i> Infrequent but widespread	McKenzie: LMNG Pastures 2,10 & 11	26-Jun-10	03-Jul-10	RAR
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### PIERIDAE

<i>Nathalis iole</i> several photographed; first ND record in many years	Billings: Paddock Trail, South Unit, Theodore Roosevelt NP	01-Jul-10	JFG
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### NYMPHALIDAE

<i>Limenitis archippus</i> Second year of observation, confirmed by photo	MCKENZIE: Sundheim Park, East Fairview	16-Aug-10	MOO
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## OKLAHOMA

John Fisher indicated that there was not a whole lot of activity this year, although he did get a number of reports from several "reformed birders." Significant finds included state records for *Hyalophora columbia gloveri* at Black Mesa SP in Cimarron County and for *Callosamia promethea* at TNC's Nickel Preserve in Cherokee County. He also recorded a number of records of the recently introduced pest species, *Duponchelia fovealis*, most of them from pheromone traps set out by the USDA at nurseries or greenhouses, although the state record was at a black light.

## Butterflies

### HESPERIIDAE

<i>Epargyreus clarus</i> photo	ATOKA: McGee Creek WMA	30-Jun-10	A&W
<i>Epargyreus clarus</i> photo	TILLMAN: Hackberry Flat WMA, 1 mi S	20-Jul-10	A&W
<i>Epargyreus clarus</i> photo	JACKSON: Warren, 1 mi W on Hwy 19	21-Jul-10	A&W
<i>Cogia outis</i> photo	JACKSON: Warren, 1 mi W on Hwy 19	21-Jul-10	A&W
<i>Pholisora catullus</i> photo	ROGER MILLS: Black Kettle NG, Washita Battlefield	21-Apr-10	VDB
<i>Erynnis funeralis</i> photo by A Bennett	CHOCTAW: Sawyer, adjacent to Hugo Lake SP	23-Jun-10	F-N
<i>Erynnis funeralis</i> photo	ATOKA: McGee Creek WMA	30-Jun-10	A&W

Erynnis funeralis photo	MAJOR: Ames, SW at Cimarron River	10-Jul-10	JWA
Erynnis horatius photo	JACKSON: Warren, 1 mi W on Hwy 19	21-Jul-10	A&W
Erynnis zarucco BioBlitz	KAY: Kaw Lake, Camp McFadden	09-Oct-10	F-N
Amblyscirtes belli photo	PONTOTOC: TNC Pontotoc Ridge Preserve	24-Jun-10	JH2
Amblyscirtes belli photo	MAYES: Lake Hudson	09-Aug-10	A&W
Amblyscirtes eos photo	TILLMAN: Hackberry Flat WMA, 1 mi S	20-Jul-10	A&W
Amblyscirtes eos photo	JACKSON: Warren, 1 mi W on Hwy 19	21-Jul-10	A&W
Amblyscirtes nysa photo	CHEROKEE: Cherokee WMA	24-May-10	A&W
Lerodea eufala photo	CADDO: Ft. Cobb SP	21-Jul-10	A&W
Lerodea eufala photo by A Bennett	CHOCTAW: Sawyer, adjacent to Hugo Lake SP	24-Aug-10	JFF
Nastra lherminier	SEQUOYAH: Nicut, Lee Creek S of Adair Co. line	12-Jun-10	KD
Hesperia attalus photo	ROGER MILLS: Black Kettle Lake, north side	03-Sep-10	VDB
Hesperia attalus photo	CUSTER: Foss SP	05-Sep-10	VDB
Hesperia leonardus photo, female	MCCURTAIN: Red Slough WMA, Otter Lake	28-Oct-09	WDA
Hesperia metea photo	CHEROKEE: Cherokee WMA	20-Apr-10	28-Apr-10 A&W
Hesperia uncas photo	ROGER MILLS: Black Kettle Lake, north side	03-Sep-10	VDB
Polites origenes	SEMINOLE: I-40, eastbound rest stop	05-Jun-10	KD
Polites origenes photo	MAYES: Lake Hudson	09-Aug-10	A&W
Polites origenes photo	WAGONER: Ft. Gibson WMA, S of Jackson Bay	24-Aug-10	JWA
Wallengrenia egeremet	SEQUOYAH: Nicut, Lee Creek S of Adair Co. line	05-Jun-10	KD
Wallengrenia otho	CANADIAN: I-40, eastbound rest stop & picnic area	04-Jun-10	KD
Wallengrenia otho	SEMINOLE: I-40, eastbound rest stop	05-Jun-10	KD
Wallengrenia otho photo	ROGER MILLS: Black Kettle Lake, east side	04-Sep-10	VDB
Pompeius verna	SEQUOYAH: Nicut, Lee Creek S of Adair Co. line	09-Jun-10	KD
Pompeius verna photo	CHEROKEE: Western Hills Lodge area	28-Jul-10	A&W
Pompeius verna photo	MAYES: Lake Hudson	09-Aug-10	A&W
Pompeius verna photo	DELAWARE: Choleta, 1.5 mi S at Spavinaw Cr.	09-Aug-10	A&W
Atrytone arogos iowa	CANADIAN: I-40, eastbound rest stop & picnic area	04-Jun-10	KD
Anatrytone logan	SEQUOYAH: Nicut, Lee Creek S of Adair Co. line	05-Jun-10	KD
Poanes yehl	SEQUOYAH: Nicut, Lee Creek S of Adair Co. line	09-Jun-10	KD
Euphyes vestris	SEMINOLE: I-40 eastbound rest stop	05-Jun-10	KD
Calpododes ethlius photo by J Woodward, ovipositing on cannas	CANADIAN: Mustang, west side	21-Sep-10	JFF
<b>PAPILIONIDAE</b>			
Battus philenor photo	TILLMAN: Hackberry Flat WMA, 1 mi S	20-Jul-10	A&W
Battus philenor sight	LINCOLN: Prague Lake	24-Sep-10	F-N
<b>PIERIDAE</b>			
Zerene cesonia	SEQUOYAH: Lee Creek @ Hwy 101 & Rd to Nicut	09-Jun-10	KD
Phoebis philea photo, female	ROGERS: Owasso, 4 mi E	08-Oct-08	KCW
<b>LYCAENIDAE</b>			
Satyrrium favonius ontario Photo by S Hunter	PONTOTOC: TNC Pontotoc Ridge Preserve	12-May-10	JFF
Satyrrium titus	SEQUOYAH: Nicut, Lee Creek S of Adair Co. line	09-Jun-10	KD

Parrhasius m-album photo	CHEROKEE: Cookson WMA	30-Mar-10	A&W
Echinargus isola	SEQUOYAH: Nicut, Lee Creek S of Adair Co. line	05-Jun-10	KD
<b>NYMPHALIDAE</b>			
Lethe anthedon photo	WAGONER: Ft. Gibson Dam, downstream on west bank	21-Aug-10	A&W
Hermeuptychia sosybius photo	WAGONER: Ft. Gibson WMA, S of Jackson Bay	24-Aug-10	JWA
Speyeria diana sight, male	SEQUOYAH: Nicut, Lee Creek S of Adair Co. line	12-Jun-10	KD
Asterocampa clyton	SEMINOLE: I-40 eastbound rest stop	05-Jun-10	KD
Polygonia comma photo	WAGONER: Ft. Gibson Dam, downstream	20-Aug-10	A&W
Chlosyne lacinia photo by J Grzybowski	CIMARRON: Black Mesa SP	07-Sep-07	JFF
Chlosyne lacinia photo	CHEROKEE: Western Hills SP	07-Oct-09	JWA
Chlosyne nycteis photo	ATOKA: McGee Creek WMA	30-Jun-10	A&W
Chlosyne nycteis photo	JACKSON: Warren, 1 mi W on Hwy 19	21-Jul-10	A&W
Chlosyne nycteis	CADDO: Ft. Cobb SP	21-Jul-10	A&W
Phyciodes graphica photo	TILLMAN: Hackberry Flat WMA, 1 mi S	20-Jul-10	A&W
Phyciodes phaon photo	CIMARRON: Red Canyon area	06-May-10	JWA
Anthanassa texana	KAY: Kaw Lake, Camp McFadden	08-Oct-10	BJS
<b>Moths</b>			
<b>NEPTICULIDAE</b>			
Stigmella resplendensella photo, STATE	WASHINGTON: Bartlesville	29-Apr-10	MJD
<b>TINEIDAE</b>			
Isocorypha mediostriatella at BL, det. BoL, STATE	WASHINGTON: Bartlesville	11-Jul-09	MJD
<b>BUCCULATRICIDAE</b>			
Bucculatrix ainliella at BL, photo, STATE	WASHINGTON: Bartlesville	14-Oct-10	MJD
<b>GRACILLARIIDAE</b>			
Caloptilia stigmatella at BL, det. BoL, STATE	WASHINGTON: Bartlesville	19-Aug-09	MJD
Marmara fasciella at BL, det. BoL, STATE	WASHINGTON: Bartlesville	08-Jun-09	MJD
<b>OECOPHORIDAE</b>			
Gonioterma mistrella at BL	TULSA: Bixby	03-Jun-10	JMN
<b>ELACHISTIDAE</b>			
Depressariodes gracilis at lights, photo, STATE	CIMARRON: Black Mesa SP	20-Apr-10	VDB
<b>GELECHIIDAE</b>			
Aristotelia devexella at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, Prairie area	15-Sep-10	JAT
Aristotelia fungivorella Photo, at BL, STATE	WASHINGTON: Bartlesville	03-Jul-02	MJD
Stegasta bosqueella at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	25-Sep-10	F-N
Syncopacma palpilineella at BL, det. BoL, STATE	WASHINGTON: Bartlesville	19-Aug-09	MJD
Trichotaphe setosella at BL, on prairie	PONTOTOC: TNC Pontotoc Ridge Preserve	25-Sep-10	JAT
<b>COSMOPTERIGIDAE</b>			
Triclonella determinatella at BL, specimen lost - too much show & tell	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	25-Sep-10	01-Sep-08 F-N
<b>PLUTELLIDAE</b>			
Plutella xylostella at BL	TULSA: Bixby	11-Apr-10	JMN
<b>THYRIDIDAE</b>			

Thyris sepulchralis photo	CHEROKEE: Cherokee WMA	20-Apr-10	JWA
<b>CRAMBIDAE</b>			
Achyra rantalis 2, at BL	JOHNSTON: Tishomingo NWR, HQ	10-Jun-10	F-N
Achyra rantalis at BL, BioBlitz	KAY: Kaw Lake, Camp McFadden	18-Oct-10	F-N
Agriphila vulgivaella 4, at BL, BioBlitz	KAY: Kaw Lake, Camp McFadden	18-Oct-10	F-N
Anageshna primordialis	MCCURTAIN: Beavers Bend SP	07-May-10	JMN
Apogeshna stenialis	MCCURTAIN: Beavers Bend SP	07-May-10	JMN
Blepharomastix ranalis at lights, photo	CLEVELAND: Norman	28-Jul-10	VDB
Condylorrhiza vestigialis at BL, photo	WASHINGTON: Bartlesville	16-Oct-10	MJD
Crambus leachellus at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	25-Sep-10	F-N
Crambus leachellus 3, at BL, BioBlitz	KAY: Kaw Lake, Camp McFadden	18-Oct-10	F-N
Crambus watsonellus at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	25-Sep-10	F-N
Diacme mopsalis at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, prairie site	25-Sep-10	JAT
Diasemiodes nigralis Photo, at BL, STATE	WASHINGTON: Bartlesville	20-Sep-10	MJD
Diastictis fracturalis 2, at BL	JOHNSTON: Tishomingo NWR, HQ area	10-Jun-10	F-N
Diastictis ventralis at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	11-Jun-10	F-N
Diastictis ventralis at lights, photo	CLEVELAND: Norman	10-Sep-10	VDB
Donacaula melinella at BL	TULSA: Bixby	02-May-10	JMN
Epipagis huronalis Bioblitz	KAY: Kaw Lake, Camp McFadden	18-Oct-10	F-N
Euchromius ocellus 2, at BL, BioBlitz	KAY: Kaw Lake, Camp McFadden	18-Oct-10	F-N
Hahncappisia mancalis at BL	OSAGE: TNC Tallgrass Prairie Preserve, Foreman's House	25-Jun-10	JFF
Herpetogramma bipunctalis 3, at BL, BioBlitz	KAY: Kaw Lake, Camp McFadden	18-Oct-10	F-N
Herpetogramma phaeopteralis 2, at BL	TULSA: Bixby	16-Aug-10	JMN
Hymenia perspectalis at lights, photo	CLEVELAND: Norman	11-Sep-10	VDB
Leptosteges parthenialis 2, at BL	OSAGE: TNC Tallgrass Prairie Preserve, Foreman's House	25-Jun-10	JFF
Loxostege sticticalis at BL, photo	WASHINGTON: Bartlesville	06-Sep-10	MJD
Lygropia octonalis at BL	OSAGE: TNC Tallgrass Prairie Preserve, Foreman's House	25-Jun-10	JFF
Munroessa gyralis at BL	TULSA: Bixby	01-Jun-10	03-Jun-10 JMN
Nascia acutella at BL	MCCURTAIN: Hochatown, Whip-Poor-Will Resort	06-May-10	JMN
Neodactria caliginosella at BL, det. BoL, STATE	WASHINGTON: Bartlesville	29-May-09	MJD
Parapediasia decorella at BL	JOHNSTON: Tishomingo NWR, HQ	10-Jun-10	F-N
Pilocrocis ramentalis at lights, photo	CLEVELAND: norman	08-Sep-10	VDB
Pyrausta laticlavia at BL	JOHNSTON: Tishomingo NWR, HQ area	10-Jun-10	F-N
Pyrausta nexalis at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	11-Jun-10	F-N
Pyrausta niveicillialis at BL	MCCURTAIN: Hochatown, Whip-Poor-Will Resort	07-May-10	JMN
Saucrobotys futilalis	LINCOLN: Prague Lake	25-Sep-10	F-N

<i>Sericopлага externalis</i> at BL	JOHNSTON: Tishomingo NWR, HQ	11-Jun-10	F-N
<i>Spoladea recurvalis</i> in old field, BioBlitz	KAY: Kaw Lake, Camp McFadden	18-Oct-10	F-N
<i>Uresiphita reversalis</i> larva on Baptisia, photo by L Hendrick	OKLAHOMA: The Village (OKC)	26-Jun-10	JFF
<i>Vaxi auratella</i> at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	25-Sep-10	F-N
<i>Baphala pallida</i> Photo, at BL	WASHINGTON: Bartlesville	16-Sep-10	MJD
<i>Duponchelia fovealis</i> photo, STATE	WASHINGTON: Bartlesville	29-Jun-10	MJD
<i>Duponchelia fovealis</i> adult, USDA pheromone trap	MCCLAIN: Washington	30-Sep-10	JFF
<i>Duponchelia fovealis</i> adult, USDA pheromone trap	TULSA: Tulsa	05-Oct-10	JFF
<i>Duponchelia fovealis</i> adult, USDA pheromone trap	WAGONER: Broken Arrow	07-Oct-10	JFF
<i>Duponchelia fovealis</i> adult, USDA pheromone trap	OKLAHOMA: Oklahoma City	12-Oct-10	JFF
<i>Duponchelia fovealis</i> adult, USDA pheromone trap	CLEVELAND: Oklahoma City	12-Oct-10	JFF
<i>Duponchelia fovealis</i> adult, USDA pheromone trap	PONTOTOC: Ada	13-Oct-10	JFF
<i>Duponchelia fovealis</i> adult, USDA pheromone trap	CHEROKEE: Hulbert	15-Oct-10	JFF
<i>Duponchelia fovealis</i> adult, USDA pheromone trap	CANADIAN: Mustang	25-Oct-10	JFF
<i>Duponchelia fovealis</i> adult, USDA pheromone trap	POTTOWATOMIE: Shawnee	25-Oct-10	JFF
<b>PYRALIDAE</b>			
<i>Macalla zelleri</i> at BL	JOHNSTON: Tishomingo NWR, HQ area	10-Jun-10	F-N
<i>Cacozelia basiochrealis</i> 2, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HW area	11-Jun-10	F-N
<i>Oneida lunulalis</i> at BL	MCCURTAIN: Hochatown, WhipPoorWill Resort	06-May-10	JMN
<i>Pococera melanogrammos</i> 2, at BL	OSAGE: TNC Tallgrass Prairie Preserve	25-Jun-10	JFF
<i>Pococera militella</i> 2, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	11-Jun-10	F-N
<i>Omphalocera cariosa</i> 2, at BL	JOHNSTON: Tishomingo NWR, HQ area	10-Jun-10	F-N
<i>Alpehioides parvulalis</i> photo, STATE	ROGER MILLS: Black Kettle Nat'l Grassland	21-Aug-09	VDB
<i>Acrobasis exsulella</i> at BL	MCCURTAIN: Little River NWR	08-May-09	F-N
<i>Acrobasis exsulella</i> at BL	TULSA: Sand Springs, 3 mi W	25-May-09	JFF
<i>Acrobasis juglandis</i> at BL	MCCURTAIN: Hochatown, Whip-Poor-Will Resort	06-May-10 07-May-10	JMN
<i>Salebriaria atratella</i> at BL	JOHNSTON: Tishomingo NWR, HQ area	10-Jun-10	F-N
<i>Salebriaria kanawha</i> at BL, det. BoL, STATE	WASHINGTON: Bartlesville	02-Jun-09	MJD
<i>Salebriaria roseopunctella</i> at BL, det. BoL, STATE	WASHINGTON: Bartlesville	30-Jul-09	MJD
<i>Salebriaria turpidella</i> at BL, det. BoL, STATE	WASHINGTON: Bartlesville	09-Jun-09	MJD
<i>Homoeosoma deceptorium</i> at BL	TULSA: Sand Springs, 3 mi W	11-Apr-09	JFF
<i>Homoeosoma illuviellum</i> at BL, photo, DNA match to genus, STATE	WASHINGTON: Bartlesville	18-May-10	MJD
<i>Peoria longipalpella</i> at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	25-Sep-10	F-N
<i>Goya stictella</i> at BL, det. BoL, STATE	WASHINGTON: Bartlesville	24-Jul-09	MJD
<b>PTEROPHORIDAE</b>			

Oidaematophorus inquinatus at BL	PONTOTOC: TNC Pontotoc ridge Preserve, HW area	25-Sep-10	JAT
Pselnophorus belfragei at BL, BioBlitz	KAY: Kaw Lake, Camp McFadden	18-Oct-10	F-N
<b>ZYGAENIDAE</b>			
Harrisina americana texana photo by J Hopkins	JOHNSTON: Milburn	15-Aug-10	JFF
<b>EPIPYROPIDAE</b>			
Fulgoraecia exigua at BL, photo, STATE	WASHINGTON: Bartlesville	10-Sep-10	MJD
<b>LIMACODIDAE</b>			
Packardia geminata 2, at BL	MCCURTAIN: Hochatown, Whip-Poor-Will Resort	06-May-10	JMN
<b>TORTRICIDAE</b>			
Catastega timidella at BL, det. BoL, STATE	WASHINGTON: Bartlesville	12-May-09	MJD
Phaneta pallidicostana photo, STATE	WASHINGTON: Bartlesville	09-Jun-10	MJD
Phaneta verna at BL	OSAGE: TNC Tallgrass Prairie Preserve, Foreman's House	25-Jun-10	JFF
Eucosma robinsonana at BL	OSAGE: TNC Tallgrass Prairie Preserve, Foreman's House	25-Jun-10	JFF
Pelochrista metariana at BL, Det BoL, DNA, STATE	WASHINGTON: Bartlesville	31-May-09	MJD
Epiblema scudderiana at BL	OSAGE: TNC Tallgrass Prairie Preserve, Foreman's House	25-Jun-10	JFF
Pseudexentera maracana at BL, det. BoL, STATE	WASHINGTON: Bartlesville	03-Apr-10	MJD
Epinotia sotipena at BL, det. BoL, STATE	WASHINGTON: Bartlesville	08-Feb-09	MJD
Pandemis lamprosana at BL	JOHNSTON: Tishomingo NWR, HQ area	10-Jun-10	F-N
Pandemis limitata at BL	MCCURTAIN: Hochatown, Whip-Poor-Will Resort	06-May-10	JMN
Pandemis limitata at BL	JOHNSTON: Tishomingo NWR, HQ area	10-Jun-10	F-N
Argyrotaenia alisellana 2, at BL, STATE	MCCURTAIN: Hochatown, Whip-Poor-Will Resort	06-May-10	JMN
Sparganothis sulfureana at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, prairie site	25-Sep-10	JAT
Sparganothis unifasciana at BL, STATE	OSAGE: TNC Tallgrass Prairie Preserve	26-Jun-09	JMN
<b>GEOMETRIDAE</b>			
Digrammia delectata at BL	TULSA: Bixby	02-May-10	JMN
Digrammia gnophosaria at BL	PONTOTOC: TNC Pontotoc Ridge Preserve	26-Aug-09	JFF
Digrammia irrorata at BL	JOHNSTON: Tishomingo NWR	10-Jun-10	F-N
Digrammia ocellinata at BL, BioBlitz	KAY: Kaw Lake, Camp McFadden	18-Oct-10	F-N
Narraga fimetaria at lights, photo by P Hoerth	NOBLE: Red Rock	28-Aug-09 29-Aug-09	JFF
Glena cribrataria at BL	MCCURTAIN: Hochatown, Whip-Poor-Will Resort	08-May-10	JMN
Anacamptodes humaria at BL	MCCURTAIN: Hochatown, Whip-Poor-Will Resort	06-May-10	JMN
Anacamptodes vellivolata at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	11-Jun-10	F-N
Hypagyrtis unipunctata at lights, photo by P Hoerth	NOBLE: Red Rock	28-Aug-09 29-Aug-09	JFF
Lomographa vestaliata 3, at BL	JOHNSTON: Tishomingo NWR, HQ area	10-Jun-10	F-N
Episemasia cervinaria at BL	JOHNSTON: Tishomingo NWR, HQ	10-Jun-10	F-N
Euchlaena pectinaria at BL	JOHNSTON: Tishomingo NWR, HQ area	10-Jun-10	F-N



Nacophora quernaria at BL	MCCURTAIN: Hochatown, Whip-Poo-rWill Resort	06-May-10		JMN
Ennomos magnaria lights	TULSA: Sand Springs	07-May-10		JFF
Probole alienaria photo	CLEVELAND: Lexington WMA	23-Apr-10		BER
Plagodis alcoolaria at BL	MCCURTAIN: Hochatown, Whip-Poor-Will Resort	08-May-10		JMN
Lychnosea intermicata at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	11-Jun-10		F-N
Besma quercivoraria at BL	MCCURTAIN: Hochatown, Whip-Poor-Will Resort	08-May-10		JMN
Patalene olyzonaria at BL	JOHNSTON: Tishomingo NWR, HQ area	10-Jun-10		F-N
Nemoria bifilata at BL	TULSA: Sand Springs, 3 mi W	20-Mar-09		JFF
Lobocleta ossularia at BL	JOHNSTON: Tishomingo NWR, HQ area	10-Jun-10		F-N
Lobocleta ossularia at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	25-Sep-10		F-N
Lobocleta ossularia at BL, BioBlitz	KAY: Kaw Lake, Camp McFadden	18-Oct-10		F-N
Idaea demissaria at BL	JOHNSTON: Tishomingo NWR, HQ area	10-Jun-10		F-N
Idaea demissaria photo	ROGER MILLS: Washita Natl Battlefield	04-Sep-10		VDB
Idaea obfusaria at BL	JOHNSTON: Tishomingo NWR, HQ area	10-Jun-10		F-N
Idaea obfusaria at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	11-Jun-10		F-N
Idaea obfusaria at BL	OSAGE: TNC Tallgrass Prairie Preserve, Foreman's House	25-Jun-10		JFF
Haematopis grataria at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	11-Jun-10		F-N
Scopula inductata at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, prairie site	25-Sep-10		JAT
Hydriomena pluviata 2, at BL	TULSA: Bixby	22-Apr-10		JMN
Disclisioprocta stellata at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	25-Sep-10		F-N
Eubaphe mendica at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	25-Sep-10		F-N
Horisme intestinata at BL	TULSA: Bixby	22-Apr-10	23-Apr-10	JMN
Eupithecia miserulata at lights, photo by P Hoerth	NOBLE: Red Rock	28-Aug-09	29-Aug-09	JFF
Eupithecia palpata at BL, Det. BoL, DNA, STATE	WASHINGTON: Bartlesville	21-Aug-10		MJD
<b>SATURNIIDAE</b>				
Sphingicampa bisecta 2, at BL	JOHNSTON: Tishomingo NWR, HQ area	10-Jun-10		F-N
Automeris io at lights, photo by P Hoerth	NOBLE: Red Rock	28-Aug-09	29-Aug-09	JFF
Actias luna photo by Pat Hoerth	NOBLE: Red Rock	24-Jun-10		JFF
Callosamia promethea photo, male freshly eclosed on cocoon, photo by Rusty Grimpe, STATE	CHEROKEE: TNC Nickel Preserve	13-May-10		JMN
Hyalophora cecropia larva, photo by J Roach	JOHNSTON: Tishomingo NWR, HQ area	01-Jul-10		JFF
Hyalophora cecropia empty cocoon, at base of Hackberry, BioBlitz	KAY: Kaw Lake, Camp McFadden	18-Oct-10		F-N
Hyalophora columbia gloveri photo, at lights, STATE	CIMARRON: Black Mesa SP, Grp Cmp	19-Apr-10		VDB
<b>SPHINGIDAE</b>				
Manduca quinquemaculatus at BL	JOHNSTON: TNC Pontotoc Ridge Preserve, HQ	11-Jun-10		JAT
Manduca rustica at BL, photo	WASHINGTON: Bartlesville	24-Apr-10		MJD

Manduca sexta larva, photo by Anna Bennett	CHOCTAW: Sawyer, adjacent to Hugo Lake SP	25-Jul-10	JFF
Dolba hyloeus photo, dead on porch	ROGERS: Owasso, 4 mi E	29-Sep-10	KCW
Ceratonia amyntor at lights, photo	CLEVELAND: Norman	27-Jul-10	VDB
Ceratonia catalpae at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	11-Jun-10	F-N
Ceratonia hageni at lights, photo by P Hoerth	NOBLE: Red Rock	28-Aug-09 29-Aug-09	JFF
Sphinx drupiferarum at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	11-Jun-10	F-N
Amorpha juglandis at lights, photo by P Hoerth	NOBLE: Red Rock	28-Aug-09 29-Aug-09	JFF
Amorpha juglandis at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	11-Jun-10	F-N
Erinnyis obscura at puddle, BioBlitz	KAY: Kaw Lake, Camp McFadden	18-Oct-10	F-N
Eumorpha pandorus photo by Dan Robinson	CIMARRON: Boise City	26-Sep-10	JWA
Darapsa choerilus at BL, photo	WASHINGTON: Bartlesville	02-Sep-10	MJD
Hyles lineata at BL	JOHNSTON: Tishomingo NWR, HQ area	10-Jun-10	F-N
Hyles lineata photo	COMANCHE: Wichita Mountains NWR, Mt Scott	26-Jun-10	EJB
<b>NOTODONTIDAE</b>			
Pheosia rimosa at BL, photo	WASHINGTON: Bartlesville	02-Sep-10	MJD
Cerura scitiscrupta at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	11-Jun-10	F-N
Nadata gibbosa at BL	JOHNSTON: Tishomingo NWR, HQ area	10-Jun-10	F-N
Peridea angulosa at BL	TULSA: Bixby	02-May-10	JMN
Litodonta hydromeli at lights, photo by P Hoerth	NOBLE: Red Rock	28-Aug-09 29-Aug-09	JFF
Heterocampa guttivitta at BL	MCCURTAIN: Hochatown, Whip Poor Will Resort	06-May-10 08-May-10	JMN
Heterocampa guttivitta at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	11-Jun-10	F-N
Lochmaeus bilineata	ROGERS: Owasso, 4 mi E	02-Jul-09	KCW
Schizura badia at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	11-Jun-10	F-N
Schizura unicornis at BL	LATIMER: Robbers Cave SP, Lake Carlson	18-Sep-09	JMN
Oligocentria semirufescens at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	11-Jun-10	F-N
Hyparpax aurora at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	11-Jun-10	F-N
Symmerista albifrons at BL	TULSA: Bixby	21-Apr-10	JMN
<b>ARCTIIDAE</b>			
Cisthene packardii at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	25-Sep-10	F-N
Hypoprepia fucosa at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	11-Jun-10	F-N
Clemensia albata at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	25-Sep-10	F-N
Grammia arge at BL	JOHNSTON: Tishomingo NWR, HQ area	10-Jun-10	F-N
Grammia figurata photo, at lights	CLEVELAND: Norman	26-Jun-10	VDB
Grammia parthenice intermedia at lights, photo by P Hoerth	NOBLE: Red Rock	28-Aug-09 29-Aug-09	JFF
Grammia parthenice intermedia at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, prairie site	25-Sep-10	JAT
Apantesis nais at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	11-Jun-10	F-N

<i>Estigmene acraea</i> Larva, photo, Det. D Wagner	NOWATA: 4 mi E, 1 mi N of Jct US 169 & Hwy 10	20-Aug-10	KCW
<i>Spilosoma virginica</i> at BL	JOHNSTON: Tishomingo NWR, HQ area	10-Jun-10	F-N
<i>Hypercompe scribonia</i> 2	JOHNSTON: Tishomingo, Conv. store windows	11-Jun-10	F-N
<i>Cycnia collaris</i> Det. BoL, STATE	WASHINGTON: Bartlesville	15-Apr-10	MJD
<i>Pygarcia spraguei</i> at BL	JOHNSTON: Tishomingo NWR, HQ area	10-Jun-10	F-N
<i>Pagara simplex</i> 2, at BL, BioBlitz	KAY: Kaw Lake, Camp McFadden	18-Oct-10	F-N
<i>Cisseps fulvicollis</i> at BL	JOHNSTON: Tishomingo NWR, HQ area	10-Jun-10	F-N
<b>NOCTUIDAE</b>			
<i>Meganola minuscula</i> 3, at BL	MCCURTAIN: Hochatown, Whip-Poor-Will Resort	06-May-10	07-May-10 JMN
<i>Metalectra discalis</i> at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	11-Jun-10	F-N
<i>Idia americalis</i> at BL, BioBlitz	KAY: Kaw Lake, Camp McFadden	18-Oct-10	F-N
<i>Idia julia</i> at BL, det. BoL, STATE	WASHINGTON: Bartlesville	11-Sep-08	MJD
<i>Idia lubricalis</i> at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	11-Jun-10	F-N
<i>Zanclognatha cruralis</i> at BL	MCCURTAIN: Hochatown, Whip-Poor-Will Resort	06-May-10	JMN
<i>Macrochilo hypocritalis</i> at BL, photo, STATE	WASHINGTON: Bartlesville	08-Sep-10	MJD
<i>Tetanolita mynesalis</i> at BL	JOHNSTON: Tishomingo NWR, HQ	10-Jun-10	F-N
<i>Tetanolita mynesalis</i> at BL	OSAGE: TNC Tallgrass Prairie Preserve, Foreman's House	25-Jun-10	JFF
<i>Renia fraternalis</i> 3, at BL	MCCURTAIN: Hochatown, Whip-Poor-Will Resort	06-May-10	JMN
<i>Hypena abalienalis</i> at BL, BioBlitz	LATIMER: Robbers Cave SP	18-Sep-09	BJS
<i>Hypena abalienalis</i> at BL	MCCURTAIN: Hochatown, Whip-Poor-Will Resort	07-May-10	JMN
<i>Hypena baltimoralis</i> at BL	MCCURTAIN: Hochatown, Whip-Poor-Will Resort	06-May-10	JMN
<i>Colobochyla interpuncta</i> at lights, photo	CLEVELAND: Norman	01-Sep-10	VDB
<i>Ascalapha odorata</i>	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	06-Jul-10	JAT
<i>Ascalapha odorata</i> photo by D Robinson	CIMARRON: Boise City, 1.5 mi S	18-Aug-10	JWA
<i>Tathorhynchus exsiccatus</i> at BL, BioBlitz	KAY: Kaw Lake, Camp McFadden	18-Oct-10	F-N
<i>Panopoda rufimargo</i> 3, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	11-Jun-10	F-N
<i>Zale buchholzi</i> 2, at BL	MCCURTAIN: Hochatown, Whip-Poor-Will Resort	06-May-10	JMN
<i>Zale lunata</i> photo by P. Hoerth	NOBLE: Red Rock	19-Oct-10	JFF
<i>Parallelia bistriaris</i> at lights, photo	CLEVELAND: Norman	25-Aug-10	VDB
<i>Catocala amatrix</i> photo by J Hopkins	GRADY: Mustang, 5-7 mi S	04-Sep-10	JFF
<i>Catocala coccinata</i> at BL	JOHNSTON: Tishomingo NWR, HQ area	10-Jun-10	F-N
<i>Catocala dejecta</i> at BL, BioBlitz	KAY: Kaw Lake, Camp McFadden	18-Oct-10	F-N
<i>Catocala piatrix</i> photos by BER & A&W	COMANCHE: Wichita Mountains NWR	19-Jul-10	JMN
<i>Catocala ultronia</i> at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	11-Jun-10	F-N
<i>Paectes pygmaea</i> 2, at BL	MCCURTAIN: Hochatown, Whip-Poor-Will Resort	07-May-10	JMN

Rachiplusia ou 4, at BL, BioBlitz	KAY: Kaw Lake, Camp McFadden	18-Oct-10	F-N
Tripudia flavofasciata at BL, det. BoL	WASHINGTON: Bartlesville	14-Aug-09	MJD
Tripudia rectangula 3, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	11-Jun-10	F-N
Ozarba aeria at BL	MCCURTAIN: Hochatown, Whip Poor Will Resort	06-May-10	JMN
Thioptera nigrofimbria at BL, BioBlitz	KAY: Kaw Lake, Camp McFadden	18-Oct-10	F-N
Tarachidia binocula at BL	OSAGE: TNC Tallgrass Prairie Preserve, Foreman's House	25-Jun-10	JFF
Tarachidia candefacta 2, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	11-Jun-10	F-N
Spragueia apicalis at BL, photo, STATE	WASHINGTON: Bartlesville	08-Sep-10	MJD
Spragueia dama at BL	JOHNSTON: Tishomingo NWR, HQ area	10-Jun-10	F-N
Spragueia guttata at lights, photo, STATE	CLEVELAND: Norman	13-Sep-10	VDB
Acontia aprica at BL	JOHNSTON: Tishomingo NWR, HQ area	10-Jun-10	F-N
Acontia quadriplaga at BL, BioBlitz	KAY: Kaw Lake, Camp McFadden	18-Oct-10	F-N
Charadra deridens at BL	MCCURTAIN: Hochatown, WhipPoorWill Resort	06-May-10	JMN
Acronicta brumosa at BL	MCCURTAIN: Hochatown, Whip-Poor-Will Resort	07-May-10	JMN
Acronicta inclara at BL	MCCURTAIN: Hochatown, Whip-Poor-Will Resort	06-May-10	JMN
Acronicta inclara 2, at BL	OSAGE: TNC Tallgrass Prairie Preserve, Foreman's House	25-Jun-10	JFF
Acronicta increta 10, at BL	MCCURTAIN: Hochatown, Whip-Poor-Will Resort	06-May-10	JMN
Acronicta longa at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	11-Jun-10	F-N
Acronicta modica 2, at BL	MCCURTAIN: Hochatown, Whip-Poo-rWill Resort	06-May-10	JMN
Acronicta vinnula at BL	PONTOTOC: TNC Pontotoc Ridge Preserve	26-Aug-09	JFF
Eudryas grata at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	11-Jun-10	F-N
Alypia octomaculata photo by E. Beck	HARPER: Selman Ranch	18-Apr-10	JFF
Homohadena infixa at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	11-Jun-10	F-N
Sympistis augustus shortgrass assoc, STATE	CIMARRON: Castenada, Hwy 287 at state line monument lights	16-Oct-10	CEH
Amphipyra pyramidoides at lights, photo	CLEVELAND: Norman	16-Aug-10	VDB
Helicoverpa zea at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	11-Jun-10	F-N
Heliothis subflexa at BL	JOHNSTON: Tishomingo NWR, HQ area	10-Jun-10	F-N
Heliothis subflexa at lights, photo	CLEVELAND: Norman	20-Aug-10	VDB
Schinia jaguarina at lights, photo	CLEVELAND: Norman	16-Aug-10	VDB
Schinia parmeliana at BL, photo	WASHINGTON: Bartlesville	10-Sep-10	MJD
Schinia trifascia at lights, photo	CLEVELAND: Norman	23-Aug-10	VDB
Schinia volupia shortgrass assoc	CIMARRON: Castenada, Hwy 287 at state line monument lights	08-Jun-10	CEH
Perigea xanthioides at BL	JOHNSTON: Tishomingo NWR, HQ area	10-Jun-10	F-N
Callopietria mollissima at BL	MCCURTAIN: Hochatown, Whip-Poor-Will Resort	06-May-10	JMN

Emarginea percara 2, at BL	JOHNSTON: Tishomingo NWR, HQ area	10-Jun-10	F-N
Spodoptera frugiperda 3, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	11-Jun-10	F-N
Spodoptera frugiperda 14, at BL, BioBlitz	KAY: Kaw Lake, Camp McFadden	18-Oct-10	F-N
Spodoptera ornithogalli at BL	MCCURTAIN: Hochatown, Whip-Poor-Will Resort	08-May-10	JMN
Elaphria chalcedonia at BL	JOHNSTON: Tishomingo NWR, HQ area	10-Jun-10	F-N
Elaphria chalcedonia at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	11-Jun-10	F-N
Elaphria chalcedonia b, at BL, BioBlitz	KAY: Kaw Lake, Camp McFadden	18-Oct-10	F-N
Elaphria festivoidea at BL, BioBlitz	KAY: Kaw Lake, Camp McFadden	18-Oct-10	F-N
Elaphria grata at BL, BioBlitz	KAY: Kaw Lake, Camp McFadden	18-Oct-10	F-N
Galgula partita at BL	JOHNSTON: Tishomingo NWR, HQ area	10-Jun-10	F-N
Cosmia calami 2, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	11-Jun-10	F-N
Dypterygia rozmani at BL, photo	WASHINGTON: Bartlesville	10-Sep-10	MJD
Selicanis cinereola shortgrass assoc, STATE	CIMARRON: Castenada, Hwy 287 at state line monument lights	16-Oct-10	CEH
Agrochola bicolorago at BL, BioBlitz	KAY: Kaw Lake, Camp McFadden	18-Oct-10	F-N
Morrisonia confusa at BL, det BoL, STATE	WASHINGTON: Bartlesville	23-Apr-09	MJD
Morrisonia confusa at BL	TULSA: Bixby	11-Apr-10	JMN
Nephelodes minians at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	25-Sep-10	F-N
Leucania adjuta at BL	JOHNSTON: Tishomingo NWR, HQ	10-Jun-10	F-N
Leucania multilinea at BL	JOHNSTON: Tishomingo NWR, HQ	10-Jun-10	F-N
Leucania multilinea at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	11-Jun-10	F-N
Lacinipolia explicata at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	25-Sep-10	F-N
Peridroma saucia 2, at BL	JOHNSTON: Tishomingo NWR, HQ	10-Jun-10	F-N
Peridroma saucia at BL	OSAGE: TNC Tallgrass Prairie Preserve, Foreman's House	25-Jun-10	JFF
Anicla infecta at BL, BioBlitz	KAY: Kaw Lake, Camp McFadden	18-Oct-10	F-N
Anicla simplicius at BL	TULSA: Bixby	05-May-10	JMN
Hemieuxoa rudens at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	11-Jun-10	F-N
Feltia herilis at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	25-Sep-10	F-N
Feltia jaculifera at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	25-Sep-10	F-N
Feltia jaculifera at BL, BioBlitz	KAY: Kaw Lake, Camp McFadden	18-Oct-10	F-N
Feltia subterranea at BL	CHOCTAW: Hugo Lake SP	17-Apr-09	JMN
Feltia subterranea at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	11-Jun-10	F-N
Agrotis gladiaria 3, at BL, BioBlitz	KAY: Kaw Lake, Camp McFadden	18-Oct-10	F-N
Agrotis ipsilon at BL, BioBlitz	KAY: Kaw Lake, Camp McFadden	18-Oct-10	F-N
Agrotis malefida at BL	CHOCTAW: Hugo Lake SP	18-Apr-09	JMN

Agrotis malefida at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	11-Jun-10	F-N
Agrotis venerabilis at BL, BioBlitz	KAY: Kaw Lake, Camp McFadden	08-Oct-10	JMN
Abagrotis alternata at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ	11-Jun-10	F-N
<b>COCHYLIDAE</b>			
Cagiva cephalanthana at BL, det. BoL, STATE	WASHINGTON: Bartlesville	12-Sep-09	MJD
Eugnosta erigeronana at BL, det. BoL	WASHINGTON: Bartlesville	11-May-09	MJD

## SOUTH DAKOTA

James Adams submitted the following moth records.

### Moths

<b>GEOMETRIDAE</b>			
Lytrosia unitaria far NW part of range	PENNINGTON: Washta area; east near Cheyenne River	03-Jul-10	A/A
<b>SATURNIIDAE</b>			
Automeris io far NW part of range	PENNINGTON: Washta	03-Jul-10	A/A
<b>NOCTUIDAE</b>			
Amphipoea velata Possible STATE (MONA shows no SD records)	DAVISON: E side of Mitchell, along James River	02-Jul-10	A/A

## Zone 6 Texas

## Texas

Coordinator: Charles W. Bordelon, Jr.

### Contributors Cited:

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## TEXAS

After a major drought in 2009, and an early December snow event, Texas experienced a major January freeze in 2010, affecting a good portion of northern Mexico, as well. Spring was late, and results were anticipated to be poor in south Texas. Hopes of summertime moisture came true, but tropical activity brought too much rain in a short period; flooding the Rio Grande to rather epic proportions for the remainder of the season. Much of the state experienced little or no precipitation throughout the fall, and once again, only hopes fell, resulting in yet another poor season. Though there are 754 entries, this number is misleading; and 2010 was quite disappointing. A number of tropical butterfly species showed up late, but their numbers were very few. Of the 754 entries, a good number of those are moths and historic records from north and west Texas. Moths were virtually non-existent in south Texas. 347 COUNTY records were reported. There were 4 identifiable US RECORDS, and 3 additional STATE RECORDS, resulting in 7 new species for the state checklist.

### Butterflies

<b>HESPERIIDAE</b>				
Phocides polybius lilea	Hidalgo: Mission	01-Mar-10	02-Dec-10	B/K
Proteides mercurius few other sightings reported by TBL	Hidalgo: Bentsen SP	09-Nov-10	12-Nov-10	MR2
Proteides mercurius	Hidalgo: Penitas	17-Nov-10		RWB
Epargyreus clarus	JOHNSON: Chisenhall Park	27-Mar-97		RSF
Epargyreus clarus	Jefferson: Beaumont	26-May-10		CWB
Polygonus leo arizonensis last in Mission.	Hidalgo: Estero Llano Grande SP	15-Oct-10	29-Oct-10	MR2
Polygonus leo arizonensis B. Nall	Starr: Falcon SP	29-Nov-10		TBL
Chioides albofasciatus	JOHNSON: Burleson	08-Oct-07		RSF
Chioides zilpa	Hidalgo: Mission	25-Apr-10	22-Nov-10	MR2

Chioides zilpa also Val Verde, Terrell, & Brewster Co.'s.	PECOS: 2 mi. W of Terrell Co.	05-Sep-10		CWB
Chioides zilpa	Hidalgo: Mission	07-Sep-10	14-Sep-10	MR2
Aguna asander	Hidalgo: Mission	22-Sep-10		MR2
Aguna metophis other locations infrequently by other observers.	Hidalgo: Mission	14-Sep-10	18-Nov-10	MR2
Codatractus arizonensis	Brewster: BIBE: Green Gulch	07-Sep-10		ECK
Urbanus dorantes	TRINITY: Alabama Cr.	20-Oct-07		RSF
Urbanus dorantes	Dallas: Glenn Heights	11-Jul-10		DXC
Urbanus dorantes	BREWSTER: Marathon	17-Oct-10		TBL
Urbanus esmeraldus	Hidalgo: Mission	28-Oct-10		CRS
Urbanus proteus Jack Carter	WASHINGTON: Brenham	26-Oct-07		TBL
Urbanus teleus also by MR2	Hidalgo: Mission	21-Nov-10		ECK
Urbanus viterboana US RECORD	HIDALGO: Mission	04-Jun-10		MR2
Astraptus alardus latia ex-larva on Erythrina herbacia.	Hidalgo: Mission	14-Dec-10		MR2
Astraptus alector hopfferi	Hidalgo: Bentsen SP	04-Nov-10		MR2
Astraptus fulgurator azul	Starr: Rio Grande City	03-Jun-10	26-Oct-10	B/S
Astraptus fulgurator azul	Hidalgo: various locations	15-Jun-10	30-Nov-10	TBL
Astraptus fulgurator azul	Hidalgo: Mission	17-Jul-10	04-Dec-10	B/S
Autochton cellus also at Lost Mine Trail	Brewster: BIBE: Green Gulch	07-Sep-10	11-Sep-10	B/K
Autochton cinctus	Brewster: BIBE: Green Gulch	07-Sep-10		B/K
Achalarus lyciades	JOHNSON: Chisenhall Park	04-Jul-97		RSF
Achalarus tehuacana US RECORD: Dan Hardy and MR2 pix. 5 Oct was sight record in Mission by CWB.	HIDALGO: Hidalgo Pumphouse	03-Aug-10	05-Oct-10	TBL
Achalarus toxeus	Hidalgo: Mission	20-Sep-10		MR2
Thorybes confusus	CORYELL: Mother Neff SP	16-Apr-10		TBL
Thorybes pylades	JOHNSON: Chisenhall Park	19-Apr-98		RSF
Thorybes pylades albosuffusa	Brewster: Marathon & BIBE	19-May-10	21-May-10	B/K
Cabares potrillo	Hidalgo: Mission	14-Sep-10	29-Nov-10	B/K
Spathilepia clonius	Hidalgo: Mission	23-Oct-10		ECK
Spathilepia clonius	Hidalgo: Mission	27-Oct-10	20-Nov-10	TBL
Cogia hippalus	Brewster: BIBE; Chisos Basin	20-May-10	08-Sep-10	CWB
Cogia hippalus	STARR: Falcon SP	07-Oct-10		MR2
Cogia hippalus	Hidalgo: Frontera Audubon	26-Oct-10		MR2
Cogia outis	STARR: "NE county"	25-Jul-10		TBL
Arteurotia tractipennis also in Mission	Hidalgo: Santa Ana NWR	31-Oct-10	05-Nov-10	TBL
Pellicia arina multiple sightings in various localities	Hidalgo: Estero Llano Grande SP	30-Oct-10		TBL
Staphylus ceos	Starr: "NE county"	08-May-10		TBL
Staphylus ceos	Hidalgo: multiple locations	08-May-10		MR2
Staphylus hayhurstii Jack Carter	SOMERVELL: Glen Rose	23-Sep-05		TBL
Staphylus hayhurstii	HUNT: CR 2264 X Caddo Creek	14-Jun-10		JMC
Staphylus hayhurstii	UVALDE: Cook's Slough	21-Sep-10		JFD
Hesperopsis alpheus larvae in shelters on Atriplex acanthocarpa; feeding.	Cameron: 8 mi. E of Brownsville	31-Oct-10		RWB
Hesperopsis alpheus	Cameron: Port Isabel	05-Nov-10		GM
Gorgythion begga pyralina	Hidalgo: Mission	08-Nov-10		GM
Sostrata nordica	Hidalgo: Mission	19-Nov-10		CWB
Carrhenes canescens last by TBL.	Hidalgo: Mission	02-Nov-10	24-Dec-10	MR2
Carrhenes canescens	Hidalgo: Mission	25-Nov-10		RWB
Xenophanes tryxus	Hidalgo: Bentsen SP	16-Aug-10		TBL
Systasea pulverulenta	Val Verde: Del Rio	23-May-10		ECK
Systasea pulverulenta	KENDALL: Bourne	19-Jun-10		JFD
Eantis tamenund	Dallas: Glenn Heights	10-Jul-10		DXC
Chiomara georgina	VAL VERDE: Del Rio	23-May-10		ECK
Gesta invisus	MCMULLEN: FM 3345	11-Jul-10		TBL
Erynnis baptisiae	Henderson: CR 3913	14-Apr-10		JMC
Erynnis baptisiae	JOHNSON: Hamm Creek Park	18-Aug-10		JMC
Erynnis brizo	HENDERSON: CR 3913	23-Mar-10		JMC
Erynnis funeralis	JOHNSON: Joshua	25-Jun-97		RSF

<i>Erynnis funeralis</i>	EDWARDS: Carta Valley	23-May-10		B/K
<i>Erynnis horatius</i>	JOHNSON: Chisenhall Park	23-Mar-97		RSF
<i>Erynnis horatius</i> B. Nall	Starr: Falcon Heights	09-Oct-10	14-Oct-10	TBL
<i>Erynnis meridianus</i> Common in Uvalde, Real, Edwards, and Kerr Co.'s.	Uvalde: Concan	15-May-10	23-May-10	B/K
<i>Erynnis scudderi</i>	TRAVIS: Austin	17-May-05		CJD
<i>Erynnis tristis tatus</i>	EDWARDS: Carta Valley	23-May-10		B/K
<i>Pyrgus oileus</i>	HOUSTON: Ratcliff Lake	05-Sep-04		RSF
<i>Pyrgus oileus</i>	HENDERSON: Caney Cr.	24-Aug-10		JMC
<i>Pyrgus philetas</i> also in Brewster and Pecos Co.'s.	Edwards: Carta Valley	23-May-10		B/K
<i>Heliopyrgus domicella</i>	Starr: Falcon SP	28-Aug-10		MR2
<i>Heliopyrgus domicella</i>	Hidalgo: Mission	26-Oct-10		ECK
<i>Celotes limpia</i>	Jeff Davis: 5 mi. N of Fort Davis	18-May-10		CWB
<i>Celotes nessus</i>	SAN SABA: Colorado Bend SP	30-Apr-10		TBL
<i>Celotes nessus</i>	Starr: Rio Grande City	03-Jun-10		CRS
<i>Piruna haferniki</i>	Brewster: BIBE: Green Gulch	07-Sep-10		ECK
<i>Synapte pecta</i> latter TBL sightings.	Hidalgo: Mission	26-Oct-10	08-Nov-10	GM
<i>Synapte pecta</i>	Hidalgo: Mission	21-Nov-10	28-Nov-10	TBL
<i>Corticea corticea</i>	Hidalgo: Mission	21-Nov-10		MR2
<i>Amblyscirtes belli</i> Jack Carter	TRAVIS: Barton Creek	20-Sep-08		TBL
<i>Amblyscirtes belli</i>	JOHNSON: Ham Creek Park	24-Apr-10		JMC
<i>Amblyscirtes belli</i>	BRAZOS: Lick Creek Park	22-Jun-10		RHW
<i>Amblyscirtes celia</i>	BROOKS: US 281 RA	04-Oct-08		RSF
<i>Amblyscirtes eos</i>	JOHNSON: Joshua	04-May-97		RSF
<i>Amblyscirtes eos</i> D. Muschalek	KARNES: AT Ranch	16-May-10		TBL
<i>Amblyscirtes eos</i>	Brewster: 10 mi. W of Marathon	06-Sep-10		CWB
<i>Amblyscirtes hegon</i>	Jasper: 1 mi. W of Newton Co. line	03-Apr-10		CWB
<i>Amblyscirtes hegon</i>	Sabine: Six Mile	03-Apr-10	04-Apr-10	B/K
<i>Amblyscirtes oslari</i>	TRAVIS: Austin	21-Apr-10		CJD
<i>Amblyscirtes vialis</i>	LUBBOCK: Lubbock	15-Aug-10		AH1
<i>Vidius perigenes</i>	Cameron: Port Isabel	23-Oct-10	05-Nov-10	GM
<i>Monca crispinus</i>	Hidalgo: Mission	27-Oct-10	08-Nov-10	GM
<i>Lerodea arabus</i>	BROOKS: US 281 RA	01-Nov-07		RSF
<i>Lerodea eufala</i>	JOHNSON: Joshua	13-Oct-98		RSF
<i>Lerodea eufala</i>	WASHINGTON: Brenham	09-Nov-10		RHW
<i>Nastra lherminier</i>	CASS: Hughes Springs	02-May-10		RSF
<i>Lerema accius</i>	JOHNSON: Joshua	09-Aug-97		RSF
<i>Lerema liris</i>	Hidalgo: Mission	14-Jul-10	24-Nov-10	CWB
<i>Perichares philetas adela</i>	Hidalgo: Bentsen SP	30-Oct-10	24-Nov-10	TBL
<i>Rhinthon osca</i>	Hidalgo: Bentsen SP	14-Oct-10		TBL
<i>Ancyloxypha numitor</i> Jack Carter	JOHNSON: Byron Stewart Pk.	07-Mar-04		TBL
<i>Ancyloxypha numitor</i> Jack Carter	COOKE: Herbert Moss Park	06-Jun-10		TBL
<i>Copaeodes aurantiaca</i> Jack Carter	JOHNSON: Hamm Creek Pk.	30-Jul-05		TBL
<i>Hesperia meskei</i> Jason Cole	Anderson: no locality given	29-May-10		TBL
<i>Hesperia meskei</i>	HENDERSON: CR 3913	06-Oct-10		JMC
<i>Hesperia metea licinus</i>	HENDERSON: CR 3913	08-Apr-10		JMC
<i>Hesperia ottoe</i>	Hemphill: Black Kettle NG	05-Aug-10		RHW
<i>Hesperia pahaska williamsi</i> also 10 mi. S of Marathon	Brewster: BIBE: Basin	06-Sep-10	11-Sep-10	CWB
<i>Polites origenes</i>	PARKER: Clear Fork Trinity R.	30-Aug-08		RSF
<i>Polites origenes</i> Jason Cole	Anderson: no locality given	29-May-10		TBL
<i>Wallengrenia egeremet</i>	HUNT: CR 2296 X Dry Creek	14-Jun-10		JMC
<i>Wallengrenia egeremet</i>	HENDERSON: CR 3907	23-Sep-10		JMC
<i>Wallengrenia otho</i>	JOHNSON: Byron Stewart Pk.	29-Sep-01		RSF
<i>Wallengrenia otho</i>	HUNT: CR 2296 X Dry Creek	14-Jun-10		JMC
<i>Pompeius verna</i>	HENDERSON: CR 3907	04-May-10		JMC
<i>Atrytone arogos iowa</i> T. Collins photo	KERR: Center Point	10-Jul-10		JFD



Anatrytone logan	JOHNSON: Byron Stewart Pk.	04-Sep-04		RSF
Anatrytone logan	ANDERSON: Engeling WMA	09-Jun-10		RHW
Anatrytone logan lagus old specimen det. ADW	HIDALGO: Bentsen SP	12-Aug-77		FJP
Poanes viator zizaniae	BRAZOS: Lick Creek Park	19-Oct-10		RHW
Poanes yehl	FORT BEND: Brazos Bend SP	10-Oct-10		TBL
Poanes zabulon	HAYS: Wimberly	08-Oct-05		TBL
Poanes zabulon	HUNT: CR 2296 X Dry Creek	14-Jun-10		JMC
Poanes zabulon	BOWIE: Hwy 8 X Red River	26-Jun-10		RSF
Quasimellana eulogius	Hidalgo: Mission	20-Sep-10	20-Nov-10	B/K
Euphyes dion Jack Carter	COOKE: Herbert Moss Park	06-Jun-10		TBL
Euphyes vestris metacomet	JOHNSON: Byron Stewart Pk.	29-Sep-01		RSF
Euphyes vestris metacomet Jack Carter	COOKE: Herbert Moss Park	06-Jun-10		TBL
Euphyes vestris metacomet	Hidalgo: Mission	28-Oct-10		CWB
Atrytonopsis edwardsi	Brewster: BIBE: Green Gulch	07-Sep-10		B/K
Calpododes ethlius	JOHNSON: Burleson	12-Sep-08		RSF
Calpododes ethlius	LUBBOCK: Lubbock	23-Jul-10		AH1
Calpododes ethlius	WASHINGTON: Brenham	09-Nov-10		RHW
Panoquina evansi multiple sightings in various localities	Hidalgo: Frontera Audubon	24-Sep-10	03-Dec-10	MR2
Panoquina hecebolus	Hidalgo: Mission	04-Oct-10		CWB
Panoquina lucas	Hidalgo: Mission	20-Sep-10		MR2
Panoquina lucas	Hidalgo: Mission	26-Oct-10	25-Nov-10	B/K
Panoquina lucas B. Nall	Starr: Falcon SP	24-Nov-10		TBL
Panoquina ocola	JOHNSON: Byron Stewart Pk.	27-Sep-98		RSF
Nyctelius nyctelius also at Hidalgo Pumphouse	Hidalgo: Mission	20-Sep-10	21-Dec-10	MR2
Nyctelius nyctelius B. Nall	Starr: Falcon SP	24-Nov-10		TBL
Agathymus estelleae valverdiensis	Val Verde: N and W of Del Rio	05-Sep-10	11-Sep-10	B/K
Megathymus ursus violae	Jeff Davis: Chihuahuan Desert NC	30-Jul-10		TBL
Stallingsia maculosus	Medina: Castroville	15-May-10		CWB
<b>PAPILIONIDAE</b>				
Eurytides marcellus	Sabine: Six Mile	03-Apr-10	04-Apr-10	B/K
Eurytides philolaus B. Freeman picture of very fresh individual.	Hidalgo: Santa Ana NWR	03-Apr-10		TBL
Eurytides philolaus	Hidalgo: Santa Ana NWR	08-Apr-10	10-Apr-10	MR2
Battus polydamas	Harris: Spring Valley	29-Mar-10	15-Oct-10	B/K
Battus polydamas	GUADALUPE: Warbler Woods	01-May-10		TBL
Battus polydamas	Hidalgo: Frontera Audubon	24-Sep-10		MR2
Papilio anchisiades idaeus other locations infrequently	Hidalgo: Mission	17-Oct-10	28-Oct-10	TBL
Papilio astyalus pallas	Hidalgo: Santa Ana NWR	08-Apr-10	10-Apr-10	MR2
Papilio astyalus pallas	STARR: Rio Grande City	03-Jun-10		CRS
Papilio glaucus	Tyler: Woodville	03-Apr-10		B/K
Papilio ornythion	Starr: Rio Grande City	03-Jun-10	26-Oct-10	CRS
Papilio ornythion	Starr: Falcon SP	07-Oct-10		MR2
Papilio palamedes	Newton: Newton	04-Apr-10		B/K
Papilio palamedes	CALDWELL: Luling	15-May-10		CWB
Papilio thoas autocles	BROOKS: US 281 RA	14-Oct-08		ECK
Papilio troilus	Harris: Spring Valley	26-Mar-10	15-Oct-10	B/K
<b>PIERIDAE</b>				
Glutophrissa drusilla tenuis	Harris: Spring Valley	13-Jun-10		CWB
Glutophrissa drusilla tenuis	Hidalgo: Mission	20-Sep-10	02-Dec-10	MR2
Ascia monuste females oviposited in wild & confinement on Beta vulgaris maritima; reared to adults.	Cameron: 8 mi. E of Brownsville	31-Oct-10		RWB
Ganyra josephina josepha relatively abundant in the fall; many reporters.	Hidalgo: Mission	26-Jun-10	05-Dec-10	B/K
Ganyra josephina josepha	Uvalde: Utopia	25-Jul-10		TBL
Ganyra josephina josepha	GILLESPIE: N. of Kerrville	02-Oct-10		JFD
Ganyra josephina josepha	BRAZOS: Bryan	07-Oct-10		RHW
Pieris rapae	Hidalgo: Mission	18-Mar-10		CWB
Pieris rapae	GUADALUPE: no locality given	05-Apr-10		TBL
Pieris rapae	Brewster: Alpine	22-May-10	12-Sep-10	B/K

<i>Pieris rapae</i>	WHEELER: IH-40	14-Jun-10		KD
<i>Anthocharis midae texana</i>	JOHNSON: Chisenhall Park	09-Mar-97		RSF
<i>Anthocharis midae texana</i>	Galveston: High Island	13-Mar-10		TBL
<i>Anthocharis midae texana</i>	Kaufman: Lone Oak Cemetary	23-Mar-10		JMC
<i>Anthocharis midae texana</i>	COMANCHE: Comanche	27-Mar-10		TBL
<i>Colias philodice</i>	SOMERVELL: Glen Rose	15-Apr-07		RSF
<i>Anteos clorinde</i>	Hidalgo: Mission	09-Mar-10		CWB
<i>Anteos clorinde</i>	Cameron: Resaca de la Palma SP	25-May-10		TBL
<i>Anteos clorinde</i>	ATASCOSA: 74 Ranch/FM 791	11-Jul-10		TBL
<i>Anteos maerula</i>	Hidalgo: Bentsen SP	04-Jul-10		MR2
<i>Anteos maerula</i>	Starr: Rio Grande City	26-Oct-10		CRS
<i>Phoebis agarithe</i> Jack Carter	SOMERVELL: Glen Rose	05-Sep-05		TBL
<i>Phoebis philea</i> Jack Carter	TYLER: Warren	08-Sep-07		TBL
<i>Phoebis philea</i>	HARDIN: Lumberton	26-Sep-07		CWB
<i>Phoebis philea</i>	Bell: Lampasas River	16-May-10		RMK
<i>Phoebis philea</i>	Cameron: Resaca de la Palma SP	25-May-10		TBL
<i>Phoebis philea</i>	Harris: Spring Valley	20-Jun-10		B/K
a migrant female after local breeding population succumbed to freeze.				
<i>Phoebis philea</i>	Fort Bend: Sugarland	02-Aug-10	15-Oct-10	ECK
<i>Phoebis philea</i>	Starr: Roma	26-Oct-10		CRS
<i>Aphrissa statira</i> (GPS 30.16955 x 99.145754)	GILLESPIE: S. of Kerrville	18-Sep-09		JFD
<i>Aphrissa statira</i> last by B/S in Mission.	Hidalgo: Hidalgo Pumphouse	31-Jul-10	04-Nov-10	MR2
<i>Aphrissa statira</i>	Hidalgo: Mission	28-Oct-10	10-Nov-10	B/S
<i>Aphrissa statira</i>	Hidalgo: Mission	06-Nov-10	08-Nov-10	GM
<i>Kricogonia lyside</i>	JOHNSON: Joshua	29-Mar-00		RSF
<i>Eurema boisduvaliana</i> common, many reports	Cameron: Resaca de la Palma SP	17-May-10	29-May-10	TBL
<i>Eurema boisduvaliana</i>	Hidalgo: Mission	01-Nov-10	04-Dec-10	B/K
<i>Eurema mexicana</i>	LIVE OAK: Ramirena Creek	04-Nov-06		RSF
<i>Eurema mexicana</i> (GPS 30.16955 x 99.145754)	GILLESPIE: S. of Kerrville	22-Nov-09		JFD
<i>Eurema mexicana</i> especially common in the Chisos Mts.	Brewster: various locations	19-May-10	10-Sep-10	B/K
<i>Eurema mexicana</i>	Hidalgo: Mission	25-Oct-10	01-Dec-10	B/K
<i>Pyrisitia nise nelphe</i> also at Rio Grande Village	Brewster: BIBE: Green Gulch	07-Sep-10	08-Sep-10	B/K
<i>Pyrisitia proterpia</i> various other localites	Hidalgo: Bentsen SP	26-Jun-10	05-Dec-10	TBL
<b>LYCAENIDAE</b>				
<i>Feniseca tarquinius</i>	JOHNSON: Chisenhall Park	25-Sep-04		RSF
<i>Atlides halesus corcorani</i>	JOHNSON: Byron Stewart Pk.	22-Sep-02		RSF
<i>Atlides halesus corcorani</i>	COMANCHE: Comanche	27-Mar-10		TBL
<i>Atlides halesus corcorani</i>	WASHINGTON: Brenham	09-Nov-10		RHW
<i>Satyrium calanus falacer</i>	JOHNSON: Chisenhall Park	01-May-06		RSF
<i>Satyrium calanus falacer</i>	WILSON: Jackson Nature Park	22-May-10		TBL
<i>Satyrium favonius autolytus</i>	Real: 31 mi. SW of Mountain Home	23-May-10		B/K
<i>Phaeostrymon alcestis</i>	MCLENNAN: Waco	15-May-10		RHW
<i>Phaeostrymon alcestis</i>	Uvalde: Concan	15-May-10		CWB
<i>Chlorostrymon simaethis sarita</i>	Hidalgo: Mission	15-Jul-10	04-Dec-10	B/S
<i>Chlorostrymon telea</i>	Hidalgo: Mission	28-Nov-10		TBL
<i>Cyanophrys herodotus</i> vouchered, few other TBL sightings.	Hidalgo: Mission	29-Nov-10	03-Dec-10	CWB
<i>Cyanophrys miserabilis</i>	Hidalgo: Mission	27-Nov-10	29-Nov-10	MR2
<i>Callophrys gryneus castalis</i> (GPS 30.16955 x 99.145754)	GILLESPIE: S. of Kerrville	13-Sep-09		JFD
<i>Callophrys gryneus castalis</i>	JOHNSON: Hamm Creek Pk.	24-Apr-10		RSF
<i>Callophrys gryneus castalis</i>	Uvalde: Concan	15-May-10		B/K
<i>Callophrys henrici turneri</i>	Kaufman: Lone Oak Cemetary	23-Mar-10		JMC
<i>Callophrys irus hadra</i>	Sabine: Six Mile	03-Apr-10		CWB
<i>Callophrys irus hadra</i>	HENDERSON: CR 3913	08-Apr-10		JMC
<i>Callophrys mcfarlandi</i>	Brewster: BIBE; Pine Canyon	31-May-10		TBL
<i>Callophrys niphon</i>	Harris: Spring Valley	29-Mar-10		CWB
<i>Callophrys xami texami</i> confined female oviposited on <i>Sedum texana</i> ; reared to adults.	Cameron: Loma Alta	31-Oct-10		RWB

<i>Callophrys xami texami</i>	Cameron: Port Isabel	05-Nov-10		GM
<i>Callophrys xami texami</i>	Hidalgo: Bentsen SP	05-Nov-10	19-Nov-10	TBL
<i>Callophrys xami texami</i>	Uvalde: Cook's Slough	24-Nov-10		TBL
<i>Allosmaitia strophius</i>	Hidalgo: Mission	19-Nov-10		TBL
<i>Allosmaitia strophius</i>	Hidalgo: Mission	22-Nov-10		CWB
<i>Electrostrymon hugon</i> also MR2.	Hidalgo: Mission	21-Nov-10	29-Nov-10	RWB
<i>Ziegleria guzanta</i> B. Nall	STARR: Falcon SP	21-Oct-07		TBL
<i>Ziegleria guzanta</i>	Hidalgo: Mission	15-Nov-10		MR2
<i>Ziegleria guzanta</i>	Hidalgo: Mission	27-Nov-10	28-Nov-10	TBL
<i>Calycopis isobea</i>	JOHNSON: Byron Stewart Pk.	06-Sep-98		RSF
<i>Strymon albata</i> B. Nall	Starr: Falcon Heights	26-Nov-10		TBL
<i>Strymon alea</i> B. Nall	Starr: Falcon SP	24-Nov-10		TBL
<i>Strymon bazochii</i>	UVALDE: Frio River	15-Oct-05		RSF
<i>Strymon bazochii</i> last date by TBL.	Hidalgo: Mission	20-Sep-10	10-Dec-10	MR2
<i>Strymon bazochii</i>	Hidalgo: Mission	22-Nov-10	05-Dec-10	B/K
<i>Strymon bebrycia</i>	Hidalgo: Bentsen SP	27-Nov-10		TBL
<i>Strymon bebrycia</i> confined female oviposited on <i>Cardiospermum corindum</i> ; larvae feeding.	Hidalgo: Mission	29-Nov-10		RWB
<i>Strymon rufusca</i>	Cameron: Laguna Atascosa NWR	01-Nov-10		TBL
<i>Strymon yojoa</i>	Hidalgo: Mission	18-Nov-10		TBL
<i>Oenomaus ortygnus</i>	Hidalgo: Mission	28-Oct-10		TBL
<i>Parrhasius m-album</i>	JOHNSON: Byron Stewart Pk.	09-Sep-04		RSF
<i>Parrhasius m-album</i>	MCLENNAN: Waco	15-May-10		RHW
<i>Leptotes cassius cassidula</i> several other reports	Hidalgo: Mission	26-Oct-10	05-Dec-10	B/K
<i>Leptotes marina</i>	JOHNSON: Joshua	09-Jul-97		RSF
<i>Leptotes marina</i>	GRAY: HWY 70	14-Jun-10		KD
<i>Leptotes marina</i>	WHEELER: IH-40	14-Jun-10		KD
<i>Leptotes marina</i>	BRAZOS: Bryan	20-Oct-10		TBL
<i>Leptotes marina</i>	WASHINGTON: Brenham	09-Nov-10		RHW
<i>Brephidium exilis</i>	EDWARDS: Carta Valley	23-May-10		B/K
<i>Brephidium exilis</i>	REAL: 31 mi. SW of Mountain Home	23-May-10		B/K
<i>Zizula cyna</i>	SWISHER: Tulia	23-Jul-92		CJD
<i>Zizula cyna</i>	KENDALL: Boerne	06-Jun-10		TBL
<i>Zizula cyna</i>	GARZA: FM 651 NE of Post	13-Jun-10		AH1
<i>Zizula cyna</i> B. Nall	Starr: Falcon Heights	26-Nov-10		TBL
<i>Zizula cyna</i>	Hidalgo: Mission	09-Dec-10	11-Dec-10	TBL
<i>Cupido comyntas</i>	JOHNSON: Chisenhall Park	23-Mar-97		RSF
<i>Cupido comyntas</i>	PARKER: 3.5 mi NE Mineral Wells	17-Oct-10		PT1
<i>Hemiargus ceraunus astenidas</i>	JOHNSON: Joshua	08-Oct-98		RSF
<i>Echinargus isola</i>	JOHNSON: Chisenhall Park	04-Jun-97		RSF
<b>RIODINIDAE</b>				
<i>Melanis pixe</i> last a "mass flight in Pt. Isabel."	Cameron: Resaca de la Palma SP	25-May-10	23-Nov-10	TBL
<i>Melanis pixe</i>	Hidalgo: Mission	15-Jun-10	13-Aug-10	TBL
<i>Melanis pixe</i>	Hidalgo: Mission	16-Jul-10	25-Nov-10	B/K
<i>Melanis pixe</i>	Starr: Roma	26-Oct-10		CRS
<i>Calephelis nemesis</i>	Brewster: BIBE; Dugout Wells	20-May-10	10-Sep-10	B/K
<i>Calephelis nemesis</i>	LUBBOCK: Lubbock	05-Aug-10		AH1
<i>Lasaia sula peninsularis</i>	Cameron: Resaca de la Palma SP	17-May-10		TBL
<i>Lasaia sula peninsularis</i>	Hidalgo: Mission	28-Nov-10		TBL
<i>Emesis emesia</i> also in Mission	Hidalgo: Frontera Audubon	30-Oct-10	28-Nov-10	TBL
<i>Emesis emesia</i> B. Nall	Starr: Falcon SP	24-Nov-10		TBL
<i>Emesis emesia</i> confined female oviposited on <i>Caesalpinia mexicana</i> ; larvae feeding.	Hidalgo: Mission	25-Nov-10		RWB
<i>Apodemia chisosensis</i>	Brewster: BIBE; Pine Canyon	31-May-10		TBL
<i>Apodemia duryi</i>	Brewster: 15 mi. S of Marathon	06-Sep-10		CWB
<i>Apodemia palmerii</i>	Brewster: BIBE: Sam Nail Ranch	21-May-10	10-Sep-10	ECK
<i>Apodemia walkeri</i>	Cameron: Brownsville	30-May-10	01-Jun-10	TBL

Apodemia walkeri confined females oviposited on Acacia schaffneri; larvae feeding.	Cameron: Brownsville	10-Nov-10	15-Nov-10	RWB
<b>NYMPHALIDAE</b>				
Libytheana carinenta larvata	GRAY: HWY 70	14-Jun-10		KD
Danaus eresimus montezuma	Starr: Rio Grande City	26-Oct-10	23-Nov-10	CRS
Danaus eresimus montezuma	Hidalgo: Mission	01-Nov-10	02-Dec-10	B/K
Danaus gilippus thersippus	JOHNSON: Joshua	19-Jul-97		RSF
Anaea aidea	Hidalgo: Mission	03-Mar-10	05-Dec-10	B/K
Anaea andria	Hidalgo: Mission	05-Aug-10	25-Nov-10	B/K
usually uncommon, but outnumbered A. aidea until mid-Oct.				
Memphis glycerium	Hidalgo: Mission	03-Dec-10	21-Dec-10	TBL
Memphis pithyusa	Hidalgo: Mission	17-Oct-10	29-Nov-10	TBL
Memphis pithyusa confined females oviposited on Croton humilis.	Hidalgo: Mission	19-Nov-10	29-Nov-10	RWB
Memphis pithyusa B. Nall	Starr: Falcon SP	24-Nov-10		TBL
Memphis pithyusa few other sightings reported by TBL	Hidalgo: Mission	03-Dec-10	21-Dec-10	B/S
Memphis pithyusa K. Taylor & M. Scheuerman	NUECES: Corpus Christi	31-Dec-10		TBL
Archaeoprepona demophon centralis 1st US voucher	Hidalgo: Mission	26-Oct-10		ECK
Lethe creola	BOWIE: Hwy 8 X Red River	26-Jun-10		RSF
Lethe portlandia missarkae	TRINITY: Holly Bluff Swamp	20-Oct-07		RSF
Lethe portlandia missarkae	Smith: Faulkner Park	17-Sep-10		JMC
Cercyonis meadii melania	Brewster: BIBE: Green Gulch	07-Sep-10		CWB
Cercyonis pegala texana (GPS 30.16955 x 99.145754)	GILLESPIE: S. of Kerrville	25-May-10		JFD
Hermeuptychia hermes	Hidalgo: Mission	26-Oct-10	15-Nov-10	B/K
Megisto rubricata	Kerr: MO Ranch	24-May-10		B/K
Megisto rubricata smithorum	Brewster: BIBE upper el.; also in Marathon.	19-May-10	11-Sep-10	B/K
Dione moneta poeyi	Hidalgo: Mission	10-Mar-10	17-Mar-10	CWB
Dione moneta poeyi several other reports	Hidalgo: Santa Ana NWR	27-Oct-10	20-Nov-10	TBL
Dione moneta poeyi	Starr: Rio Grande City	29-Oct-10		RWB
Dione moneta poeyi	Hidalgo: Mission	01-Nov-10		RWB
Eueides isabella eva	TERRELL: Sanderson	22-May-10		CWB
Eueides isabella eva	Hidalgo: Mission	17-Oct-10	24-Nov-10	TBL
Eueides isabella eva	Hidalgo: Estero Llano Grande SP	30-Nov-10		TBL
Agraulis vanillae incarnata	GRAY: HWY 70	14-Jun-10		KD
Dryas iulia moderata	Hidalgo: Mission	25-Oct-10	04-Dec-10	B/S
Dryas iulia moderata	Starr: Falcon Heights	08-Nov-10		GM
Heliconius charithonia vazquezae locally abundant	Hidalgo: Mission	04-Jul-10	06-Dec-10	B/K
Heliconius charithonia vazquezae	Harris: Spring Valley	04-Jul-10	11-Jul-10	B/K
Heliconius erato petiverana Terry Fuller	Cameron: San Benito	11-Dec-10		TBL
Euptoieta hegesia meridiania	Starr: Rio Grande City	03-Jun-10	26-Oct-10	CRS
Limnitis archippus	JOHNSON: Chisenhall Park	13-Jun-97		RSF
Limnitis archippus	Hidalgo: Mission	06-Nov-10		B/S
Limnitis archippus obsoleta	Jeff Davis: Fort Davis	10-Sep-10		ECK
Limnitis archippus watsoni	Medina: Hondo Creek	04-Sep-10		CWB
Limnitis arthemis astyanax	JOHNSON: Byron Stewart Pk.	29-Sep-02		RSF
Adelpha basiloides last by TBL.	Hidalgo: Mission	27-Oct-10	29-Nov-10	MR2
Adelpha eulalia	CALDWELL: Luling	15-May-10		CWB
Adelpha fessonia	Hidalgo: Bentsen SP	18-Apr-10	10-Dec-10	TBL
Adelpha fessonia	Cameron: Resaca de la Palma SP	18-Jun-10	14-Aug-10	TBL
Adelpha fessonia	Hidalgo: Mission	03-Nov-10	04-Dec-10	B/K
Adelpha fessonia B. Nall	Starr: Falcon SP	24-Nov-10		TBL
Marpesia chiron marius	Hidalgo: Bentsen SP	09-Sep-10		MR2
Marpesia petreus	McMullen: San Miguel Creek	11-Jul-10		TBL
Marpesia petreus	Hidalgo: Mission	24-Jul-10		CWB
Marpesia petreus	Hidalgo: Bentsen SP	09-Sep-10		MR2
Marpesia petreus Fw photo by Jim Paton	EL PASO: El Paso	30-Oct-10		MAQ
Biblis hyperia aganisa	Hidalgo: Mission	20-Sep-10	25-Nov-10	MR2

Biblis hyperia aganisa B. Nall	Starr: Falcon Heights	09-Oct-10	25-Nov-10	TBL
Biblis hyperia aganisa	Hidalgo: Mission	29-Oct-10	08-Nov-10	GM
Biblis hyperia aganisa	Hidalgo: Mission	31-Oct-10	04-Dec-10	B/S
Mestra amymone	Hidalgo: Mission	05-Oct-10	04-Dec-10	B/K
Myscelia ethusa	Hidalgo: Mission	08-Mar-10	05-Dec-10	B/K
Myscelia ethusa various other localites	Starr: Rio Grande City	26-Oct-10	23-Nov-10	CRS
Eunica monima	Hidalgo: Edinburg	01-Jul-10		TBL
Hamadryas februa ferentina	Hidalgo: Mission	29-Nov-10		TBL
Hamadryas guatemalena marmarice	Starr: N. of Rio Grande City	26-Oct-10		CRS
Hamadryas guatemalena marmarice TBL sightings through most of Dec.	Hidalgo: Mission	27-Oct-10	16-Dec-10	B/K
Epiphile adrasta B. Nall	Starr: Salineno	07-Nov-10		TBL
Epiphile adrasta few other sightings reported by TBL	Hidalgo: Mission	02-Dec-10	14-Dec-10	B/S
Dynamine dyonis various other localites	Hidalgo: Mission	11-Sep-10	05-Nov-10	TBL
Dynamine postverta mexicana 2 vouchers among 4 seen.	Hidalgo: Mission	05-Nov-10	01-Dec-10	B/S
Dynamine postverta mexicana and B/K.	Hidalgo: Mission	25-Nov-10	26-Nov-10	RWB
Dynamine postverta mexicana	Hidalgo: Mission	27-Nov-10	02-Dec-10	TBL
Dynamine postverta mexicana B. Nall	STARR: Falcon Heights	29-Nov-10		TBL
Asterocampa celtis	JOHNSON: Joshua	06-May-97		RSF
Asterocampa celtis antonia	JOHNSON: Byron Stewart Pk.	13-Sep-04		RSF
Asterocampa clyton texana	JOHNSON: Byron Stewart Pk.	06-May-99		RSF
Doxocopa laure	WEBB: 18 mi. SW of Freer	02-May-10		TBL
Doxocopa laure	Hidalgo: Mission	01-Nov-10		CRS
Doxocopa laure	Hidalgo: Mission	02-Nov-10		B/S
Doxocopa laure B. Nall	Starr: Falcon SP	24-Nov-10		TBL
Doxocopa pavon theodora	Hidalgo: Estero Llano Grande SP	30-Oct-10		TBL
Doxocopa pavon theodora confined female oviposited on Celtis pallida; larvae feeding.	Hidalgo: Penitas	17-Nov-10		RWB
Smyrna blomfieldia datis	Hidalgo: Frontera Audubon	30-Oct-10		TBL
Smyrna blomfieldia datis	Hidalgo: Mission	15-Nov-10		CWB
Vanessa atalanta rubria	COMANCHE: Comanche	27-Mar-10		TBL
Vanessa virginiensis	GRAY: HWY 70	14-Jun-10		KD
Vanessa virginiensis	WHEELER: IH-40	14-Jun-10		KD
Nymphalis antiopa	COLLIN: Heard Sanctuary	19-May-10		TBL
Nymphalis antiopa	Brewster: Marathon	19-May-10	11-Sep-10	B/K
Polygonia comma Jack Carter	JOHNSON: Chisenhall Park	07-Mar-04		TBL
Polygonia comma Jack Carter	CASS: Hughes Springs	13-Mar-05		TBL
Polygonia comma J. Schneider pix	HARRIS: Bellaire	25-Feb-10		MR2
Polygonia comma	SABINE: Six Mile	03-Apr-10		B/K
Polygonia comma	Bastrop: Utley	05-Jun-10		TBL
Anartia fatima	Hidalgo: Bentsen SP	21-Jun-10	30-Nov-10	TBL
Anartia fatima	Hidalgo: Mission	04-Jul-10	04-Dec-10	TBL
Anartia fatima B. Nall	Starr: Falcon Heights	09-Oct-10		TBL
Siproeta epaphus	Hidalgo: McAllen	11-Dec-10		TBL
Siproeta stelenes biplagiata	Hidalgo: Mission	10-Mar-10	03-Dec-10	TBL
Siproeta stelenes biplagiata various other localites	Hidalgo: Frontera Audubon	27-Aug-10	30-Nov-10	TBL
Siproeta stelenes biplagiata various other localites	Starr: Rio Grande City	26-Oct-10	23-Nov-10	CRS
Junonia evarete	Pecos: 1 mi. W of Terrell Co.	06-Sep-10		CWB
Junonia genoveva	Hidalgo: Mission	26-Oct-10	02-Nov-10	B/K
Junonia genoveva	Cameron: Port Isabel	01-Nov-10		GM
Junonia genoveva associated w/ Avicennia germinans, on which females oviposited; larvae feeding.	Cameron: 8 mi. E of Brownsville	16-Nov-10		RWB

Hypolimnas misippus	CORYELL: Ft. Hood	15-May-10		RMK
D. Cimprich pic of fresh male, likely	accidental			
Chlosyne endeis pardelina	Starr: Falcon Heights	19-Jul-10		TBL
Berry Nall				
Chlosyne gorgone carlota	JOHNSON: Joshua	11-Jun-97		RSF
Chlosyne gorgone carlota	HENDERSON: CR 3913	14-Apr-10		JMC
Chlosyne janais	Medina: Hondo Creek	04-Sep-10	11-Sep-10	B/K
Chlosyne nycteis	JOHNSON: Chisenhall Park	13-Jun-97		RSF
Chlosyne nycteis	HUNT: CR 2296 X Dry Creek	14-Jun-10		JMC
Chlosyne nycteis	WASHINGTON: Brenham	09-Nov-10		RHW
Chlosyne rosita browni	UVALDE: Frio River	03-Oct-08		RSF
Chlosyne theona thekla	Brewster: BIBE: nr. Sam Nail Ranch	09-Sep-10		B/K
Dymasia dymas	STARR: Falcon Heights	04-Apr-07	15-Oct-10	TBL
Berry Nall photos				
Texola elada perse	Brewster: Marathon	19-May-10	11-Sep-10	B/K
Phyciodes phaon	JOHNSON: Joshua	23-Apr-97		RSF
Phyciodes phaon	GRAY: HWY 70	14-Jun-10		KD
Anthanassa texana	GARZA: FM 651 NE of Post	13-Jun-10		AH1
Anthanassa texana	HALE: no locality given	13-Jun-10		AH1
Anthanassa texana	LAMB: no locality given	13-Jun-10		AH1
Anthanassa texana	WASHINGTON: Brenham	09-Nov-10		RHW
Anthanassa tulcis	LIVE OAK: Ramirena Creek	28-Sep-07		RSF
Anthanassa tulcis	Hidalgo: Frontera Audubon	18-Jun-10		MR2
Anthanassa tulcis	Starr: Falcon Heights	19-Jul-10		TBL
Berry Nall				
Anthanassa tulcis	Hidalgo: Mission	27-Oct-10		B/K
<b>Moths</b>				
<b>PSYCHIDAE</b>				
Astala confederata	HARRIS: Spring Valley	31-May-10	17-Jun-10	B/K
Oiketicus abbotii	MEDINA: 5 mi. N of Devine	01-Sep-10		TBL
M. Heiman				
Oiketicus abbotii	FORT BEND: vic. Missouri City	19-Sep-10		TBL
Oiketicus townsendi dendrokomos	Jeff Davis: Fort Davis	18-May-10		B/K
<b>SCYTHRIDIDAE</b>				
Scythris trivinctella	KAUFMAN: Becker	30-Sep-10		JMC
<b>HYBLAEIDAE</b>				
Hyblaea puera	HIDALGO: Mission	03-Aug-10	09-Aug-10	B/K
<b>THYRIDIDAE</b>				
Thyris maculata	TERRELL: Sanderson	05-Sep-10		CWB
Dysodia granulata	MEDINA: 5 mi. N of Devine	03-May-10		TBL
M. Heiman				
Dysodia granulata	BEE: Beeville	22-Jun-10		TBL
Meskea dyspteraria	MEDINA: 5 mi. N of Devine	08-May-10		TBL
M. Heiman				
<b>CRAMBIDAE</b>				
Eulepte anticostalis	KAUFMAN: Becker	09-Sep-09	24-Aug-10	JMC
Ommatospila narcaeusalis	Hidalgo: Mission	12-Aug-10	15-Oct-10	CWB
Ommatospila narcaeusalis	KAUFMAN: Becker	10-Nov-10		JMC
Palpita quadristigmalis	JOHNSON: Burleson	31-Aug-10		RSF
Pilocrocis ramentalis	MEDINA: 5 mi. N of Devine	05-Sep-10		TBL
M. Heiman				
Pseudopyrausta marginalis	Hidalgo: Mission	12-Oct-10		CWB
Pyrausta atropurpuralis	Uvalde: Concan	13-Sep-10		B/K
Pyrausta retidiscalis	Brewster: BIBE; Chisos Basin	20-May-10		ECK
Syngamia florella	FORT BEND: vic. Missouri City	19-Sep-10		TBL
Usingeriessa brunnildalis	JEFF DAVIS: Fort Davis	11-Sep-10		ECK
Aponia aponianalis	BREWSTER: BIBE: Basin	06-Sep-10		CWB
US RECORD				
<b>PYRALIDAE</b>				
Salobrena vacuana	HIDALGO: McAllen	17-May-76	09-Nov-00	B/K
STATE RECORD; last in SPGS, Cameron Co.; det. M. A. Solis.				
Salebriaria pumilella	KAUFMAN: Becker	22-Aug-10		JMC
Elasmopalpus lignosellus	KAUFMAN: Becker	27-Oct-10		JMC
Patriciolla semicana	Brewster: BIBE: Dugout Wells	08-Sep-10		ECK
Vitula pinei	BREWSTER: BIBE; Chisos Basin	20-May-10		ECK
Sosipatra knudsoni	Brewster: BIBE: Basin	07-Sep-10		CWB
<b>SESIIDAE</b>				

Zenodoxus mexicanus	Brewster: BIBE; Chisos Basin	21-May-10		B/K
Zenodoxus palmii	Uvalde: Concan	15-May-10		B/K
Zenodoxus palmii	Hidalgo: Mission	12-Oct-10		CWB
Zenodoxus rubens	Jeff Davis: Fort Davis	11-Sep-10		B/K
Zenodoxus rubens	Hidalgo: Mission	12-Nov-10		CWB
Cissuvora ampelopsis	Hidalgo: Mission	12-Mar-10	30-Oct-10	B/K
Paranthrene dollii	KAUFMAN: Becker	01-Jul-10		JMC
Paranthrene dollii	Hidalgo: Mission	02-Nov-10		CWB
Vitacea admiranda	Harris: Spring Valley	03-Jun-10	31-Aug-10	B/K
Melittia calabaza	KAUFMAN: Becker	23-May-10		JMC
Melittia gloriosa	EDWARDS: Carta Valley	23-May-10		CWB
Melittia gloriosa	TERRELL: 6 mi. W of Sanderson	06-Sep-10	11-Sep-10	B/K
Melittia gloriosa	JOHNSON: CR 1237	16-Sep-10		RSF
Melittia gloriosa C. Sexton	BURNET: Balcones Canyonlands NWR	26-Sep-10		TBL
Melittia grandis	EDWARDS: Carta Valley	23-May-10		B/K
Melittia grandis	JOHNSON: Hamm Creek Pk.	04-Sep-10	19-Sep-10	JMC
Synanthedon decipiens	MEDINA: Castroville	15-May-10		ECK
Synanthedon decipiens	KERR: MO Ranch	23-May-10		B/K
Synanthedon decipiens	COLORADO: Columbus	24-May-10		ECK
Synanthedon decipiens	JOHNSON: Burleson	22-Aug-10	06-Sep-10	RSF
Synanthedon decipiens	HENDERSON: Athens	08-Sep-10		JMC
Synanthedon exitiosa	JOHNSON: Burleson	23-Aug-10		RSF
Synanthedon pictipes	ANDERSON: Davy Dogwood Park	21-Oct-10		JMC
Synanthedon refulgens form "seminole"	Harris: Spring Valley	06-Jun-10	31-Aug-10	B/K
Synanthedon rubrofascia	BOWIE: Clearsprings Pk.	27-Jun-10		RSF
Synanthedon sapygaeformis	Hidalgo: Mission	18-Mar-10	26-Mar-10	CWB
Synanthedon scitula	JOHNSON: Burleson	30-Aug-10		RSF
Podosesia aureocincta	Hidalgo: Mission	29-Oct-10	12-Nov-10	B/K
Carmenta anthracipennis	JOHNSON: Ham Creek Park	24-Apr-10		JMC
Carmenta arizonae	Brewster: BIBE; Green Gulch	20-May-10		ECK
Carmenta armasata	Hidalgo: Mission	27-Oct-10	30-Oct-10	B/K
Carmenta mimuli	JOHNSON: Burleson	03-Oct-10		RSF
Carmenta tildeni Terry Fuller	Cameron: San Benito	24-Aug-10		TBL
<b>ZYGAENIDAE</b>				
Harrisina coracina	Hidalgo: Mission	03-Mar-10	02-Nov-10	B/K
Harrisina coracina	Medina: Hondo Creek	12-Sep-10		B/K
Harrisina metallica	BREWSTER: 5 mi. W of Pecos Co. Line	06-Sep-10		CWB
Acoliothus falsarius	SMITH: Faulkner Park	17-Sep-10		JMC
<b>COSSIDAE</b>				
Givira lucretia	Hidalgo: Mission	11-Aug-10		CWB
Comadia redtenbacheri	Brewster: BIBE; Chisos Basin	20-May-10		ECK
Fania nana M. Heiman	MEDINA: 5 mi. N. of Devine	22-May-10		TBL
Prionoxystus robiniae	JOHNSON: Burleson	16-May-10		RSF
<b>LIMACODIDAE</b>				
Epiperola perornata M. Heiman	MEDINA: 5 mi. N of Devine	28-Apr-10		TBL
Epiperola perornata	BASTROP: Utley	14-Sep-10		TBL
Heterogenea shurtleffi	KAUFMAN: Becker	09-Aug-10		JMC
<b>TORTRICIDAE</b>				
Eucosma atascosana	Brooks: Falfurrias	23-Oct-10		ECK
Eucosma giganteana	Jeff Davis: Fort Davis	18-May-10		B/K
Pelochrista scintillana	Jeff Davis: Fort Davis	18-May-10		B/K
<b>URANIIDAE</b>				
Urania fulgens	Hidalgo: Mission	14-Nov-10		TBL
<b>EPIPLEMIDAE</b>				
Antiplecta triangularis	JEFF DAVIS: Fort Davis	18-May-10		CWB
<b>GEOMETRIDAE</b>				
Sicyopsis blanchardata	Brewster: BIBE: Basin	07-Sep-10		CWB
Narraga fimetaria	KAUFMAN: Becker	05-May-10		JMC
Glauцина erroraria	Brewster: BIBE: Dugout Wells	08-Sep-10		ECK
Eubarnesia ritaria	Brewster: BIBE: Basin	06-Sep-10		ECK
Paraperomia cassinoi	Brewster: BIBE: Basin	06-Sep-10		CWB

<i>Prionomelia spododea</i>	Brewster: BIBE: Basin	07-Sep-10		CWB
<i>Melanochroia chephise</i>	Jackson: Ganado	06-Dec-10		CWB
<i>Drepanulatrix hulstii</i>	Brewster: BIBE; Chisos Basin	20-May-10		ECK
<i>Pterospora nigrescens</i>	Brewster: BIBE: Dugout Wells	08-Sep-10		CWB
<i>Philtraea paucimacula</i>	Brewster: BIBE: Dugout Wells	08-Sep-10		ECK
<i>Odontoptila obrimo</i>	Hidalgo: Mission	18-Oct-10		CWB
<i>Lophosis labeculata</i>	KAUFMAN: Becker	11-Oct-10		JMC
<i>Coryphista meadii</i>	KERR: MO Ranch	24-May-10	12-Sep-10	CWB
<i>Stamnodes franckata</i>	Jeff Davis: Fort Davis	10-Sep-10		ECK
<i>Heterusia atalantata</i>	Hidalgo: Mission	22-Mar-10		CWB
<b>SATURNIIDAE</b>				
<i>Eacles imperialis</i>	Uvalde: Concan	11-Sep-10		B/K
<i>Sphingicampa bicolor</i>	TRAVIS: Webberville	19-Mar-10		TBL
<i>Sphingicampa bisecta</i>	CLAY: Byers	21-Jul-10		TBL
B. Freeman pix of very fresh individual.				
<i>Sphingicampa heiligbrodti</i>	Brooks: US 281 RA	30-Sep-10	23-Oct-10	B/K
<i>Sphingicampa hubbardi</i>	Val Verde: Del Rio	04-Sep-10	11-Sep-10	B/K
also in Terrell, Brewster, & Jeff Davis Co.'s.				
<i>Automeris io</i>	JOHNSON: Joshua	01-Apr-05		RSF
<i>Automeris io</i>	MCLENNAN: Hewitt	08-May-10		TBL
<i>Agapema anona dyari</i>	Brewster: Marathon	08-Oct-10	28-Oct-10	TBL
<i>Antheraea oculatea</i>	Brewster: BIBE; Chisos Basin	20-May-10		ECK
<i>Antheraea oculatea</i>	Terrell: Sanderson	11-Sep-10		ECK
<i>Antheraea polyphemus</i>	JOHNSON: Burleson	08-May-10		RSF
<i>Antheraea polyphemus</i>	Uvalde: Concan	11-Sep-10		B/K
<i>Actias luna</i>	Sabine: Six Mile	03-Apr-10		B/K
<i>Rothschildia lebeau forbesi</i>	Hidalgo: Mission	20-Mar-10		TBL
<i>Rothschildia lebeau forbesi</i>	Hidalgo: Mission	04-Oct-10		CWB
<i>Eupackardia calleta</i>	Bee: Beeville	14-Mar-10		TBL
<i>Eupackardia calleta</i>	Brewster: Panther Junction	09-Sep-10		B/K
<i>Eupackardia calleta</i>	Medina: 5 mi. N of Devine	24-Sep-10	06-Oct-10	TBL
M.Heiman				
<i>Eupackardia calleta</i>	Frio: Dilley	10-Oct-10		JFD
<i>Callosamia promethea</i>	Sabine: Six Mile	03-Apr-10		B/K
<i>Callosamia promethea</i>	ANDERSON: 9 mi. S of Camp Hill	06-Apr-10		JMC
<b>SPHINGIDAE</b>				
<i>Agrius cingulata</i>	JOHNSON: Burleson	05-Sep-09		RSF
<i>Manduca quinquemaculatus</i>	JOHNSON: Burleson	13-Aug-09		RSF
<i>Manduca rustica</i>	JOHNSON: Burleson	17-Aug-09		RSF
<i>Manduca rustica</i>	MCLENNAN: Waco	05-Aug-10		TBL
<i>Manduca sexta</i>	JOHNSON: Joshua	14-Jul-99		RSF
<i>Dolba hylaeus</i>	JOHNSON: Burleson	09-Jul-09		RSF
<i>Dolba hylaeus</i>	KENDALL: multiple locations	21-May-10		MDV
5th instar larvae on <i>Ilex decidua</i>				
<i>Dolba hylaeus</i>	BEE: Beeville	30-May-10		TBL
<i>Dolba hylaeus</i>	MCLENNAN: McGregor	30-Sep-10		TBL
<i>Ceratomia amyntor</i>	Jeff Davis: Fort Davis	18-May-10		ECK
1st adult recorded from Trans-Pecos TX				
<i>Ceratomia hageni</i>	JOHNSON: Joshua	16-May-97		RSF
<i>Ceratomia undulosa</i>	JOHNSON: Burleson	30-Jun-97		RSF
<i>Ceratomia undulosa</i>	KENDALL: multiple locations	21-May-10		MDV
later instars on <i>Fraxinus texensis</i>				
<i>Ceratomia undulosa</i>	FORT BEND: vic. Missouri City	26-Sep-10		TBL
<i>Paratrea plebeja</i>	JOHNSON: Burleson	22-Jun-10		RSF
<i>Paratrea plebeja</i>	BASTROP: "Lost Pines area"	07-Aug-10		TBL
<i>Paratrea plebeja</i>	TRAVIS: Austin	17-Aug-10		TBL
<i>Sphinx chersis</i>	Brewster: BIBE; Chisos Basin	20-May-10	09-Sep-10	ECK
<i>Sphinx dollii</i>	Uvalde: Concan	11-Sep-10		B/K
<i>Sphinx libocedrus</i>	Medina: 5 mi. N of Devine	25-Aug-10		TBL
M.Heiman				
<i>Sphinx libocedrus</i>	Terrell: Sanderson	11-Sep-10		CWB
<i>Lintneria istar</i>	Uvalde: Concan	15-May-10	12-Sep-10	B/K
<i>Amorpha juglandis</i>	JOHNSON: Burleson	29-May-07		RSF
<i>Amorpha juglandis</i>	BEE: Beeville	13-Jun-10		TBL
<i>Amorpha juglandis</i>	MCLENNAN: Waco	26-Aug-10	06-Sep-10	TBL
<i>Pachysphinx occidentalis</i>	Jeff Davis: Fort Davis	11-Sep-10		B/K
<i>Erinnyis alope</i>	HAYS: Dripping Springs	24-Jul-10		TBL



<i>Erinnyis alope</i>	JOHNSON: Burleson	04-Aug-10		RSF
<i>Erinnyis ello</i>	JOHNSON: Burleson	09-Jul-09		RSF
<i>Erinnyis ello</i>	TRAVIS: Pflugerville	25-Sep-10		TBL
<i>Erinnyis lassauxii</i> C. Sexton	TRAVIS: Austin	03-Dec-10		TBL
<i>Aellopos titan</i>	JOHNSON: Burleson	06-Jul-08		RSF
<i>Aellopos titan</i> also 14 mi. N of Study Butte	BREWSTER: BIBE: Lost Mine Trail	07-Sep-10	12-Sep-10	B/K
<i>Hemaris diffinis</i>	JOHNSON: Burleson	20-Aug-08		RSF
<i>Hemaris diffinis</i> late instars on <i>Lonicera sempervirens</i>	KENDALL: multiple locations	21-May-10		MDV
<i>Hemaris diffinis</i> late instars on <i>Lonicera sempervirens</i>	BEXAR: multiple locations	21-May-10		MDV
<i>Eumorpha achemon</i>	JOHNSON: Burleson	19-Jul-09		RSF
<i>Eumorpha fasciatus</i>	JOHNSON: Burleson	17-Jul-09		RSF
<i>Eumorpha pandorus</i>	JOHNSON: Burleson	13-Jul-09		RSF
<i>Eumorpha pandorus</i>	MCLENNAN: Waco	30-Aug-10		TBL
<i>Eumorpha vitis</i>	JOHNSON: Burleson	31-Jul-07		RSF
<i>Eumorpha vitis</i>	Medina: US 90 RA	14-Sep-10		ECK
<i>Sphecodina abbottii</i>	KAUFMAN: Becker	16-Jun-10		JMC
<i>Sphecodina abbottii</i>	BOWIE: Clear Springs Park	26-Jun-10		RSF
<i>Amphion floridensis</i>	JOHNSON: Burleson	14-Jul-09		RSF
<i>Amphion floridensis</i> M. Heindel	BANDERA: Lost Maples SP	10-Apr-10		TBL
<i>Amphion floridensis</i>	COMAL: SE of Kendall C. line	14-Jul-10	25-Jul-10	JFD
<i>Darapsa myron</i>	HOUSTON: Ratcliff Lake	14-May-05		RSF
<i>Darapsa myron</i>	JOHNSON: Burleson	25-Jul-09		RSF
<i>Xylophanes falco</i>	Brewster: BIBE: Basin	10-Sep-10		B/K
<i>Xylophanes tersa</i>	JOHNSON: Burleson	28-Sep-08		RSF
<i>Xylophanes tersa</i> M. Heiman	MEDINA: 5 mi. N of Devine	28-Apr-10		TBL
<i>Hyles lineata</i>	JOHNSON: Burleson	28-Mar-07		RSF
<b>NOTODONTIDAE</b>				
<i>Furcula nivea meridionalis</i>	Jeff Davis: Fort Davis	18-May-10	10-Sep-10	B/K
<i>Cerura scitiscrupta</i>	JOHNSON: Burleson	01-Jun-10		RSF
<i>Heterocampa belfragei</i>	Brewster: BIBE; Chisos Basin	20-May-10		B/K
<b>ARCTIIDAE</b>				
<i>Cisthene picta</i>	KAUFMAN: Becker	25-Sep-10		JMC
<i>Lycomorpha pholus</i> also in Real Co.	KERR: MO Ranch	23-May-10		B/K
<i>Lycomorpha splendens</i>	Brewster: BIBE; Chisos Basin	20-May-10		ECK
<i>Hypoprepia miniata</i>	JOHNSON: Burleson	01-Jun-10		RSF
<i>Bruceia hubbardi</i>	Brewster: BIBE: Basin	10-Sep-10		B/K
<i>Holomelina costata</i>	Terrell: Sanderson	16-May-10	06-Sep-10	B/K
<i>Grammia arge</i>	JOHNSON: Byron Stewart Pk.	17-Aug-99		RSF
<i>Grammia arge</i>	KAUFMAN: Becker	07-Jun-10		JMC
<i>Grammia f-pallida</i>	Jeff Davis: Fort Davis	18-May-10		B/K
<i>Grammia incorrupta</i>	Jeff Davis: Fort Davis	18-May-10	11-Sep-10	B/K
<i>Apantesis carlotta</i>	JOHNSON: Burleson	03-Apr-10		RSF
<i>Pyrrharctia isabella</i>	KAUFMAN: Becker	06-Jun-10		JMC
<i>Estigmene acrea</i>	JOHNSON: Joshua	24-Mar-02		RSF
<i>Estigmene albida</i>	Brewster: BIBE: Basin	10-Sep-10		B/K
<i>Hyphantria cunea</i>	KAUFMAN: Becker	01-Apr-10		JMC
<i>Spilosoma virginica</i>	JOHNSON: Burleson	21-Mar-08		RSF
<i>Euerythra trimaculata</i> M. Heiman	MEDINA: 5 mi. N of Devine	25-Apr-08	20-Aug-10	TBL
<i>Hypercompe oslari</i> M. Heiman	MEDINA: 5 mi. N of Devine	15-Sep-10		TBL
<i>Hypercompe scribonia</i>	JOHNSON: Byron Stewart Pk.	29-Aug-99		RSF
<i>Utetheisa ornatix</i>	BURNET: Balcones Canyonlands NWR	07-May-10		TBL
<i>Utetheisa ornatix</i>	TERRELL: west of Sanderson	23-May-10		CWB
<i>Utetheisa ornatix</i>	FORT BEND: vic. Missouri City	06-Nov-10		TBL
<i>Cygnia inopinatus</i>	KENDALL: no locality given	13-Jun-10		TBL
<i>Cygnia inopinatus</i>	BURNET: no locality given	13-Jun-10		TBL
<i>Euchaetes elegans</i>	Terrell: Sanderson	05-Sep-10		B/K
<i>Euchaetes polingi</i>	Jeff Davis: Fort Davis	18-May-10		B/K

<i>Euchaetes zella</i> also in Jeff Davis Co.	Brewster: BIBE: Basin	06-Sep-10	11-Sep-10	B/K
<i>Ectypia bivittata</i>	Uvalde: Concan	11-Sep-10		B/K
<i>Ectypia mexicana</i>	Brewster: BIBE: Basin	07-Sep-10		B/K
<i>Pygarctia flavidorsalis</i>	Jeff Davis: Fort Davis	18-May-10		B/K
<i>Pygarctia pterygostigma</i>	Brewster: BIBE: Basin	06-Sep-10	11-Sep-10	B/K
<i>Hypocrisias minima</i>	Jeff Davis: Fort Davis	10-Sep-10		CWB
<i>Halysidota davisii</i> also in Jeff Davis Co.	Brewster: BIBE: Basin	07-Sep-10	11-Sep-10	B/K
<i>Halysidota schausi</i>	Hidalgo: Mission	04-Oct-10	07-Oct-10	CWB
<i>Lophocampa caryae</i>	Brewster: BIBE; Chisos Basin	20-May-10	10-Sep-10	B/K
<i>Hemihyalea labecula</i> also in Jeff Davis Co.	Brewster: BIBE: Basin	06-Sep-10	11-Sep-10	B/K
<i>Bertholdia trigona</i>	Brewster: BIBE; Chisos Basin	20-May-10	10-Sep-10	B/K
<i>Phaloesia saucia</i>	Hidalgo: Mission	17-Jul-10	27-Oct-10	B/S
<i>Ctenucha venosa</i>	Brewster: BIBE: Basin	08-Sep-10	09-Sep-10	CWB
<i>Ctenucha venosa</i>	Brewster: BIBE: Basin	08-Sep-10	09-Sep-10	CWB
<i>Cisseps fulvicollis</i>	JOHNSON: Byron Stewart Pk.	11-Jul-10		RSF
<i>Macrocneme chrysis</i>	Hidalgo: Bentsen SP	30-Nov-10	10-Dec-10	TBL
<i>Syntomeida melanthus</i>	Terrell: Sanderson	23-Sep-10		B/K
<b>NOCTUIDAE</b>				
<i>Concana mundissima</i>	Hidalgo: Mission	11-Aug-10	12-Aug-10	CWB
<i>Metalectra cinctus</i> M. Heiman	MEDINA: 5 mi. N of Devine	21-May-10		TBL
<i>Metalectra cinctus</i> new valley record	HIDALGO: Mission	22-Jul-10	02-Aug-10	CWB
<i>Carteris lineata</i>	Hidalgo: Mission	02-Nov-10		CWB
<i>Hypena abjuralis</i>	Hidalgo: Mission	02-Nov-10		CWB
<i>Hypena annulalis</i>	BREWSTER: BIBE: Basin	08-Sep-10		B/K
<i>Hemeroplanis trilineosa</i>	Terrell: Sanderson	06-Sep-10		B/K
<i>Nigetia formosalis</i>	KAUFMAN: Becker	09-Aug-10		JMC
<i>Thysania zenobia</i>	Hidalgo: Mission	02-Nov-10	07-Nov-10	B/S
<i>Anomis editrix</i>	BREWSTER: BIBE; Chisos Basin	20-May-10		CWB
<i>Gonodonta pyrgo</i>	Kaufman: Becker	20-Jun-10		JMC
<i>Hypsoropha moniliis</i>	KAUFMAN: Becker	06-Apr-10		JMC
<i>Litoprosopus confligens</i>	Hidalgo: Mission	21-Jul-10	30-Jul-10	CWB
<i>Litoprosopus futilis</i> larvae on <i>Sabal texana</i> , reared to adult by B. Freeman.	CALHOUN: Port O'Connor	20-Jun-10		TBL
<i>Litoprosopus futilis</i> quite common locally	Hidalgo: Mission	16-Jul-10	01-Aug-10	CWB
<i>Hypocala andremona</i>	Brewster: BIBE: Basin	07-Sep-10		B/K
<i>Drasteria ingeniculata</i>	HENDERSON: CR 3913	08-Apr-10		JMC
<i>Ptichodis vinculum</i>	Hidalgo: Mission	02-Nov-10		CWB
<i>Argyrostromis anilis</i>	JOHNSON: Burleson	26-Aug-10		RSF
<i>Herminocala stigmaphiles</i> US RECORD; found in USNM, leg J.D. Mitchell, between 1891-1920.	VICTORIA: Victoria	12-Aug-10		JDL
<i>Panopoda repanda</i> M.Heiman	MEDINA: 5 mi. N of Devine	15-Sep-10		TBL
<i>Zale horrida</i>	KAUFMAN: Becker	10-Jun-10		JMC
<i>Catocala agrippina</i>	JOHNSON: Burleson	14-Jul-99		RSF
<i>Catocala alabamae</i>	KAUFMAN: Becker	25-May-10		JMC
<i>Catocala amatrix</i>	JOHNSON: Byron Stewart Pk.	14-Jul-99		RSF
<i>Catocala amatrix</i>	BOWIE: Hwy 8 X Red River	26-Jun-10		RSF
<i>Catocala amica</i>	JOHNSON: Burleson	05-Jun-10		RSF
<i>Catocala amica</i>	KAUFMAN: Becker	08-Jun-10		JMC
<i>Catocala cara carissima</i>	JOHNSON: Byron Stewart Pk.	21-Jun-03		RSF
<i>Catocala cara carissima</i>	KAUFMAN: Cedar Creek	29-Aug-09		RSF
<i>Catocala coccinata</i>	KAUFMAN: Becker	16-May-10	22-May-10	JMC
<i>Catocala connubialis</i>	KAUFMAN: Becker	21-May-10	25-May-10	JMC
<i>Catocala delillah desdemona</i>	Brewster: BIBE: Basin	06-Sep-10	10-Sep-10	B/K
<i>Catocala ilia</i>	JOHNSON: Burleson	20-May-10		RSF
<i>Catocala illecta</i>	JOHNSON: Joshua	11-May-05		RSF
<i>Catocala innubens</i>	JOHNSON: Byron Stewart Pk.	04-Jul-99		RSF
<i>Catocala maestosa</i>	JOHNSON: Byron Stewart Pk.	16-Aug-98		RSF
<i>Catocala micronympha</i>	JOHNSON: Burleson	18-May-10		RSF
<i>Catocala micronympha</i> M. Heiman	MEDINA: 5 mi. N of Devine	01-Jun-10		TBL
<i>Catocala muliercula</i>	KAUFMAN: Becker	12-Jun-10		JMC

<i>Catocala piatrix</i>	JOHNSON: Burleson	15-Jul-09		RSF
<i>Catocala sappho</i>	KAUFMAN: CR 4017 X Cedar Creek	09-Aug-10		MC1
<i>Catocala texana</i>	JOHNSON: Burleson	28-May-06		RSF
<i>Catocala texana</i>	Brewster: BIBE; Green Gulch	20-May-10	10-Sep-10	ECK
<i>Catocala texana</i>	Brewster: BIBE: Green Gulch	06-Sep-10	10-Sep-10	B/K
<i>Catocala umbrosa</i>	KAUFMAN: Becker	21-May-10	11-Jun-10	JMC
<i>Catocala verrilliana</i>	Jeff Davis: Fort Davis	10-Sep-10		B/K
<i>Paectes abrostolella</i>	Brewster: BIBE: Basin	06-Sep-10	10-Sep-10	B/K
<i>Tripudia dimidata</i>	Brewster: BIBE: Dugout Wells	08-Sep-10		B/K
<i>Amyna bullula</i>	Hidalgo: Mission	06-Nov-10		CWB
<i>Bagisara oula</i>	Hidalgo: Mission	05-Aug-10		CWB
<i>Bagisara praexcelsa</i> M. Heiman	MEDINA: 5 mi. N of Devine	18-Apr-10	18-May-10	TBL
<i>Tarachidia clausula</i>	Brewster: BIBE: Dugout Wells	08-Sep-10		B/K
<i>Hemispragueia idella</i>	BREWSTER: BIBE: Dugout Wells	08-Sep-10		CWB
<i>Hemispragueia idella</i>	Jeff Davis: Fort Davis	10-Sep-10		CWB
<i>Acontia bilimeki</i>	Brewster: BIBE: Basin	07-Sep-10		B/K
<i>Acontia geminocula</i>	Brewster: BIBE: Basin	07-Sep-10		B/K
<i>Acontia lucasi</i>	Brewster: BIBE: Dugout Wells	08-Sep-10		B/K
<i>Acontia tenuicula</i>	Hidalgo: Mission	22-Jul-10		CWB
<i>Aon noctuiformis</i>	Uvalde: Concan	11-Sep-10		B/K
<i>Acronicta rubricoma</i>	Hidalgo: Mission	04-Oct-10		CWB
<i>Xerociris wilsonii</i>	JOHNSON: Burleson	26-Aug-10		RSF
<i>Eudryas grata</i> M. Heiman	MEDINA: 5 mi. N of Devine	20-May-10		TBL
<i>Psychomorpha epimenis</i>	JOHNSON: Chisenhall Park	14-Feb-99		RSF
<i>Androloma disparata</i>	Hidalgo: Mission	18-Mar-10		CWB
<i>Emarianna cucullidea</i>	Jeff Davis: Fort Davis	10-Sep-10		B/K
<i>Supralathosea pronuba</i>	JEFF DAVIS: Fort Davis	10-Sep-10		ECK
<i>Sympistis toddi</i>	Brewster: BIBE: Dugout Wells	08-Sep-10		B/K
<i>Amphipyra pyramidoides</i>	KAUFMAN: Becker	06-Jun-10	12-Jun-10	JMC
<i>Paramiana perissa</i>	Brewster: BIBE: Basin	07-Sep-10		B/K
<i>Oslaria viridifera</i>	Jeff Davis: Fort Davis	10-Sep-10		B/K
<i>Oslaria viridifera</i> M. Heiman; both <i>O. viridifera</i> and possibly undescribed new sp.	MEDINA: 5 mi. N of Devine	17-Sep-10	24-Sep-10	TBL
<i>Oslaria viridifera</i> nr. <i>O. viridifera</i> ; possibly an undescribed sp.	BROOKS: Falfurrias	30-Sep-10		CWB
<i>Nocloa aliaga</i>	Brewster: BIBE: Dugout Wells	08-Sep-10		B/K
<i>Lythrodes radiatus</i>	Jeff Davis: Fort Davis	10-Sep-10		B/K
<i>Cropia ruthea</i>	Brewster: BIBE: Basin	09-Sep-10		CWB
<i>Speocropia fernae</i>	BREWSTER: BIBE: Basin	08-Sep-10		B/K
<i>Policocnemis unguatus</i>	Brewster: BIBE: Dugout Wells	08-Sep-10		B/K
<i>Plagiomimicus dimidiata</i>	Jeff Davis: Fort Davis	10-Sep-10		B/K
<i>Chrysoecia atrolinea</i>	Jeff Davis: Fort Davis	10-Sep-10		B/K
<i>Basilodes pepita</i>	KAUFMAN: Becker	14-Sep-10		JMC
<i>Eulithosia discistriga</i>	Terrell: Sanderson	11-Sep-10		B/K
<i>Eulithosia papago</i>	Jeff Davis: Fort Davis	10-Sep-10		B/K
<i>Stiria intermixta</i>	Terrell: Sanderson	05-Sep-10	11-Sep-10	B/K
<i>Chalcopasta fulgens</i>	Terrell: Sanderson	05-Sep-10		B/K
<i>Grotella vauriae</i>	Brewster: BIBE: Dugout Wells	08-Sep-10		B/K
<i>Chamaeclea basiochrea</i> M.Heiman	MEDINA: 5 mi. N of Devine	11-Sep-10		TBL
<i>Chamaeclea basiochrea</i> M.Heiman	MEDINA: 5 mi. N of Devine	15-Sep-10		TBL
<i>Erythroecia suavis</i>	Jeff Davis: Fort Davis	10-Sep-10		B/K
<i>Heliothis phloxiphagus</i> M. Heiman	MEDINA: 5 mi. N of Devine	13-May-10		TBL
<i>Heliocheilus toralis</i>	Jeff Davis: Fort Davis	10-Sep-10		B/K
<i>Schinia accessa</i>	JEFF DAVIS: Fort Davis	10-Sep-10		B/K
<i>Schinia accessa</i> M.Heiman	MEDINA: 5 mi. N of Devine	15-Sep-10		TBL
<i>Schinia alencis</i> M. Heiman	MEDINA: 5 mi. N of Devine	06-Oct-09		TBL
<i>Schinia alencis</i>	JEFF DAVIS: Fort Davis	10-Sep-10		B/K
<i>Schinia argentifascia</i>	Brewster: BIBE: Basin	06-Sep-10		B/K
<i>Schinia bina</i>	Brooks: US 281 RA	28-Mar-10		CWB
<i>Schinia bina</i>	Terrell: Sanderson	16-May-10	12-Sep-10	ECK
<i>Schinia bina</i>	Jeff Davis: Fort Davis	10-Sep-10		B/K

Schinia chrysellata	Jeff Davis: Fort Davis	10-Sep-10		B/K
Schinia ciliata	Jeff Davis: Fort Davis	10-Sep-10		B/K
Schinia citrinella	Brewster: BIBE: Dugout Wells	08-Sep-10		B/K
Schinia errans	Jeff Davis: Fort Davis	10-Sep-10		B/K
Schinia gaurae	Jeff Davis: Fort Davis	10-Sep-10		B/K
Schinia hulstia	Brewster: BIBE: Basin	06-Sep-10		B/K
Schinia indiana via Bob Patterson	PARKER: Springtown	14-May-10		ECK
Schinia lynx	HENDERSON: CR 3913	06-Oct-10		JMC
Schinia nubila	HENDERSON: CR 3907	23-Sep-10		JMC
Schinia nuchalis	Jeff Davis: Fort Davis	10-Sep-10		B/K
Schinia olivacea	TERRELL: Sanderson	16-May-10	06-Sep-10	CWB
Schinia petulans	KAUFMAN: Becker	27-Aug-10		JMC
Schinia siren M.Heiman	MEDINA: 5 mi. N of Devine	15-Sep-10		TBL
Schinia siren	SMITH: Faulkner Park	17-Sep-10		JMC
Schinia sordida	KAUFMAN: Becker	24-Sep-10		JMC
Schinia tertia	Terrell: Sanderson	05-Sep-10	11-Sep-10	B/K
Schinia trifascia	KAUFMAN: Becker	10-Sep-10		JMC
Schinia tuberculum	HENDERSON: CR 3913	13-Oct-10		JMC
Schinia volupia	Starr: no locality given	03-Apr-10		TBL
Schinia volupia M.Heiman	MEDINA: 5 mi. N of Devine	15-Sep-10		TBL
Perigea berinda	Terrell: Sanderson	05-Sep-10		B/K
Diastema clossia	TERRELL: Sanderson	16-May-10	06-Sep-10	ECK
Diastema clossia	Terrell: Sanderson	11-Sep-10		B/K
Diastema tigris	Terrell: Sanderson	11-Sep-10		B/K
Emarginea pallida STATE RECORD	JEFF DAVIS: Fort Davis	18-May-10	10-Sep-10	B/K
Emarginea pallida	Jeff Davis: Fort Davis	10-Sep-10		B/K
Elaphria chalcedonia	BREWSTER: BIBE: Basin	06-Sep-10	10-Sep-10	B/K
Elaphria exesa	Brewster: BIBE: Basin	06-Sep-10	10-Sep-10	B/K
Protoperigea posticata	Brewster: BIBE: Dugout Wells	08-Sep-10		B/K
Acroria terens	Hidalgo: Mission	11-Mar-10		MR2
Morrisonia mucens	KAUFMAN: Becker	08-Mar-10		JMC
Faronta rubripennis	Uvalde: Concan	10-Sep-10		B/K
Lacinipolia erecta	KAUFMAN: Becker	06-Oct-10		JMC
Ulolonche disticha C. Sexton	BURNET: Balcones Canyonlands NWR	09-Oct-10		TBL
Ulolonche disticha M.Heiman	MEDINA: 5 mi. N of Devine	13-Oct-10		TBL
Choephora fungorum	KAUFMAN: Becker	27-Oct-10		JMC
<b>AUTOSTICHIDAE</b>				
Spinitibia hodgesi STATE RECORD; last in BITH Turkey Cr. Unit (now in Autostichidae)	TYLER: Martin Dies SP	18-Nov-93	22-Jun-96	B/K

## Zone 7 Ontario/Quebec

## Ontario, Quebec

Coordinator: Jeffrey P. Crolla

### Contributors Cited:

R-A : Ron Allensen

DB : David Bree

PWH : Peter Hall

MLL : Michael L. Leski

B-R : Bruce Ripley

AW : Alan Wormington

B-B : Bruce Bolin

JC : Jeffrey P. Crolla

KEJ : Kyle E. Johnson

R-M : Robin McLeod

J-S : Jonathan Sylvestre

R-Y : Robert Yukich

RLB : Robert L. Bowles

JD : Julien Delisle

WGL : William G. Lamond

WO : Bill Oehlke

JPW : John P. Walas

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## ONTARIO

A warm, early spring significantly advanced the season leading to many early records; similarly, warm conditions in the fall extended the season and led to record late dates and some unusual partial second or third generations.

It was an outstanding year for migrants, particularly in southwestern Ontario which saw high numbers of common and uncommon immigrant species, as well as some noteworthy southern strays. *Danaus plexippus* and *Vanessa atalanta* both had exceptional years in Ontario, with many thousands of *V. atalanta* surging into southern Ontario in early May. The Province's first confirmed record of *Agraulis vanillae* was photographed by Allen Woodliffe at Rondeau Provincial Park in June. There was an unprecedented influx of *Erynnis funeralis* in the fall in southern Ontario this year, with a dozen records, most from Point Pelee National Park, and single records further north in Elgin and Halton Counties. An equally impressive influx of *Pyrgus communis* occurred in southwestern Ontario (Essex Co.), where it was numerous in many areas, with late individuals persisting into November.

Peter Hall found *Erynnis baptisiae* in Prince Edward County, a further eastward range extension and an indication this species is moving into eastern Ontario.

Three Black Witches (*A. odorata*) were reported by Alan Wormington from Point Pelee National Park, and David Bree found *Sesia apiformis* in Prince Edward County.

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## Butterflies

### HESPERIIDAE

<i>Epargyreus clarus</i> & Henrietta T. O'Neill, Stephen T. Pike; 2 seen; LATE	Essex: Point Pelee NP	24-Oct-10		AW
<i>Erynnis baptisiae</i> 3 seen on 20-Apr is record EARLY date for Toronto; 76 seen on 29-Apr & 219 seen on 5-May, all EARLY	Metropolitan Toronto: Toronto, Eglinton Flats	20-Apr-10	05-May-10	R-Y
<i>Erynnis baptisiae</i> ca.15 seen by Brenda Van Ryswyk nr. parking lot & gatehouse	Halton: Hilton Falls CA	19-Jul-10		JC
<i>Erynnis baptisiae</i> common; seen by Brenda Van Ryswyk; also at Kelso Quarry Park	Halton: Kelso Conservation Area	19-Jul-10		JC
<i>Erynnis baptisiae</i> photo; significant eastern range extension; moving into eastern Ontario	PRINCE EDWARD: Macaulay Mountain CA	31-Aug-10		PWH
<i>Erynnis baptisiae</i> 50+ seen	Brant: Apps' Mill CA, 300m upstream on Whiteman's Ck	10-Sep-10		WGL
<i>Erynnis baptisiae</i> also Kevin McLaughlin; 10 seen	Brant: Brantford, Waterworks Park	18-Sep-10		WGL
<i>Erynnis funeralis</i> 3rd Park record; nectaring on spotted knapweed; photos	Essex: Point Pelee NP, West Beach	05-Sep-10		AW
<i>Erynnis funeralis</i> two found by Henrietta T. O'Neill in her rural garden; photos by AW	Essex: just N of Point Pelee NP, Concession Rd. D	07-Sep-10	14-Sep-10	AW
<i>Erynnis funeralis</i> seen by Blake A. Mann	Essex: Point Pelee NP, West Beach	11-Sep-10		JC
<i>Erynnis funeralis</i> three seen moving N to S along beach; one nectared briefly on spotted knapweed	Essex: Point Pelee NP, West Beach to Tip	13-Sep-10		AW
<i>Erynnis funeralis</i> two seen; first date found by Stephen T. Pike	Essex: Point Pelee NP, West Beach	18-Sep-10	20-Sep-10	AW
<i>Erynnis funeralis</i> one very fresh, photos; nectaring on <i>Helianthus maximiliani</i> ; very rare stray	ELGIN: E of Port Burwell, 57755 Lakeshore Line	30-Sep-10		B-B
<i>Erynnis funeralis</i> seen by Adam & Rosalee Hall; 12th Park record & 10th for Park in 2010	Essex: Point Pelee NP, West Beach	04-Oct-10		AW
<i>Erynnis funeralis</i> very rare stray; seen & photographed by Brenda Van Ryswyk	HALTON: Kelso Conservation Area	08-Oct-10		JC
<i>Erynnis juvenalis</i> EARLY; seen by Blake A. Mann	Lambton: Reid CA	23-Apr-10		JC
<i>Erynnis juvenalis</i> EARLY	Metropolitan Toronto: Toronto, High Park	30-Apr-10		R-Y
<i>Erynnis juvenalis</i> record LATE date for Ottawa District; worn male; upperside photo; ID tentative but most likely this sp.	Lanark: The Burnt Lands, Golden Line Rd.	24-Jul-10		PWH
<i>Pyrgus communis</i> 3 seen; also 1 at White Pine Beach	Essex: Point Pelee NP, West Beach to Tip	13-Sep-09		AW
<i>Pyrgus communis</i>	Essex: Pelee Island, Victoria Rd.	01-Aug-10		R-Y
<i>Pyrgus communis</i> 3 seen by Bill Lamond & Kevin McLaughlin	Essex: Point Pelee NP, North Dike	29-Aug-10		JC
<i>Pyrgus communis</i> nectaring on spotted knapweed	Essex: Point Pelee NP, Northwest Beach	29-Aug-10		R-Y
<i>Pyrgus communis</i> seen by Jeff Larson; 100+ on first date; 25+ on last date; many in planted red clover fields; photos	Essex: Harrow	12-Sep-10	17-Oct-10	JC
<i>Pyrgus communis</i> 4 seen in alfalfa field	Essex: Bevel Line Rd. nr. Sturgeon Ck.	18-Sep-10		R-Y
<i>Pyrgus communis</i> 19 seen incl. pair in copula Oct. 6; latter dates by Gary Tezloff; Nov. date is very LATE	Essex: Leamington, Oak St. opposite Heinz plant	19-Sep-10	11-Nov-10	R-Y

Pyrgus communis 8 seen	Essex: Leamington, field behind Shoeless Joe's restaurant	20-Sep-10		AW
Pyrgus communis & Michael Tate; 24 seen	Essex: Point Pelee NP	24-Sep-10		AW
Pyrgus communis 6 seen; still numerous in Leamington as well	Essex: Point Pelee NP, West Beach	04-Oct-10		AW
Pyrgus communis seen by Jeff Larson	Essex: LaSalle, Brunet Park	17-Oct-10		JC
Pyrgus communis & Henrietta T. O'Neill, Stephen T. Pike; 6 seen; LATE	Essex: Point Pelee NP	19-Oct-10	24-Oct-10	AW
Pyrgus communis 4 seen by Jeff Larson; LATE	Essex: Harrow	24-Oct-10		JC
Thymelicus lineola tens of thousands seen	Victoria: Carden Plain, along Wylie Rd. & Alvar Rd.	20-Jun-10		R-Y
Hylephila phyleus pair in copula; seen by Mike Burrell et al.	Haldimand: Townsend sewage lagoons	23-Jul-10		JC
Hylephila phyleus one seen each date	Essex: Pelee Island	31-Jul-10	01-Aug-10	R-Y
Hylephila phyleus ca. 30 seen	Metropolitan Toronto: Toronto, James Gardens	16-Aug-10	09-Oct-10	R-Y
Hylephila phyleus persisted after first frost at end Oct.; a few seen on Nov 11 were very LATE	Elgin: 1 mi E Port Burwell, Monarch Landing Nursery	27-Aug-10	11-Nov-10	R-A
Hylephila phyleus 80 seen on 18-Sep incl. 55 just outside Park on Bevel Line Rd.	Essex: Point Pelee NP	29-Aug-10	18-Sep-10	R-Y
Hylephila phyleus & Blake A. Mann; 94 seen	Essex: Point Pelee NP	05-Sep-10		AW
Hylephila phyleus 2 seen on each date	Metropolitan Toronto: Toronto, Centre Island	07-Sep-10	24-Sep-10	R-Y
Hylephila phyleus 8 seen; Oct date is LATE	Metropolitan Toronto: Toronto, High Park	13-Sep-10	27-Oct-10	R-Y
Hylephila phyleus & Adam & Rosalee Hall; 196 seen; record high count for Park	Essex: Point Pelee NP	13-Sep-10		AW
Hylephila phyleus also Kevin McLaughlin; 4 seen	Brant: Brantford, Waterworks Park	18-Sep-10		WGL
Hylephila phyleus 10 seen in vacant lot	Essex: Leamington, Oak St. opposite Heinz plant	19-Sep-10		R-Y
Hesperia leonardus also Max L'arrivee & John Poland	Lennox & Addington: N of Amhertsview, Bayview Bog	17-Aug-10		PWH
Polites origenes record EARLY & record LATE dates for Toronto; also Glenn Richardson for June record	Metropolitan Toronto: Toronto, High Park	01-Jun-10	08-Oct-10	R-Y
Polites themistocles partial 2nd gen.	Leeds-Grenville: Chaffeys Locks Rd. at Catarauqui Trail	07-Aug-10		PWH
Polites themistocles LATE; partial 2nd gen.; seen by Adam & Rosalee Hall	Elgin: West Lorne Railway	09-Oct-10		JC
Wallengrenia egeremet ties record EARLY date for Toronto	Metropolitan Toronto: Toronto, Rouge Park, Twyn Rivers Drive	18-Jun-10		R-Y
Anatrytone logan record EARLY date for Toronto	Metropolitan Toronto: Toronto, Lambton Prairie	14-Jun-10		R-Y
Poanes hobomok ties record EARLY date for Toronto; 3 seen	Metropolitan Toronto: Toronto, Eglinton Flats	17-May-10		R-Y
Poanes viator two seen; rare; a few others by Henrietta T. O'Neill in following days	Essex: Point Pelee NP, Shuster Trail	17-Jul-10		R-Y
Euphyes vestris metacomet record EARLY date for Toronto	Metropolitan Toronto: Toronto, High Park	15-Jun-10		R-Y
<b>PAPILIONIDAE</b>				
Battus philenor	Essex: Point Pelee NP, Chinquapin Oak Trail	23-May-10		R-Y
Battus philenor June date is earliest recorded at this location; bred on pipevine, adults seen almost daily in summer	Elgin: 1 mi E Port Burwell, Monarch Landing Nursery	28-Jun-10	29-Sep-10	R-A
Papilio crespontes four seen by Joanne Dewey	Prince Edward: Sandbanks PP, Richardson's Campground	22-May-10	27-Jul-10	DB
Papilio crespontes seen by Bruce Ripley	Prince Edward: Point Traverse	24-May-10		DB
Papilio crespontes 4 seen by Joanne Dewey incl. another 1st brood individual on 27 June	Prince Edward: Elmbrook Road	29-May-10	22-Aug-10	DB
Papilio crespontes	Prince Edward: Beaver Meadow CA	15-Jun-10		DB
Papilio crespontes 2010 Otter Valley Butterfly Survey	Elgin: 12 km radius of Vienna	26-Jun-10		R-A
Papilio crespontes	Prince Edward: County Road 10 at Royal Road	15-Jul-10		DB

Papilio cressphontes several seen by K. Kingdon on Jul date; 4 seen by A. Buckley on Aug date	Prince Edward: Army Reserve Road	17-Jul-10	07-Aug-10	DB
Papilio cressphontes seen by Yvette Bree	Prince Edward: Fish Lake Road	17-Jul-10		DB
Papilio cressphontes seen by Yvette Bree	Prince Edward: Fry Road	17-Jul-10		DB
Papilio cressphontes seen by G. Bryant	Prince Edward: Waupoos	19-Jul-10		DB
Papilio cressphontes also H. Heron; 10 seen	Prince Edward: Bloomfield, Main Street	23-Jul-10	24-Aug-10	DB
Papilio cressphontes seen by Bill Gilmour	Northumberland: Presqu'ile PP, Bayshore Drive	29-Jul-10		DB
Papilio cressphontes seen by J. Poland	Prince Edward: Prince Edward Point	29-Jul-10	11-Aug-10	DB
Papilio cressphontes two seen	Prince Edward: Point Petre	03-Aug-10		DB
Papilio cressphontes two seen	Prince Edward: Tripp Road	06-Aug-10		DB
Papilio cressphontes	Prince Edward: Little Bluff CA	14-Aug-10		DB
Papilio cressphontes larva; photo	Prince Edward: Prince Edward Point	29-Aug-10		PWH
Papilio glaucus record EARLY date for Toronto; seen by Celia Harte	Metropolitan Toronto: Toronto, Queen's Park, Frost Bldg.	29-Apr-10		R-Y
Papilio glaucus EARLY	Metropolitan Toronto: Toronto, High Park	04-May-10		R-Y
Papilio glaucus also Tim Leah et al.; photo; likely a glaucus-canadensis hybrid; expanding into Ottawa area	Ottawa: Corkery Road extension	03-Jul-10		PWH
Papilio polyxenes asterius EARLY; seen by Blake A. Mann	Lambton: Port Lambton, Brander Park	13-Apr-10		JC
Papilio polyxenes asterius EARLY	Metropolitan Toronto: Toronto, Eglinton Flats	23-Apr-10		R-Y
Papilio polyxenes asterius seen by Adam & Rosalee Hall; record LATE date for Park	Essex: Point Pelee NP, West Beach	04-Oct-10		AW
Papilio troilus EARLY; seen by Blake A. Mann	Essex: Point Pelee NP, cemetery	02-May-10		JC
Papilio troilus 4 seen; 2010 Otter Valley Butterfly Survey	Elgin: 12 km radius of Vienna	26-Jun-10		R-A
Papilio troilus & Henrietta T. O'Neill, Stephen T. Pike; 3 seen; record LATE date for Park	Essex: Point Pelee NP	19-Oct-10	24-Oct-10	AW
<b>PIERIDAE</b>				
Pontia protodice one worn specimen; 52.003°N, 89.989°W	Kenora: Windigo Lake Rd. from Pickle Lake to Stirland Lake	19-Aug-10		MLL
Pieris rapae ties record EARLY date for Toronto	Metropolitan Toronto: Toronto, Lambton Prairie	24-Mar-10		R-Y
Pieris virginianensis EARLY; ca. 25 seen by Bob Curry & Glenda Slessor; nectaring on spring beauty & toothwort	Halton: NW of Burlington, Twiss Rd. escarpment woods	15-Apr-10		JC
Colias eurytheme common	Kenora: Windigo Lake Rd. from Pickle Lake to Stirland Lake	19-Aug-10	21-Aug-10	MLL
Colias interior very few records in recent years in Ottawa area	Lanark: The Burnt Lands, Golden Line Rd.	24-Jul-10		PWH
Colias interior uncommon	Kenora: Windigo Lake Rd. from Pickle Lake to Stirland Lake	19-Aug-10		MLL
Colias philodice record EARLY date for Toronto	Metropolitan Toronto: Toronto, South Humber Park	15-Apr-10		R-Y
Phoebis sennae seen by David DiCaire	Essex: Point Pelee NP, Tip parking lot	01-Oct-10		AW
Pyrisitia lisa one fresh specimen; few northern ON records	Thunder Bay: Kakabeka Falls	20-Jun-10		JPW
Pyrisitia lisa 3 seen; 2010 Otter Valley Butterfly Survey	Elgin: 12 km radius of Vienna	26-Jun-10		R-A
Pyrisitia lisa two specimens, fresh & worn; few northern ON records	Thunder Bay: Thunder Bay	11-Jul-10		JPW
Pyrisitia lisa 20 seen, several dates	Essex: Point Pelee NP	17-Jul-10	18-Sep-10	R-Y
Pyrisitia lisa also seen by Anne & Barry Robertson, John Poland; photo; on small rocky outcrop in Shield country	Frontenac: ca.1 km W of Frontenac PP	19-Jul-10		B-R
Pyrisitia lisa 14 seen by Blake A. Mann, all flying East	Chatham-Kent: Erieau, McGeachy Pond dike	23-Jul-10		JC

<i>Pyrisitia lisa</i> 4 seen	Essex: Pelee Island	31-Jul-10		R-Y
<i>Pyrisitia lisa</i> seen by Margaret Liubavicius	Metropolitan Toronto: Toronto, Lambton Prairie	18-Aug-10		R-Y
<b>LYCAENIDAE</b>				
<i>Feniseca tarquinius</i> wanderer, away from suitable habitat	Metropolitan Toronto: Toronto, Lambton Prairie	21-Jun-10		R-Y
<i>Feniseca tarquinius</i> seen by Aaron Yukich; wanderer, away from suitable habitat	Metropolitan Toronto: Toronto, Ward's Island, ferry docks	13-Aug-10		R-Y
<i>Feniseca tarquinius</i> seen by Margaret Liubavicius; wanderer, away from suitable habitat	Metropolitan Toronto: Toronto, Centre Island, church	08-Sep-10		R-Y
<i>Lycaena epixanthe</i> rare	Kenora: Windigo Lake Rd. from Pickle Lake to Stirland Lake	19-Aug-10		MLL
<i>Lycaena hyllus</i>	Thunder Bay: Thunder Bay	17-Jul-10		JPW
<i>Lycaena hyllus</i> record LATE for Kingston region; fresh male; photo	Prince Edward: tip of Prince Edward Point	03-Oct-10		B-R
<i>Lycaena hyllus</i> LATE; seen by Adam & Rosalee Hall	Elgin: Eagle, West Lorne Water Treatment Plant	10-Oct-10		JC
<i>Satyrrium calanus falacer</i> record EARLY date for Toronto	Metropolitan Toronto: Toronto, High Park	15-Jun-10		R-Y
<i>Satyrrium titus</i> record EARLY date for Toronto	Metropolitan Toronto: Toronto, Eglinton Flats	14-Jun-10		R-Y
<i>Callophrys gryneus</i>	Prince Edward: Picton, Macaulay Mountain CA	20-May-10		DB
<i>Callophrys gryneus</i> one seen by Joanne Dewey	Prince Edward: Elmbrook Road	29-May-10		DB
<i>Strymon melinus</i> LATE; seen by Gary Tezloff, photo	Essex: Leamington, Oak St. opposite Heinz plant	11-Nov-10		R-Y
<i>Cupido comyntas</i> record EARLY date for Toronto	Metropolitan Toronto: Toronto, Eglinton Flats	23-Apr-10		R-Y
<i>Cupido comyntas</i> five seen; EARLY	Metropolitan Toronto: Toronto, High Park	30-Apr-10		R-Y
<i>Celastrina ladon</i> EARLY; seen by Brenda Van Ryswyk	Leeds-Grenville: Lyndhurst	03-Apr-10		JC
<i>Celastrina ladon</i> EARLY; seen by Blake A. Mann	Essex: Point Pelee NP, West Beach Trail	03-Apr-10		JC
<i>Celastrina serotina</i> one fresh, nr. cherry trees	Ottawa: Mer Bleue, E end of Ridge Rd.	28-May-10		PWH
<i>Glaucoopsyche lygdamus couperi</i> photos; a further SW range extension for recent expansion in southern ON	ELGIN: E of Port Burwell, 57755 Lakeshore Line	24-May-09	27-May-10	B-B
<b>NYMPHALIDAE</b>				
<i>Libytheana carinenta</i> seen by Joanne Dewey; nr. small hackberry plantation	Prince Edward: Sandbanks PP, woodlands	17-Jun-10		DB
<i>Libytheana carinenta</i> nectaring on <i>Cirsium arvense</i> with dozens of <i>V.a. rubria</i>	Metropolitan Toronto: Toronto, Centre Island	14-Jul-10		R-Y
<i>Libytheana carinenta</i> seen by Joanne Dewey; nr. small hackberry plantation	Prince Edward: Sandbanks PP, back pit panne	15-Jul-10	31-Aug-10	DB
<i>Libytheana carinenta</i> 46 seen	Essex: Point Pelee NP	02-Aug-10		R-Y
<i>Libytheana carinenta</i> one seen on each date	Brant: Apps' Mill CA, 300m upstream on Whiteman's Ck	14-Aug-10	10-Sep-10	WGL
<i>Libytheana carinenta</i> also Kevin McLaughlin; fresh, photo	Brant: Brantford, Waterworks Park	18-Sep-10		WGL
<i>Libytheana carinenta</i> LATE; seen by Gary Tezloff	Essex: Leamington	13-Nov-10		R-Y
<i>Danaus plexippus</i> best monarch season here since 1997; ca.64,000 migrants in fall; peak migration dates 9-Sep: 20,000 & 18-Sep: 10-20,000	Elgin: 1 mi E Port Burwell, Monarch Landing Nursery	09-Sep-10	18-Sep-10	R-A
<i>Danaus plexippus</i> overnight roost of 10,000; largest roost in Park in ca. 20 yrs.; video at <a href="http://www.youtube.com/watch?v=PCDVGrt8AE">http://www.youtube.com/watch?v=PCDVGrt8AE</a>	Northumberland: Presqu'île PP, Owen Point	09-Sep-10		DB
<i>Danaus plexippus</i> ca. 5000 migrating S in steady stream from 1340-1530h EDT in overcast conditions	Essex: Point Pelee NP, West Beach	17-Sep-10		R-Y
<i>Coenonympha tullia</i> EARLY	Metropolitan Toronto: Toronto, High Park	18-May-10		R-Y
<i>Oeneis macounii</i> also Ken Allison; one seen; Algonquin East Side butterfly count, rain	Nipissing: Algonquin PP, Barren Canyon Rd. at Lake Travers	05-Jun-10		PWH
<i>Oeneis macounii</i> common	Kenora: Kenora	15-Jun-10		JPW
<i>Agraulis vanillae</i> PROVINCIAL RECORD; seen & photographed by P. Allen Woodliffe; nectaring on <i>Asclepias tuberosa</i>	CHATHAM-KENT: Rondeau PP	20-Jun-10		JC



Euptoieta claudia 3 seen; 2010 Otter Valley Butterfly Survey	Norfolk: Houghton Twp., "Fairnorth Farm"	26-Jun-10		R-A
Euptoieta claudia 3 on 31 July, seen commonly thereafter	Thunder Bay: Thunder Bay	31-Jul-10		JPW
Euptoieta claudia	Elgin: 1 mi E Port Burwell, Monarch Landing Nursery	09-Sep-10		R-A
Euptoieta claudia	Essex: Point Pelee NP, Northwest Beach	18-Sep-10		R-Y
Speyeria atlantis common; 50.21°N, 91.76°W	Kenora: forest rd off Hwy 516, 5 mi N Fills Lake	18-Aug-10		MLL
Speyeria atlantis common	Kenora: Windigo Lake Rd. from Pickle Lake to Stirland Lake	19-Aug-10	21-Aug-10	MLL
Speyeria cybele LATE; one each date seen by Adam & Rosalee Hall	Elgin: West Lorne, Graham Rd.	01-Oct-10	06-Oct-10	JC
Boloria chariclea grandis several peatlands	Rainy River: WNW of Fort Frances	29-Jul-10		KEJ
Boloria chariclea grandis common	Kenora: Windigo Lake Rd. from Pickle Lake to Stirland Lake	19-Aug-10	21-Aug-10	MLL
Boloria frigga saga	Thunder Bay: Raith	22-May-10		JPW
Limnitis arthemis common; 50.21°N, 91.76°W	Kenora: forest rd off Hwy 516, 5 mi N Fills Lake	18-Aug-10		MLL
Limnitis arthemis astyanax one seen by Joanne Dewey	Prince Edward: Sandbanks PP, dump road	06-Jul-10		DB
Limnitis arthemis astyanax seen by Henrietta T. O'Neill; record LATE date for Park	Essex: Point Pelee NP, Tip road	01-Oct-10		AW
Asterocampa celtis seen by Joe Bartock; photo	Hastings: Tweed, Stoco Lake, Moira River mouth	20-Jun-10		DB
Asterocampa celtis & Michael Tate; LATE; one freshly-emerged, likely partial 3rd brood individual	Essex: Point Pelee NP	24-Sep-10		AW
Asterocampa clyton photo; nectaring on purple Echinacea; nr. 4 large hackberry trees; new for City of Toronto	METROPOLITAN TORONTO: Centre Island, children's garden	27-Jul-10		R-Y
Vanessa atalanta rubria rare	Kenora: Windigo Lake Rd. from Pickle Lake to Stirland Lake	21-Aug-10		MLL
Vanessa cardui LATE; seen by Ian Shanahan	Northumberland: Presqu'île PP, Gull Island	11-Nov-10		DB
Vanessa virginiensis rare; 50.21°N, 91.76°W	Kenora: forest rd off Hwy 516, 5 mi N Fills Lake	18-Aug-10		MLL
Aglais milberti EARLY; photo; actively flying around and landing on roof of house	Frontenac: E of Sydenham, Rutledge Rd.	21-Feb-10		B-R
Nymphalis antiopa rare	Kenora: Windigo Lake Rd. from Pickle Lake to Stirland Lake	19-Aug-10	20-Aug-10	MLL
Nymphalis l-album rare	Kenora: Windigo Lake Rd. from Pickle Lake to Stirland Lake	19-Aug-10	21-Aug-10	MLL
Polygonia faunus	Rainy River: S of Log Creek	29-Jul-10		KEJ
Polygonia faunus common	Kenora: Windigo Lake Rd. from Pickle Lake to Stirland Lake	19-Aug-10	21-Aug-10	MLL
Polygonia gracilis four specimens; ca. 52.3°N, 91°W	Kenora: Windigo Lake Rd. from Pickle Lake to Stirland Lake	20-Aug-10	21-Aug-10	MLL
Polygonia interrogationis	Rainy River: S of Log Creek	29-Jul-10		KEJ
Polygonia progne rare	Kenora: Windigo Lake Rd. from Pickle Lake to Stirland Lake	19-Aug-10	20-Aug-10	MLL
Polygonia satyrus one worn seen & photographed by Harry Adams	Renfrew: Petawawa Research Forest	12-Jun-10		JC
Junonia coenia 4 seen; 2010 Otter Valley Butterfly Survey	Elgin: 12 km radius of Vienna	26-Jun-10		R-A
Junonia coenia several	Thunder Bay: Thunder Bay	11-Jul-10	17-Jul-10	JPW
Junonia coenia & Joanne Dewey; 11 seen; also a few larvae on Agalinis in late Aug/early Sep	Prince Edward: Sandbanks PP	29-Jul-10	15-Sep-10	DB
Junonia coenia seen by J. Poland	Prince Edward: Prince Edward Point	29-Jul-10		DB
Junonia coenia also K. Anderson, I. Shanahan, F. Landry; 10 seen	Northumberland: Presqu'île PP	29-Jul-10	17-Sep-10	DB
Junonia coenia 80 seen	Essex: Pelee Island, SW quadrant	31-Jul-10		R-Y
Junonia coenia 50+ seen by T. Norris	Prince Edward: Ostrander Point	27-Aug-10		DB
Junonia coenia 169 seen	Essex: Point Pelee NP	30-Aug-10		R-Y
Junonia coenia two seen, photo	Northumberland: Presqu'île PP	30-Aug-10		PWH

Junonia coenia 47 seen	Metropolitan Toronto: Toronto, Toronto Islands	07-Sep-10		R-Y
Junonia coenia 18 seen along 1.5 km stretch of road; 5 remaining on last date	Prince Edward: Helmer Road	07-Sep-10	19-Sep-10	B-R
Junonia coenia seen by Brenda Van Ryswyk; photo	Hamilton-Wentworth: Flamborough, Middletown Rd.	11-Sep-10		JC
Junonia coenia 61 seen by Adam & Rosalee Hall	Elgin: West Lorne	12-Sep-10		JC
Junonia coenia & Adam & Rosalee Hall; 619 seen; record high count for Park	Essex: Point Pelee NP	13-Sep-10		AW
Junonia coenia 10 seen by Bruce Ripley	Prince Edward: Ostrander Road	13-Sep-10		DB
Junonia coenia also Kevin McLaughlin; 3 seen	Brant: Brantford, Waterworks Park	18-Sep-10		WGL
Junonia coenia 78 seen in vacant lot; 3 seen on Nov. 11 by Gary Tezloff were LATE	Essex: Leamington, Oak St. opposite Heinz plant	19-Sep-10	11-Nov-10	R-Y
Junonia coenia seen by D. McClure	Prince Edward: Bloomfield	24-Sep-10		DB
Chlosyne gorgone carlota et al.; 1,000+ flying at 0900h EDT on 8-Jul, less than a quarter that number by noon; three from last brood seen 17-Aug	Leeds-Grenville: County Rd. 18, 4 km S Oxford Mills	08-Jul-10	17-Aug-10	PWH
Chlosyne gorgone carlota 3 specimens of third brood	Leeds-Grenville: County Rd. 18, 4 km S Oxford Mills	24-Aug-10		JD
Phyciodes batesii	Ottawa: Marlborough Forest, Roger Stephenson Dr.	02-Jun-10		PWH
Phyciodes cocyta uncommon; 50.21°N, 91.76°W	Kenora: forest rd off Hwy 516, 5 mi N Fills Lake	18-Aug-10		MLL
Phyciodes cocyta & Henrietta T. O'Neill, Stephen T. Pike; record LATE date for Park	Essex: Point Pelee NP	24-Oct-10		AW

## Moths

### HEPIALIDAE

Korscheltellus lupulinus EARLY; photo	Middlesex: Ailsa Craig	21-May-10		R-M
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### CRAMBIDAE

Spoladea recurvalis photo	Metropolitan Toronto: Toronto, High Park, ornamental gardens	26-Oct-10		R-Y
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### SESIIDAE

Sesia apiformis photos det. by J. Crolla; northern range extension	PRINCE EDWARD: Beaver Meadow CA (43°57'28"N, 77°10'58"W)	24-Jun-10		DB
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### GEOMETRIDAE

Operophtera bruceata over 1,000 flying in maple/beechn forest; photo	Simcoe: Copeland Forest, Horseshoe Valley	08-Nov-10		RLB
Chloroclystis rectangulata three photographed	MIDDLESEX: Parkhill CA	19-Jun-10		R-M
Carsia sororiata peatlands	KENORA: N of Sioux Narrows	29-Jul-10		KEJ

### NOCTUIDAE

Meganola minuscula photo; 2010 KFN BioBlitz	Leeds-Grenville: N of Morton	12-Jun-10		DB
Nigetia formosalis photo	Middlesex: Parkhill CA	23-Jun-10		R-M
Ascalapha odorata seen by Michael K. Matheson et al.; photos; worn female, sitting under porch overhang	Essex: just N of Point Pelee NP, Concession Rd. C	24-Jul-10		AW
Ascalapha odorata fresh male; flying in deep shadowy areas at Tip mid-morning, eventually alighting	Essex: Point Pelee NP, Tip	13-Aug-10		AW
Ascalapha odorata seen by Stephen T. Pike et al.; fresh male, sitting on overhang of Tip washrooms all day	Essex: Point Pelee NP, Tip washrooms	26-Sep-10		AW
Plusiodonta compressipalpis photo; 2010 KFN BioBlitz	Leeds-Grenville: N of Morton	12-Jun-10		DB
Paectes oculatrix seen by Joe Bartock; photo	Hastings: Tweed	16-Jun-10		DB
Psychomorpha epimenis EARLY; 2 seen	Metropolitan Toronto: Toronto, Eglinton Flats	16-Apr-10		R-Y
Oligia strigilis photo	Middlesex: Ailsa Craig	19-Jun-10		R-M
Achatodes zaeae photo	Middlesex: Ailsa Craig	06-Jul-10		R-M
Anhimella contrahens photo	MIDDLESEX: Ailsa Craig	22-Jun-10		R-M

Euxoa detersa	Northumberland: Presqu'île PP	10-Sep-10	DB
120 seen in 100m of beach dune, feeding on Solidago in day; reports of large ## of dayflying moths at Sandbanks PP also			
Euxoa detersa	Prince Edward: North Beach PP	15-Sep-10	DB
ca.300 seen in 200m of beach dune frantically feeding on Solidago & Aster in day; likely 1000's in dune habitat in area			
Euxoa detersa	Elgin: Port Bruce	19-Sep-10	R-M
photos; several on goldenrod in lakeshore dunes			

## QUEBEC

A *Magusa orbifera* was collected in August by Julien Delisle at Chisasibi on the eastern shore of James Bay, a remarkable record of a tropical migrant penetrating northward to the edge of the Arctic.

### Butterflies

#### HESPERIIDAE

<i>Carterocephalus palaemon</i> mandan 3 specimens	Baie-James: Chisasibi	22-Jun-10	JD
<i>Amblyscirtes hegon</i> also Max L'arrivee; two seen, photo	Outaouais: ca.14 km E of Low, Chemin Lac St-Charles	20-May-10	PWH
<i>Hesperia comma borealis</i> common	Baie-James: Chisasibi	22-Jun-10	01-Jul-10 JD

#### PAPILIONIDAE

<i>Papilio machaon hudsonianus</i> common near sea	Baie-James: Chisasibi	22-Jun-10	01-Jul-10 JD
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#### LYCAENIDAE

<i>Satyrium caryaevorum</i> also Christine Hanrahan	Outaouais: Luskville Falls, end of Ch. De L'Hôtel-De-Ville	12-Jul-10	PWH
<i>Era laeta</i> also Max L'arrivee; 4 seen, photo	Outaouais: ca.14 km E of Low, Chemin Lac St-Charles	20-May-10	PWH
<i>Cupido amyntula albrighti</i> 3 specimens	Abitibi-Témisc.: Guyenne	24-Jun-10	JD
<i>Cupido amyntula albrighti</i> one specimen	Abitibi-Témisc.: La Ferme	03-Jul-10	JD
<i>Polyommatus icarus</i> 46 seen; also Max L'arrivee & Jeremy Newman	Laurentides/Lanaud.: St-Janvier to Terrebonne	15-Jun-10	PWH
<i>Polyommatus icarus</i> 32 seen; also Max L'arrivee & Jeremy Newman	Laurentides: Lachute E 10 km to Mirabel Airport	15-Jun-10	PWH

#### NYMPHALIDAE

<i>Boloria selene atrocotalis</i> one specimen	Baie-James: Chisasibi	01-Jul-10	JD
<i>Boloria bellona</i> one specimen	Baie-James: Chisasibi	01-Jul-10	JD
<i>Boloria eunomia</i> common	Baie-James: Chisasibi	22-Jun-10	01-Jul-10 JD
<i>Boloria freija</i> two specimens	Baie-James: Chisasibi	22-Jun-10	JD
<i>Boloria frigga saga</i> 14 specimens	Baie-James: Chisasibi	22-Jun-10	01-Jul-10 JD
<i>Aglais milberti</i> also Max L'arrivee & Jeremy Newman; 22 seen, a high one-day count	Laurentides/Lanaud.: St-Janvier to Terrebonne	15-Jun-10	PWH
<i>Polygonia satyrus</i> also Max L'arrivee	Outaouais: ca.14 km E of Low, Chemin Lac St-Charles	20-May-10	PWH

### Moths

#### HEPIALIDAE

<i>Gazoryctra hyperboreus</i> two specimens at MV light ca.2200h EDT; subarctic bog	Baie-James: nr. Chisasibi (53°42.3'N, 78°35.7'W)	14-Aug-10	JD
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#### YPONOMEUTIDAE

<i>Yponomeuta cagnagella</i> in MV trap; introduced sp.; rocky open area nr. bogs	Québec: Réserve Faunique des Laurentides (ca. 47°N, 71°W)	07-Jul-10	J-S
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#### GEOMETRIDAE

<i>Cleora sublunaria</i> common	Outaouais: Cantley	24-Apr-10	JD
<i>Thera contractata</i> common	Baie-James: Chisasibi	14-Aug-10	JD

#### SPHINGIDAE

<i>Hemaris thysbe</i> seen by Neil Cameron; photo	Mauricie: Gouin Reservoir	05-Jul-10	WO
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#### ARCTIIDAE

<i>Platarctia parthenos borealis</i> common	Baie-James: Chisasibi	22-Jun-10	JD
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Lophocampa caryae four specimens	Outaouais: Eardley	26-May-10	JD
<b>NOCTUIDAE</b>			
Anticarsia gemmatalis one specimen; migrant	Outaouais: Cantley	27-Oct-10	JD
Catocala briseis four specimens	Baie-James: nr. Chisasibi (53°42.3'N, 78°35.7'W)	14-Aug-10	JD
Syngrapha surena common	Baie-James: Chisasibi	14-Aug-10	JD
Psychomorpha epimenis in MV trap; sandy open area nr. mixed woods	Centre-du-Québec: Manseau	02-May-10	J-S
Schinia arcigera in MV trap; sandy open area nr. mixed woods	Centre-du-Québec: Manseau	10-Jul-10	J-S
Schinia trifascia in MV trap; sandy open area nr. mixed woods	Centre-du-Québec: Manseau	12-Jul-10	J-S
Magusa orbifera one specimen in good condition; northern range extension	Baie-James: nr. Chisasibi (53°42.3'N, 78°35.7'W)	14-Aug-10	JD
Eremobina claudens common	Baie-James: Chisasibi	14-Aug-10	JD
Anarta farnhami one specimen, near sea	Baie-James: Chisasibi	22-Jun-10	JD
Lasionycta perplexa one specimen, near sea; disjunct eastern north american population	Baie-James: Chisasibi	22-Jun-10	JD

## Zone 8 Midwest

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

Coordinator: Leslie A. Ferge

### Contributors Cited:

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MM : Megan McCarty  
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AS1 : Al J. Smith  
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FXB : Fred Bower  
JAE : James E. Ebner  
RAH : Richard A. Henderson  
KEJ : Kyle E. Johnson  
JJM : Jason J. Martineau  
DBM : Dave McLean  
SJP : Stephen J. Parshall  
JS6 : James Sogaard  
PT1 : Paul Thompson

### General Comments:

Reports of general conditions were received for Minnesota, Iowa, Wisconsin and Michigan. The season began very early in that area, with numerous species appearing on record early dates. Long butterfly seasons were reported in Minnesota and Wisconsin. Drought conditions prevailed in NE Minnesota and the Keweenaw Peninsula of Upper Michigan. Butterfly numbers improved in the wake of the poor 2010 season. Many migratory butterfly species appeared northward at least in small numbers. *Vanessa atalanta* and *V. virginiensis* moved northward in abundance early in the season, and *Junonia coenia* extended into Keweenaw County, Michigan. *Polygonia interrogationis* appeared in northern Minnesota and Upper Michigan in late May. *Abaeis nicippe* was found in Indiana, Illinois, Iowa, West Virginia and Wisconsin. *Hylephila phyleus* became common in southern Wisconsin in August, and reached Delta County, Upper Michigan by 10 October. *Lycaena helloides* was reported from several areas. *Danaus plexippus* appeared in northern areas by the last week of May, and its populations were up considerably over 2010 levels. Notable strays included *Parrhasius m-album* and numerous *Xylophanes tersa* in Iowa and two *Agrilus cingulata* in Wisconsin. The introduced European Noctuid *Rhizedra lutosa* was reported again in southeastern Lower Michigan, and has spread westward into southeastern Wisconsin.

Prairie specialist butterflies are in serious trouble. The Swengels report that *Hesperia ottoe* has crashed on preserves east of the Great Plains, including all Wisconsin sites studied and every other site in Iowa, Minnesota, and Illinois for which recent data is available. The declines in Wisconsin coincide with intensive burning in *H. ottoe* core areas in preserved prairie sites. No reports of *Oarisma powesheik* were received despite efforts to find populations in known sites.

## ILLINOIS

### Butterflies HESPERIIDAE

<i>Erynnis baptisiae</i>	Lake: Illinois Beach SP	16-May-10	MLL
<i>Erynnis baptisiae</i>	Will: Des Plaines WMA	20-Jun-10	19-Sep-10 MLL

Erynnis funeralis	WILL: Des Plaines WMA	26-Sep-10		MLL
STATE RECORD, one fresh specimen				
Ancyloxypha numitor	Lake: Illinois Beach SP	11-Jun-10	23-Jul-10	MLL
Hylephila phyleus	Lake: Illinois Beach SP	11-Jun-10	30-Jul-10	MLL
Hylephila phyleus	Will: Des Plaines WMA	17-Jul-10	31-Oct-10	MLL
Hylephila phyleus	Cook: Evanston	16-Aug-10	12-Sep-10	SJP
Polites origenes	Lake: Illinois Beach SP	02-Jul-10	05-Jul-10	MLL
Wallengrenia egeremet	Lake: Illinois Beach SP	18-Jun-10	30-Jul-10	MLL
Pompeius verna	Lake: Illinois Beach SP	27-Jun-10	02-Jul-10	MLL
Anatrytone logan	Will: Des Plaines WMA	12-Jun-10	04-Sep-10	MLL
Poanes hobomok	Lake: Illinois Beach SP	16-May-10	25-Jun-10	MLL
Euphyes bimacula	Will: Des Plaines WMA	20-Jun-10	20-Jun-10	MLL
Sedge marsh in NE unit of WMA				
Euphyes bimacula	Lake: Illinois Beach SP	05-Jul-10	05-Jul-10	MLL
Euphyes conspicua	Will: Des Plaines WMA	26-Jun-10	11-Jul-10	MLL
Sedge marsh in NE unit of WMA				
Euphyes conspicua	Lake: Illinois Beach SP	05-Jul-10	23-Jul-10	MLL
Euphyes dion	Lake: Illinois Beach SP	02-Jul-10	05-Jul-10	MLL
Sedge marsh; males on milkweed, females on sedge				
<b>PAPILIONIDAE</b>				
Papilio crespontes	Will: Des Plaines WMA	12-Jun-10	12-Sep-10	MLL
Papilio glaucus	Lake: Illinois Beach SP	29-May-10	30-Jul-10	MLL
Papilio glaucus	Will: Des Plaines WMA	05-Jun-10	19-Sep-10	MLL
Papilio polyxenes	Will: Des Plaines WMA	05-Jun-10	19-Sep-10	MLL
Papilio polyxenes	Lake: Illinois Beach SP	09-Jul-10	30-Jul-10	MLL
<b>PIERIDAE</b>				
Euchloe olympia	Lake: Illinois Beach SP	01-May-10	15-May-10	MLL
Prarie along Lake Michigan				
Colias eurytheme	Lake: Illinois Beach SP	16-May-10	30-Jul-10	MLL
Zerene cesonia	Will: Des Plaines WMA	19-Sep-10	26-Sep-10	MLL
Phoebis sennae	Will: Des Plaines WMA	31-Jul-10		MLL
Several observed, recently emerged				
Pyrisitia lisa	Will: Des Plaines WMA	20-Jun-10	26-Sep-10	MLL
Pyrisitia lisa	Lake: Illinois Beach SP	25-Jun-10	23-Jul-10	MLL
Abaeis nicippe	Will: Des Plaines WMA	05-Jun-10	04-Sep-10	MLL
Nathalis iole	Will: Des Plaines WMA	28-Aug-10	26-Sep-10	MLL
<b>LYCAENIDAE</b>				
Lycaena hyllus	Will: Des Plaines WMA	11-Jul-10	26-Sep-10	MLL
Lycaena hyllus	Lake: Illinois Beach SP	23-Jul-10		MLL
Satyrrium calanus	Lake: Illinois Beach SP	25-Jun-10	02-Jul-10	MLL
Satyrrium edwardsii	Lake: Illinois Beach SP	25-Jun-10	27-Jun-10	MLL
Abundant on Quercus atop low rises				
Satyrrium titus	Lake: Illinois Beach SP	18-Jun-10	27-Jun-10	MLL
Satyrrium titus	Will: Des Plaines WMA	20-Jun-10		MLL
Strymon melinus	Will: Des Plaines WMA	04-Sep-10		MLL
Parrhasius m-album	DuPage: Waterfall Glen FP	07-Nov-10		MLL
Celastrina neglecta	Lake: Illinois Beach SP	25-Jun-10	30-Jul-10	MLL
Celastrina neglecta	Will: Des Plaines WMA	11-Jul-10	19-Sep-10	MLL
<b>NYMPHALIDAE</b>				
Libytheana carinenta	Lake: Illinois Beach SP	25-Jun-10		MLL
Libytheana carinenta	Will: Des Plaines WMA	18-Jul-10	12-Sep-10	MLL
Danaus plexippus	Lake: Illinois Beach SP	16-May-10	30-Jul-10	MLL
Danaus plexippus	Cook: Evanston	25-May-10		SJP
Danaus plexippus	Will: Des Plaines WMA	05-Jun-10	26-Sep-10	MLL
Lethe anthedon	Will: Des Plaines WMA	12-Jun-10	12-Sep-10	MLL
Lethe anthedon	Lake: Illinois Beach SP	18-Jun-10	23-Jul-10	MLL
Lethe appalachia	Lake: Illinois Beach SP	25-Jun-10	30-Jul-10	MLL
Localized in sedge meadows				
Lethe eurydice	Will: Des Plaines WMA	12-Jun-10	03-Jul-10	MLL
Sedge marsh in NE unit of WMA				
Lethe eurydice	Lake: Illinois Beach SP	25-Jun-10	30-Jul-10	MLL
Widespread in sedge meadows				
Megisto cymela	Lake: Illinois Beach SP	04-Jun-10	30-Jul-10	MLL
Megisto cymela	Will: Des Plaines WMA	05-Jun-10	24-Jul-10	MLL
Speyeria cybele	Will: Des Plaines WMA	05-Jun-10	04-Sep-10	MLL
Speyeria cybele	Lake: Illinois Beach SP	11-Jun-10	30-Jul-10	MLL
Boloria bellona	Will: Des Plaines WMA	12-Sep-10	12-Sep-10	MLL

<i>Limnitis archippus</i>	Will: Des Plaines WMA	12-Jun-10	26-Sep-10	MLL
<i>Limnitis arthemis astyanax</i>	Lake: Illinois Beach SP	11-Jun-10	30-Jul-10	MLL
<i>Limnitis arthemis astyanax</i>	Will: Des Plaines WMA	11-Jul-10	12-Sep-10	MLL
<i>Asterocampa celtis</i>	Will: Des Plaines WMA	05-Jun-10	19-Sep-10	MLL
<i>Vanessa atalanta</i>	Lake: Illinois Beach SP	16-May-10	30-Jul-10	MLL
<i>Vanessa atalanta</i>	Cook: Evanston	24-May-10		SJP
<i>Vanessa atalanta</i>	Will: Des Plaines WMA	05-Jun-10	26-Sep-10	MLL
<i>Vanessa cardui</i>	Will: Des Plaines WMA	31-Jul-10	26-Sep-10	MLL
<i>Vanessa virginiensis</i>	Lake: Illinois Beach SP	16-May-10	23-Jul-10	MLL
<i>Vanessa virginiensis</i>	Will: Des Plaines WMA	05-Jun-10	26-Sep-10	MLL
<i>Nymphalis antiopa</i>	Lake: Illinois Beach SP	16-May-10	10-Sep-10	MLL
<i>Nymphalis antiopa</i>	Will: Des Plaines WMA	05-Jun-10	12-Sep-10	MLL
<i>Polygonia comma</i>	White: Wabash River S of Grayville	17-Mar-10		KEJ
<i>Polygonia comma</i>	Will: Des Plaines WMA	24-Jul-10	19-Sep-10	MLL
<i>Polygonia comma</i>	Lake: Illinois Beach SP	10-Sep-10		MLL
<i>Polygonia interrogationis</i>	Lake: Illinois Beach SP	16-May-10	30-Jul-10	MLL
<i>Polygonia interrogationis</i>	Will: Des Plaines WMA	05-Jun-10	12-Sep-10	MLL
<i>Polygonia interrogationis</i>	Cook: Evanston	30-Jun-10		SJP
<i>Polygonia progne</i>	Will: Des Plaines WMA	05-Jun-10	26-Sep-10	MLL
<i>Junonia coenia</i>	Lake: Illinois Beach SP	05-Jun-10	30-Jul-10	MLL
<i>Junonia coenia</i>	Will: Des Plaines WMA	05-Jun-10	31-Oct-10	MLL

## Moths

### PSYCHIDAE

<i>Thyridopteryx ephemeraeformis case</i>	White: Wabash River S of Grayville	17-Mar-10		KEJ
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### YPONOMEUTIDAE

<i>Atteva pustulella</i>	Cook: Evanston	26-Jun-10		SJP
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### SPHINGIDAE

<i>Sphinx franckii</i>	Massac: Metropolis	12-Jun-10		JKA
<i>Amphion floridensis</i>	Cook: Evanston	25-May-10		SJP

### NOCTUIDAE

<i>Zale lunata</i>	Cook: Chicago	12-Nov-10		SJP
<i>Megalographa biloba</i>	Cook: Evanston	25-Jun-10		SJP
<i>Acronicta morula</i>	Cook: Evanston	01-Jun-10		SJP
<i>Copivaleria grotei</i>	Cook: Evanston	15-Apr-10		SJP
<i>Spodoptera ornithogalli</i>	Cook: Evanston	10-Oct-10		SJP

## INDIANA

### Butterflies

#### HESPERIIDAE

<i>Thorybes bathyllus</i>	Switzerland: Patriot	20-Jul-10		MM
<i>Pholisora catullus</i>	Switzerland: Patriot	15-Jun-10		MM
<i>Erynnis baptisiae</i>	Switzerland: Patriot	11-Apr-10	21-Sep-10	MM
<i>Erynnis horatius</i>	Switzerland: Patriot	19-Jul-10		MM
<i>Pyrgus communis</i>	Switzerland: Patriot	02-Sep-10	10-Oct-10	MM
<i>Nastra lherminier</i>	Switzerland: Patriot	01-Jun-10	09-Sep-10	MM
<i>Atalopedes campestris</i>	Switzerland: Patriot	04-Sep-10	09-Sep-10	MM
<i>Polites origenes</i>	Switzerland: Patriot	28-May-10	06-Sep-10	MM
<i>Wallengrenia egeremet</i>	Switzerland: Patriot	15-Jun-10	23-Jun-10	MM
<i>Pompeius verna</i>	Switzerland: Patriot	02-Jun-10	08-Jun-10	MM
<i>Anatrytone logan</i>	Switzerland: Patriot	23-May-10	01-Sep-10	MM
<i>Poanes zabulon</i>	Switzerland: Patriot	13-May-10	14-Jul-10	MM

#### PAPILIONIDAE

<i>Eurytides marcellus</i>	Switzerland: Patriot	10-Apr-10	28-Aug-10	MM
<i>Battus philenor</i>	Switzerland: Patriot	19-Jun-10	14-Sep-10	MM
<i>Papilio crespontes</i>	Switzerland: Patriot	15-May-10	28-Aug-10	MM
<i>Papilio troilus</i>	Switzerland: Patriot	28-Apr-10	14-Sep-10	MM

#### PIERIDAE

<i>Anthocharis midea</i>	Switzerland: Patriot	11-Apr-10		MM
<i>Phoebis sennae</i>	Switzerland: Patriot	03-Jun-10	21-Sep-10	MM
<i>Pyrisitia lisa</i>	Switzerland: Patriot	20-Jun-10	10-Oct-10	MM
<i>Abaeis nicippe</i>	Switzerland: Patriot	26-Aug-10	10-Oct-10	MM

#### LYCAENIDAE

<i>Satyrrium caryaevorum</i>	Switzerland: Patriot	02-Jun-10	03-Jun-10	MM
<i>Satyrrium liparops</i>	Switzerland: Patriot	31-May-10	01-Jun-10	MM

Calophrys henrici	Switzerland: Patriot	10-Apr-10	12-Apr-10	MM
Strymon melinus	Switzerland: Patriot	01-Jun-10	09-Sep-10	MM
<b>NYMPHALIDAE</b>				
Libytheana carinenta	Switzerland: Patriot	14-May-10	28-Aug-10	MM
Danaus plexippus	Switzerland: Patriot	05-May-10	10-Oct-10	MM
Anaea andria	Ohio: Bennington	31-Mar-10		MM
Euptoieta claudia	Switzerland: Patriot	20-Jul-10	21-Sep-10	MM
Speyeria cybele	Switzerland: Patriot	22-May-10	21-Sep-10	MM
Boloria bellona	Ohio: Bennington	26-Sep-10	27-Sep-10	MM
Asterocampa celtis	Switzerland: Patriot	24-May-10	05-Sep-10	MM
Asterocampa clyton	Switzerland: Patriot	01-Jun-10	06-Sep-10	MM
Vanessa atalanta	Switzerland: Patriot	11-Apr-10	06-Sep-10	MM
Vanessa cardui	Switzerland: Patriot	07-Jun-10	04-Sep-10	MM
Vanessa virginiensis	Switzerland: Patriot	06-May-10	21-Jun-10	MM
Nymphalis antiopa	Switzerland: Patriot	18-Mar-10	15-Apr-10	MM
Polygonia comma	Switzerland: Patriot	18-Mar-10	30-May-10	MM
Polygonia interrogationis	Switzerland: Patriot	06-May-10	09-Sep-10	MM
Junonia coenia	Switzerland: Patriot	15-May-10	11-Nov-10	MM
Apparently produced a second brood, several fresh individuals				
Chlosyne nycteis	Switzerland: Patriot	13-May-10	14-Jul-10	MM
<b>Moths</b>				
<b>PSYCHIDAE</b>				
Solenobia walshella case	Clark: Deam Lake	15-Mar-10		KEJ
Solenobia walshella case	Crawford: Little Blue River	17-Mar-10		KEJ
Thyridopteryx ephemeraeformis case	Spencer: NE of Dale	17-Mar-10		KEJ
<b>GELECHIIDAE</b>				
Dichomeris ligulella	Crawford: Little Blue River	17-Mar-10		KEJ
<b>PYRALIDAE</b>				
Tosale oviplagalis	Switzerland: Patriot	31-May-10		MM
<b>TORTRICIDAE</b>				
Chimoptesis pennsylvaniana	Perry: Indian Lake	16-Mar-10		KEJ
Acleris chalybeana	Perry: Indian Lake	16-Mar-10		KEJ
Acleris subnivana	Perry: Indian Lake	16-Mar-10		KEJ
<b>GEOMETRIDAE</b>				
Phigalia denticulata	Clark: Deam Lake	15-Mar-10		KEJ
Phigalia strigataria	Clark: Deam Lake	15-Mar-10		KEJ
Phigalia strigataria	Perry: Indian Lake	16-Mar-10		KEJ
Phigalia strigataria	Spencer: NE of Dale	17-Mar-10		KEJ
<b>SATURNIIDAE</b>				
Dryocampa rubicunda	Switzerland: Patriot	01-Jun-10		MM
Actias luna	Switzerland: Patriot	14-Apr-10		MM
<b>SPHINGIDAE</b>				
Deidamia inscriptum	Switzerland: Patriot	04-Apr-10		MM
<b>ARCTIIDAE</b>				
Cisthene plumbea	Switzerland: Patriot	02-Jun-10		MM
Grammia anna	Switzerland: Patriot	31-May-10		MM
Lophocampa caryae	Switzerland: Patriot	12-May-10		MM
<b>NOCTUIDAE</b>				
Isogona tenuis	Switzerland: Patriot	15-Apr-10		MM
Zale galbanata	Switzerland: Patriot	13-Apr-10		MM
Zale unilineata	Switzerland: Patriot	07-Apr-10		MM
Psaphida electilis	Switzerland: Patriot	25-Mar-10		MM
Psaphida grandis	Clark: Deam Lake	15-Mar-10		KEJ
Psaphida grandis	Perry: Indian Lake	16-Mar-10		KEJ
Psaphida rolandi	Perry: Indian Lake	16-Mar-10		KEJ
Feralia major	Clark: Deam Lake	15-Mar-10		KEJ
Lithophane antennata	Perry: Indian Lake	16-Mar-10		KEJ
Pyreferra pettiti	Perry: Indian Lake	16-Mar-10		KEJ
Eupsilia sidus	Perry: Indian Lake	16-Mar-10		KEJ
Eupsilia tristigmata	Clark: Deam Lake	15-Mar-10		KEJ
Eupsilia vinulenta	Clark: Deam Lake	15-Mar-10		KEJ
Eupsilia vinulenta	Perry: Indian Lake	16-Mar-10		KEJ
Sericaglaea signata	Perry: Indian Lake	16-Mar-10		KEJ

**IOWA**

Jantscher reported a better than average year for most species. Spring was mild but mid-summer was drier than average, although it never got extremely hot. The temperatures tapered very slowly late into the season, and a handful of species were recorded into October. Speyeria cybele and Eurema lisa had especially successful years, as did Libytheana carinenta and Junonia coenia. Also, Battus philenor and Abaeis nicippe had good years in SE Iowa where they are not regularly encountered. The most notable records of strays and migrants were two occurrences of Parrhasius m-album, and about two dozen Xylophanes tersa over the course of a month in Linn County.

**Butterflies****HESPERIIDAE**

Erynnis baptisiae	Pottawattamie: Hitchcock Nature Area	03-Jul-10		FO
Erynnis brizo	Allamakee: Yellow River Forest	29-Apr-10		FO
Erynnis horatius	Fremont: Waubonsie State Park	02-Jul-10		FO
Erynnis horatius	Lee: Shimek State Forest, Donnellson Unit	10-Jul-10	15-Aug-10	TJ
Erynnis juvenalis	Allamakee: Yellow River Forest	29-Apr-10		FO
Erynnis lucilius	Allamakee: Mt. Hosmer, Lansing	29-Apr-10		FO
Hylephila phyleus	Linn: Wickiup Hill Outdoor Learning Center	31-Jul-10	16-Oct-10	TJ
Atalopedes campestris	Butler: Clay Prairie	12-Aug-10	05-Sep-10	FO
Polites mystic	Pocahontas: Kalsow Prairie	19-Jun-10		FO
Polites peckius	Marshall: Marietta Sand Prairie State Preserve	23-May-10	09-Oct-10	TJ
Wallengrenia egeremet	LEE: Shimek State Forest, Donnellson Unit	10-Jul-10		TJ
Wallengrenia egeremet	Linn: Rock Island Preserve	17-Jul-10	18-Aug-10	FO
Poanes zabulon	Lee: Shimek State Forest, Donnellson Unit	15-Aug-10		TJ
Euphyes bimacula	Iowa: Indiangrass Hills	16-Jun-10		FO
Euphyes conspicua	Linn: Rock Island Preserve	29-Jun-10		FO
Euphyes conspicua	Blackhawk: Cedar Hills Sand Prairie	09-Jul-10	21-Jul-10	FO
Euphyes conspicua	Butler: Wolters Prairie	21-Jul-10		FO
Euphyes dion	Johnson: Williams Prairie	13-Jul-10		FO
Euphyes dion	Linn: Wickiup Outdoor Area	28-Aug-10		FO

**PAPILIONIDAE**

Eurytides marcellus	Fremont: Waubonsie State Park	02-Jul-10		FO
Battus philenor	Lee: Shimek State Forest, Croton Unit	10-Jul-10	15-Aug-10	TJ
Battus philenor	Blackhawk: Cedar Hills Sand Prairie	23-Aug-10		FO
Battus philenor	Linn: Indian Creek Nature Center	29-Aug-10		TJ

**PIERIDAE**

Pontia protodice	Lee: Heron Bend Conservation Area	12-Sep-10		TJ
Zerene cesonia also FO	Lee: Heron Bend Conservation Area	15-Aug-10	20-Sep-10	TJ
Phoebis sennae also FO	Lee: Heron Bend Conservation Area	15-Aug-10	20-Sep-10	TJ
Pyrisitia lisa	Iowa: Indiangrass Hills	23-May-10		FO
Pyrisitia lisa	Linn: Wickiup Hill Outdoor Learning Center	26-Jun-10	16-Oct-10	TJ
Abaeis nicippe	Lee: Shimek State Forest, Croton Unit	10-Jul-10	12-Sep-10	TJ
Nathalis iole	Butler: Wolters Prairie	12-Sep-10		FO
Nathalis iole	Linn: Wickiup Hill Outdoor Learning Center	30-Oct-10		TJ

**LYCAENIDAE**

Lycaena dione	LINN: Rock Island Preserve	19-Jun-10	26-Jun-10	TJ
Wickiup Hill Outdoor Learning Center				
Lycaena hylus	Lee: Heron Bend Conservation Area & Turkey Run Access	15-Aug-10	12-Sep-10	TJ
Satyrrium calanus	Linn: Morgan Creek County Park	19-Jun-10		TJ
Strymon melinus	Linn: Morgan Creek Co. Pk.	31-Jul-10	16-Oct-10	TJ
Wickiup Hill Outdoor Learning Center				
Strymon melinus	Butler: Clay Prairie	12-Sep-10		FO
Parrhasius m-album	Linn: Indian Creek Nature Center	27-Aug-10		TJ
worn male and fresh female				
Parrhasius m-album	LEE: Heron Bend Conservation Area	12-Sep-10	20-Sep-10	FO
also TJ, 8 individuals nectaring on boneset				

**NYMPHALIDAE**

Libytheana carinenta	Linn: Morgan Creek County Park & Turkey Run Area	19-Jun-10	08-Aug-10	TJ
Libytheana carinenta	Butler: Wolters Prairie	21-Jul-10		FO
Libytheana carinenta	Johnson: Williams Prairie & Kent Park	27-Jul-10	08-Sep-10	FO
Libytheana carinenta	Iowa: Indiangrass Hills	01-Aug-10		FO
Libytheana carinenta	Van Buren: Shimek Forest Farmington	21-Aug-10		FO
Lethe anthedon	Lee: Shimek Forest Croton U	06-Jun-10		FO
Lethe anthedon	Linn: Rock Island Preserve	03-Aug-10		FO
Lethe anthedon	Johnson: Kent Park	05-Aug-10		FO
Lethe eurydice	Fayette: Nekola-Hamilton Fen	24-Jun-10		FO



Lethe eurydice	Blackhawk: Cedar Hills Sand Prairie	24-Jun-10	09-Jul-10	FO
Speyeria aphrodite	Allamakee: Yellow River Forest	25-Jun-10		FO
Speyeria cybele	Linn: Wickiup Hill Outdoor Learning Center	13-Jun-10	27-Aug-10	TJ
Speyeria idalia	Iowa: Indiangrass Hills	16-Jun-10		FO
Speyeria idalia	Butler: Wolters Prairie	21-Jul-10		FO
Boloria selene	Buchanan: Fairbank Fen	23-Aug-10		FO
Boloria bellona	Iowa: Indiangrass Hills	16-Jun-10		FO
Boloria bellona	Marshall: Marietta Sand Prairie State Preserve	09-Oct-10		TJ
Limnitis archippus	Marshall: Marietta Sand Prairie State Preserve	09-Oct-10		TJ
Nymphalis l-album	Allamakee: Yellow River Forest	25-Jun-10		FO
Junonia coenia	Linn: Wickiup Hill Outdoor Learning Center	26-Jun-10	16-Oct-10	TJ
<b>Moths</b>				
<b>GEOMETRIDAE</b>				
Phigalia strigataria	Story: Ames	24-Mar-10	06-Apr-10	PWM
<b>SATURNIIDAE</b>				
Eacles imperialis	Linn: Commercial property in NE Cedar Rapids	15-Jul-10		TJ
At light				
Actias luna	Linn: Commercial property in SE Cedar Rapids	12-Jul-10		TJ
At MV light				
Callosamia promethea	Linn: Residential property in NE Cedar Rapids	16-Jun-10	17-Jun-10	TJ
10+ males attracted to scented female				
<b>SPHINGIDAE</b>				
Agrius cingulata	LINN: Cedar Rapids, Noelridge Park	28-Sep-10		TJ
Nectaring at petunia				
Manduca quinquemaculatus	Story: Commercial storage building	10-Oct-10		TJ
Manduca sexta	Linn: Rock Island Preserve	01-Aug-10	29-Sep-10	TJ
Cedar Rapids (Noelridge Park) Nectaring at petunia and bouncing bet				
Ceratomia amyntor	Linn: Commercial property in SE Cedar Rapids	09-Jun-10	04-Jul-10	TJ
At MV light				
Ceratomia catalpae	Linn: Commercial property in SE Cedar Rapids	07-Jul-10	18-Jul-10	TJ
At light				
Ceratomia undulosa	Linn: Commercial property in SE Cedar Rapids	09-Jun-10	18-Jul-10	TJ
At MV light				
Sphinx kalmiae	Linn: Rock Island Preserve	23-Jul-10	05-Aug-10	TJ
Nectaring at bouncing bet				
Lintneria eremitus	Linn: Rock Island Preserve	19-Jun-10	11-Aug-10	TJ
Nectaring at bouncing bet, female in UV light trap				
Amorpha juglandis	Linn: Squaw Creek County Park	25-May-10	12-Jun-10	TJ
At MV light				
Hemaris diffinis	Linn: Cedar Valley Nature Trail north of County Home Rd.	09-May-10		TJ
Hemaris thysbe	Lee: Shimek SF, Donnellson Unit & Turkey Run Area	10-Jul-10	12-Sep-10	TJ
Nectaring at bee balm				
Eumorpha pandorus	Linn: Commercial property in SE Cedar Rapids	12-Jul-10	16-Jul-10	TJ
At MV light				
Deidamia inscriptum	Linn: Squaw Creek County Park	20-May-10		TJ
At MV light				
Darapsa myron	Linn: Commercial property in SE Cedar Rapids	19-Jun-10	31-Jul-10	TJ
At MV light				
Xylophanes tersa	Linn: Rock Island Preserve	31-Jul-10	31-Aug-10	TJ
Nectaring at bouncing bet				
Hyles lineata	Linn: Rock Island Preserve	07-Jul-10	10-Oct-10	TJ
Cedar Rapids (Noelridge Park) Nectaring at petunia and bouncing bet				
<b>NOCTUIDAE</b>				
Zale lunata	Linn: Wickiup Hill Outdoor Learning Center	16-Oct-10		TJ
Resting beneath eave of building				
Catocala insolabilis	Linn: Commercial property in NE Cedar Rapids	16-Jul-10		TJ
At light				
Marathyssa basalis	Story: Ames	30-Apr-10		PWM
Diachrysia balluca	Linn: Commercial property in SE Cedar Rapids	10-Jun-10		TJ
At MV light				
Psaphida electilis	Story: Ames	12-Apr-10		PWM
Psaphida resumens	Story: Ames	06-Apr-10		PWM
Crocigrapha normani	Story: Ames	08-Apr-10	16-Apr-10	PWM
Trichordestra legitima	Story: Ames	12-Aug-10		PWM

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**KENTUCKY**

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**Butterflies****HESPERIIDAE**

<i>Erynnis funeralis</i>	Fulton: Rt 94, 2 miles east of Cayce	12-Sep-10	LDG
Specimen given to Charles V. Covell Jr.			
<i>Erynnis funeralis</i>	MENIFEE: Joe Harmon Rd. near Frenchburg	15-Sep-10	LDG
Photographed by Rita Adkins			
<i>Anatrytone logan</i>	FLEMING: Wolf Run Rd. SE of Wallingford	01-Aug-10	LDG

**LYCAENIDAE**

<i>Satyrrium caryaevorum</i>	JEFFERSON: 2609 Welsford Way, Louisville	21-Jun-10	RAH
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**NYMPHALIDAE**

<i>Phyciodes phaon</i>	FULTON: West side of Lake # 9	19-Aug-10	LDG
STATE RECORD Collected by Mark Monroe. Additional specimens collected by other KY Lepidopterists as late as 12 Sep 2010			

**Moths****CRAMBIDAE**

<i>Colomychus talis</i>	Ballard: Ballard WMA	10-Jun-10	LDG
<i>Colomychus talis</i>	CARLISLE: Sandy Branch, 1.7 mi. south of Laketon	29-Jun-10	LDG
<i>Compacta capitalis</i>	BALLARD: Ballard WMA	10-Jun-10	LDG
Two in black light trap.			
<i>Helvibotys pucilla</i>	CARLISLE: Mississippi River bank west of Berkley	24-Aug-10	LDG
STATE RECORD, 2 males 1 female in light trap			
<i>Hileithia rehamalis</i>	NELSON: Bernheim Forest	14-Aug-10	LDG
<i>Lineodes integra</i>	FULTON: North side of Elbow Slough west of levee	24-Aug-10	LDG
Four in light trap			
<i>Metrea ostreonalis</i>	NELSON: Bernheim Forest	14-Aug-10	LDG
<i>Mimoschinia rufofascialis</i>	ROWAN: Daniel Boone N.F.	16-Aug-10	AS1
STATE RECORD			
<i>Munroessa icciusalis</i>	BALLARD: Ballard WMA	11-Sep-10	LDG
One in light trap			
<i>Phlyctaenia coronata</i>	CARLISLE: Mississippi River bank west of Berkley	29-Jun-10	LDG
Common			
<i>Phlyctaenia coronata</i>	NELSON: Bernheim Forest	14-Aug-10	LDG

**PYRALIDAE**

<i>Aphomia sociella</i>	JEFFERSON: Thurman Rd., Louisville	31-Jul-10	LDG
STATE RECORD, Photographs by Eddie Huber on several dates throughout spring and summer			

**TORTRICIDAE**

<i>Pelochrista zomonana</i>	NELSON: Bernheim Forest	14-Aug-10	LDG
<i>Epiblema glenni</i>	NELSON: Bernheim Forest	14-Aug-10	LDG
<i>Notocelia culminana</i>	BATH: Daniel Boone N.F.	20-Aug-10	AS1
<i>Sparganothis tristriata</i>	NELSON: Bernheim Forest	14-Aug-10	LDG

**GEOMETRIDAE**

<i>Apodrepanulatrix liberaria</i>	ROWAN: Daniel Boone N.F.	14-Sep-10	AS1
<i>Euacidalia sericearia</i>	FULTON: Mississippi River bank near Elbow Slough	24-Aug-10	LDG
Det. James Adams			

**SPHINGIDAE**

<i>Dolba hyloeus</i>	NELSON: Bernheim Forest	14-Aug-10	LDG
Specimen given to Kentucky State Nature Preserves Commission			
<i>Eumorpha achemon</i>	FULTON: Miss. River bank adjacent to S. end of ls. # 8	24-Aug-10	LDG

**ARCTIIDAE**

<i>Spilosoma latipennis</i>	BATH: Daniel Boone N.F.	20-Jun-10	AS1
<i>Leucanopsis longa</i>	NELSON: Bernheim Forest	14-Aug-10	LDG

**NOCTUIDAE**

<i>Zale aeruginosa</i>	JACKSON: Wind Cave-Daniel Boone N.F.	16-Apr-10	AS1
Det. James Adams			
<i>Zale duplicata</i>	BATH: Daniel Boone N.F.	06-Apr-10	AS1
Det. James Adams			
<i>Zale metatoides</i>	ROWAN: Cliff top on Rt-519	23-Mar-07	AS1
Det. James Adams			
<i>Zale phaeocapna</i>	ROWAN: Daniel Boone N.F.	02-Apr-09	AS1
Det. James Adams			
<i>Catocala blandula</i>	ROWAN: Daniel Boone N.F.	16-Jun-10	AS1
det: L.F.Gall			
<i>Catocala blandula</i>	BATH: Daniel Boone N.F.	05-Jul-10	AS1
det: L.F.Gall			

Catocala maestosa Det. James Adams	ROWAN: Morehed	31-Aug-09	AS1
Tripudia flavofasciata STATE RECORD, Fairly common in light traps	FULTON: Mississippi River bank near Elbow Slough	24-Aug-10	LDG
Xanthopastis timais William R. Black Jr. Two in light traps. First adults from Ballard Co. Larvae found previously by Gerald Burnett	Ballard: Ballard WMA	10-Jun-10	LDG

## MICHIGAN

Nielsen and Herig had another good season with Papaipema, though some species were down from last year. Ferge spent most of the season in Keweenaw County. The 2010 season there began very early, with the first adult hibernating Noctuids out on 18 March. Summer was dry, with unusually hot weather in August. Cool conditions ended the season by mid-October. Resident butterfly species continue to occur in low numbers. Moth populations were good during the first half of the season, but by August both butterflies and moths were down. The exception to this was Phyciodes cocyta, which put out a strong second brood in August. Vanessa atalanta and V. virginianensis were abundant on lilacs in late May. Junonia coenia was found in several localities, and apparently established a breeding population at Point Isabelle Bog. Notable strays found were Pyrgus communis and Pontia protodice.

## Butterflies

### HESPERIIDAE

Pyrgus communis one individual	Keweenaw: Central	09-Aug-10	LAF
Hylephila phyleus	Delta: Brampton	10-Oct-10	KEJ
Hesperia leonardus also DRB	Luce: Wanamaker Lake Peatlands	13-Aug-10	KEJ
Hesperia leonardus	MENOMINEE: Fox Park	23-Aug-10	KEJ
Hesperia sassacus	Keweenaw: Eagle River (Crestview Clearing)	21-Jun-10	LAF

### PIERIDAE

Pontia protodice	Keweenaw: Cliff Drive Sedge Meadow	19-Aug-10	LAF
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### LYCAENIDAE

Feniseca tarquinius	Delta: Brampton	01-Jul-10	KEJ
Feniseca tarquinius	KEWEENAW: Eagle River (Crestview Trail)	08-Aug-10	LAF
Feniseca tarquinius	Keweenaw: Mohawk-Gay Rd. at Traverse River	08-Aug-10	LAF
Lycaena dorcas vast ribbed fen	Schoolcraft: Creighton Marsh	07-Jul-10	KEJ
Lycaena dorcas	Marquette: Sagola Swamp North	09-Jul-10	KEJ
Lycaena dorcas	Baraga: Gristmill Creek Bog	09-Jul-10	KEJ
Lycaena dorcas first record from Keweenaw Peninsula	Houghton: Sawmill Creek Bog	12-Jul-10	KEJ
Lycaena epixanthe michiganensis vast ribbed fen	Schoolcraft: Creighton Marsh	07-Jul-10	KEJ
Lycaena epixanthe michiganensis	Houghton: Sawmill Creek Bog & Osceola Ribbed Fen	12-Jul-10	KEJ
Lycaena epixanthe michiganensis unusually late record for advanced season	Luce: Wanamaker Lake Peatlands	13-Aug-10	KEJ
Lycaena helloides	Keweenaw: Mohawk-Gay Rd at Traverse Rv & .2 mi NW of Gay	07-Jun-10	27-Aug-10 LAF
Callophrys eryphon	Keweenaw: Point Isabelle Bog	19-May-10	LAF
Callophrys eryphon nectaring on plum	Keweenaw: Brockway Mountain Drive	24-May-10	RK
Callophrys niphon clarki	Keweenaw: Deer Lake Road	19-May-10	LAF
Cupido amyntula	KEWEENAW: Brockway Mountain Drive	18-May-10	LAF
Cupido amyntula	Keweenaw: 0.8 mi. E of Hwy 41 end	24-May-10	LAF
Celastrina neglecta	KEWEENAW: Mohawk-Gay Rd. E of Camp Creek	19-Aug-10	LAF
Glaucopsyche lygdamus couperi	Keweenaw: Brockway Mountain Drive	18-May-10	LAF
Glaucopsyche lygdamus couperi	Keweenaw: E of Lake Manganese	27-May-10	LAF

### NYMPHALIDAE

Danaus plexippus at Lilac flowers	Keweenaw: E of Lake Manganese	24-May-10	LAF
Erebia discoidalis early record	Iron: Hope Lake Bog	28-Apr-10	KEJ
Boloria freija early record	Iron: Balsam & Hope Lake Bogs	28-Apr-10	KEJ
Boloria freija	Dickinson: Channing & White Pine Bogs	28-Apr-10	KEJ
Polygonia interrogationis	KEWEENAW: Point Isabelle Bog	25-May-10	LAF
Polygonia interrogationis nectaring at Lilac flowers	Keweenaw: Lac La Belle	27-May-10	LAF
Polygonia progne	KEWEENAW: Eagle River (Crestview Trail)	21-Jun-10	LAF
Polygonia progne at rotting apples	Keweenaw: Mohawk-Gay Rd. E of Camp Creek	27-Aug-10	LAF
Polygonia satyrus	Baraga: Clear Creek Road Bog	09-Jul-10	KEJ
Junonia coenia	Keweenaw: Point Isabelle Bog	08-Jul-10	27-Aug-10 LAF
Junonia coenia	Menominee: Fox Park	23-Aug-10	KEJ

Chlosyne harrisii	Keweenaw: Cliff Drive Sedge Meadow	18-Jun-10		LAF
<b>Moths</b>				
<b>TINEIDAE</b>				
Monopis monachella	Keweenaw: Lac La Belle Peatlands & Point Isabelle Bog	18-Aug-10		KEJ
<b>PSYCHIDAE</b>				
Psyche casta case	Monroe: Dundee	15-Jan-10		KEJ
Psyche casta case	Cass: Kirk Lake	11-Mar-10		KEJ
Thyridopteryx ephemeriformis case	Monroe: Dundee	17-Jan-10		KEJ
<b>BUCCULATRICIDAE</b>				
Bucculatrix angustata	DELTA: Rapid River Barrens	02-Jul-10		KEJ
<b>GRACILLARIIDAE</b>				
Caloptilia negundella	Shiawassee: Rose Lake WRA	14-Jan-10		KEJ
Caloptilia ostryaeella	Shiawassee: Rose Lake WRA	14-Jan-10		KEJ
Caloptilia ostryaeella	Clinton: Rose Lake WRA	14-Jan-10		KEJ
Caloptilia umbratella	DELTA: Ensign	04-Jan-10		KEJ
Caloptilia umbratella	Clinton: Rose Lake WRA	14-Jan-10		KEJ
Phyllonorycter robiniella	Cass: Kirk Lake	11-Mar-10		KEJ
<b>OECOPHORIDAE</b>				
Epicallima argenticinctella	KEWEENAW: Eagle River	09-Jul-10		KEJ
Polix coloradella	Keweenaw: Eagle River	09-Jul-10		KEJ
Semioscopis aurorella	KALAMAZOO: Portage	12-Mar-10		KEJ
Semioscopis inornata	DELTA: Brampton	23-Apr-10		KEJ
<b>GELECHIIDAE</b>				
Gnorimoschema gallaesolidaginis	LUCE: Wanamaker L.& Tahquamenon River Peatlands	13-Aug-10		KEJ
Gnorimoschema gallaesolidaginis	MARQUETTE: McFarland Bog	20-Aug-10		KEJ
Chionodes discoocellella	LUCE: Tahquamenon River Peatlands	13-Aug-10		KEJ
Chionodes thoraceochrella	Keweenaw: Brockway Mountain	18-Aug-10		KEJ
Trichotaphe flavocostella	MARQUETTE: McFarland Bog	04-Jul-10		KEJ
<b>COLEOPHORIDAE</b>				
Coleophora trifolii	Delta: Brampton	01-Jul-10		KEJ
<b>COSMOPTERIGIDAE</b>				
Limnaecia phragmitella	MARQUETTE: McFarland Bog	04-Jul-10		KEJ
Limnaecia phragmitella	Keweenaw: Eagle River & Lac La Belle Peatlands	09-Jul-10	10-Jul-10	KEJ
Limnaecia phragmitella	Luce: Wanamaker Lake & Tahquamenon River Peatlands	13-Aug-10		KEJ
<b>GLYPHIPTERIGIDAE</b>				
Glyphipterix haworthana very early record	Dickinson: Channing Bog	28-Apr-10		KEJ
<b>PLUTELLIDAE</b>				
Ypsolopha canariella	Luce: Tahquamenon River Peatlands	13-Aug-10		KEJ
Ypsolopha falciferella	Clinton: Rose Lake WRA	14-Jan-10		KEJ
<b>YPONOMEUTIDAE</b>				
Atteva pustulella	Marquette: McFarland Bog	04-Jul-10		KEJ
Atteva pustulella	Luce: Wanamaker Lake & Tahquamenon River Peatlands	12-Aug-10	13-Aug-10	KEJ
Zelleria haimbachi	Luce: Wanamaker Lake Peatlands	12-Aug-10		KEJ
<b>ARGYRESTHIIDAE</b>				
Argyresthia oreasella	DELTA: Brampton	01-Jul-10		KEJ
<b>CRAMBIDAE</b>				
Crambus abellus	Marquette: McFarland Bog	04-Jul-10	20-Aug-10	KEJ
Crambus bidens	Alger: Sixteenmile Lake Peatlands	14-Aug-10		KEJ
Crambus hamellus	Luce: Wanamaker Lake Peatlands	12-Aug-10		KEJ
Crambus leachellus	Keweenaw: Brockway Mountain	18-Aug-10		KEJ
Crambus unistriatellus	Marquette: McFarland Bog	04-Jul-10		KEJ
Dicymolomia julianalis	Luce: Tahquamenon River Peatlands	13-Aug-10		KEJ
Loxostege sticticalis	Luce: Tahquamenon River Peatlands	13-Aug-10		KEJ
Microcrambus elegans	Luce: Wanamaker Lake Peatlands	12-Aug-10		KEJ
Munroessa gyralis	Marquette: McFarland Bog	04-Jul-10	20-Aug-10	KEJ
Munroessa gyralis	Luce: Tahquamenon River Peatlands	13-Aug-10		KEJ
Munroessa icciusalis	Marquette: McFarland Bog	04-Jul-10	20-Aug-10	KEJ
Munroessa icciusalis	Keweenaw: Lac La Belle Peatlands & Point Isabelle Bog	10-Jul-10	18-Aug-10	KEJ
Nymphula ekthlipsis	Keweenaw: Point Isabelle Bog	10-Jul-10		KEJ
Nymphula ekthlipsis	Marquette: McFarland Bog	20-Aug-10		KEJ
Palpita magniferalis	Menominee: Cedar River	29-Apr-10		KEJ

Parapoynx allionealis	Luce: Wanamaker Lake & Tahquamenon River Peatlands	12-Aug-10	13-Aug-10	KEJ
Parapoynx allionealis	Marquette: McFarland Bog	20-Aug-10		KEJ
Parapoynx badiusalis	Alger: Sixteenmile Lake Peatlands	06-Jul-10	14-Aug-10	KEJ
Parapoynx maculalis	Luce: Wanamaker Lake & Tahquamenon River Peatlands	13-Aug-10		KEJ
Parapoynx maculalis	Alger: Sixteenmile Lake Peatlands	14-Aug-10		KEJ
Parapoynx obscuralis	Luce: Wanamaker Lake & Tahquamenon River Peatlands	13-Aug-10		KEJ
Pyrausta signatalis	Marquette: McFarland Bog	20-Aug-10		KEJ
Raphiptera argillaceella	Luce: Wanamaker Lake Peatlands	12-Aug-10		KEJ
Scoparia biplagiatis	Delta: Brampton	01-Jul-10	22-Aug-10	KEJ
Scoparia biplagiatis	Keweenaw: Brockway Mountain	18-Aug-10		KEJ
Synclita oblitalis	Luce: Wanamaker Lake & Tahquamenon River Peatlands	13-Aug-10		KEJ
Vaxi auratella	Alger: Sixteenmile Lake Peatlands	06-Jul-10		KEJ
<b>PYRALIDAE</b>				
Acrobasis tricolorella	Delta: Brampton & Rapid River Barrens	01-Jul-10	02-Jul-10	KEJ
Salebriaria engeli	Delta: Rapid River Barrens	02-Jul-10		KEJ
Dolichomia thymetusalis	Delta: Brampton	01-Jul-10		KEJ
Eulogia ochrifrontella	Delta: Brampton & Rapid River Barrens	01-Jul-10	02-Jul-10	KEJ
Eulogia ochrifrontella	Marquette: McFarland Bog	04-Jul-10		KEJ
Moodna ostrinella	Delta: Rapid River Barrens	02-Jul-10		KEJ
Anerastia lotella	Delta: Rapid River Barrens	02-Jul-10		KEJ
Anerastia lotella	Marquette: McFarland Bog	04-Jul-10		KEJ
<b>SESIIDAE</b>				
Paranthrene dollii	Clinton: Dewitt Twp. Sec. 36	05-Jun-10	21-Jun-10	WTJ
EZOH/ZZOH 50:50 lure				
Paranthrene tabaniformis	Clinton: Dewitt Twp. Sec. 22	09-Jun-10		WTJ
Albuna fraxini	Clinton: Olive Twp. Sec. 28	16-Jul-10	28-Jul-10	WTJ
ZZOH lure				
Sesia spartani	Clinton: Olive Twp. Sec. 28	08-Jun-10	11-Jun-10	WTJ
EZOH/ZZOH 50:50 lure				
Synanthedon acerrubri	Alpena: Downtown Alpena	10-Jun-10		WTJ
Graperoor borer Lure				
Synanthedon helenis	DICKINSON: along US-2 at Norway	20-Jun-10		WTJ
STATE RECORD - based upon DNA				
Synanthedon viburni	Clinton: Dewitt Twp. Sec. 22	06-Jul-10	28-Jul-10	WTJ
Viburnum borer Lure				
<b>CHOREUTIDAE</b>				
Choreutis diana	DELTA: Brampton	25-Apr-10		KEJ
<b>TORTRICIDAE</b>				
Apotomis funerea	Luce: Tahquamenon River Peatlands	13-Aug-10		KEJ
Apotomis funerea	Marquette: McFarland Bog	20-Aug-10		KEJ
Pseudexentera kalmiana	Dickinson: Channing & White Pine Bogs	28-Apr-10		KEJ
very early record				
Pseudexentera kalmiana	Chippewa: Trout Lake Peatlands	29-Apr-10		KEJ
Pseudexentera kalmiana	GOGEBIC: Ox Yoke Lake Bog	04-May-10		KEJ
Epinotia septemberana	Luce: Wanamaker Lake & Tahquamenon River Peatlands	12-Aug-10	13-Aug-10	KEJ
Epinotia septemberana	Keweenaw: Lac La Belle Peatlands & Point Isabelle Bog	18-Aug-10		KEJ
Epinotia septemberana	MARQUETTE: McFarland Bog	20-Aug-10		KEJ
Croesia curvalana	MARQUETTE: McFarland Bog	04-Jul-10		KEJ
Acleris bowmanana	Kalamazoo: Gourdneck SGA	12-Mar-10		KEJ
Acleris celiana	DELTA: Brampton & Rapid River Barrens	09-Oct-10		KEJ
Acleris cornana	Kalamazoo: Gourdneck SGA	12-Mar-10		KEJ
Acleris cornana	Cass: Forked Lake	14-Mar-10		KEJ
Acleris maccana	DELTA: Brampton	09-Oct-10		KEJ
Acleris maculidorsana	Chippewa: Trout Lake Peatlands	29-Apr-10		KEJ
Acleris maculidorsana	Luce: Tahquamenon River Peatlands	13-Aug-10		KEJ
Acleris maculidorsana	DELTA: Rapid River Barrens	09-Oct-10		KEJ
Acleris minuta	MARQUETTE: McFarland Bog	04-Jul-10		KEJ
Acleris nigrolinea	DELTA: Brampton	23-Apr-10		KEJ
Acleris oxycoccana	KALAMAZOO: The Moors Moor	11-Mar-10		KEJ
Acleris oxycoccana	Dickinson: Channing & White Pine Bogs	28-Apr-10		KEJ
Acleris oxycoccana	Chippewa: Trout Lake Peatlands	29-Apr-10		KEJ
Acleris oxycoccana	Gogebic: Ox Yoke Lake Bog	04-May-10		KEJ
Acleris oxycoccana	SCHOOLCRAFT: Seney Bog	27-Sep-10		KEJ
Acleris subnivana	Cass: Forked Lake	14-Mar-10		KEJ
Argyrotaenia quercifoliana	DELTA: Rapid River Barrens	02-Jul-10		KEJ
Archips alberta	Luce: Wanamaker Lake & Tahquamenon River Peatlands	12-Aug-10	13-Aug-10	KEJ
Archips alberta	Keweenaw: Point Isabelle Bog	18-Aug-10		KEJ

Archips alberta	MARQUETTE: McFarland Bog	20-Aug-10		KEJ
Archips striana	MARQUETTE: McFarland Bog	04-Jul-10		KEJ
Ptycholoma peritana	DELTA: Rapid River Barrens	02-Jul-10		KEJ
Ptycholoma peritana	ALGER: Sixteenmile Lake Peatlands	06-Jul-10		KEJ
<b>GEOMETRIDAE</b>				
Archiearis infans	Otsego: E of Otsego Lake	01-Apr-10		DWB
Leucobrephephos brephoides	Otsego: E of Otsego Lake	01-Apr-10		DWB
Digrammia continuata	Oakland: Oxford	23-Jul-10	02-Aug-10	DWB
Hesperumia sulphuraria bait trap	Chippewa: Paradise	06-Aug-10	11-Aug-10	DWB
Glena cribrataria	Oakland: Oxford	22-Jun-09		DWB
Apodrepanulatrix liberaria several individuals	Oakland: Oxford	02-Sep-09	12-Sep-09	DWB
Apodrepanulatrix liberaria	Monroe: Petersberg SGA	23-Sep-10		DWB
Anticlea vasilata	Menominee: Cedar River	29-Apr-10		KEJ
<b>SPHINGIDAE</b>				
Sphinx chersis	Ogemaw: Mile 210 Rest Area along I 75 North	18-Aug-09		DWB
Hemaris gracilis nectaring on Bog Laurel flowers	KEWEENAW: Point Isabelle Bog	07-Jun-10		LAF
Amphion floridensis nectaring at Lilac flowers	KEWEENAW: Lac La Belle & E of Lake Manganese	27-May-10		LAF
Darapsa choerilus	KEWEENAW: Point Isabelle Bog	10-Jul-10		LAF
<b>NOTODONTIDAE</b>				
Schizura apicalis	Delta: Rapid River Barrens	02-Jul-10		KEJ
<b>ARCTIIDAE</b>				
Holomelina lamae	Marquette: McFarland Bog	04-Jul-10		KEJ
Holomelina lamae not found farther north into Keweenaw peninsula	BARAGA: Gristmill Creek Bog	09-Jul-10		KEJ
Grammia speciosa	KEWEENAW: Point Isabelle Bog	10-Jul-10		LAF
Grammia williamsii	Keweenaw: Point Isabelle Bog	10-Jul-10		LAF
<b>NOCTUIDAE</b>				
Metalectra quadrisignata	Marquette: McFarland Bog	04-Jul-10		KEJ
Catocala badia	Luce: Tahquamenon River Peatlands	13-Aug-10		KEJ
Catocala badia	Keweenaw: Lac La Belle Peatlands	18-Aug-10		KEJ
Catocala coccinata	Oakland: Oxford	30-Jul-10		DWB
Catocala gryneus	Alger: Sixteenmile Lake Peatlands	14-Aug-10		KEJ
Chrysanympha formosa	Luce: Wanamaker Lake Peatlands	02-Jul-10		DWB
Chrysanympha formosa	Chippewa: Trout Lake	03-Jul-10		DWB
Chrysanympha formosa	Alger: Sixteenmile Lake	07-Jul-10		KEJ
Exyra fax bizarre late record considering advanced season; caught in UV trap along with Papaipema appassianata	MARQUETTE: McFarland Bog	20-Aug-10		KEJ
Megalographa biloba	Chippewa: Trout Lake	03-Jul-10		DWB
Autographa mappa	Luce: Wanamaker Lake Peatlands	02-Jul-10		DWB
Autographa mappa	Chippewa: Trout Lake	03-Jul-10		DWB
Autographa mappa	Marquette: McFarland Bog	04-Jul-10		KEJ
Syngrapha epigaea	Delta: Rapid River Barrens	02-Jul-10		KEJ
Syngrapha epigaea	Marquette: McFarland Bog	20-Aug-10		KEJ
Syngrapha microgamma nearctica	Keweenaw: Point Isabelle Bog	10-Jun-10		LAF
Syngrapha selecta	Chippewa: Trout Lake	03-Jul-10		DWB
Syngrapha viridisigma	Marquette: McFarland Bog	04-Jul-10		KEJ
Plusia magnimacula	Chippewa: Trout Lake	03-Jul-10		DWB
Plusia magnimacula also KEJ	Luce: Wanamaker Lake Peatlands	07-Aug-10	13-Aug-10	DWB
Psychomorpha epimenis	Oakland: Kern RD in Lake Orion	23-Apr-10		DWB
Sympistis riparia	DELTA: Rapid River Barrens	02-Jul-10		KEJ
Feralia jocosa	MENOMINEE: Cedar River	29-Apr-10		KEJ
Heliothis borealis	Chippewa: Trout Lake Peatlands	29-Apr-10		KEJ
Schinia arcigera	Marquette: McFarland Bog	20-Aug-10		KEJ
Schinia florida	Keweenaw: Great Sand Bay	11-Jul-10		KEJ
Conservula anodonta	Delta: Brampton	01-Jul-10		KEJ
Conservula anodonta	Luce: Wanamaker Lake Peatlands	02-Jul-10		DWB
Chytonix sensilis	Chippewa: Trout Lake	03-Jul-10		DWB
Chytonix sensilis	Oakland: N of Scripps RD	17-Jul-10		DWB
Fagitana littera	Oakland: Oxford	20-Jun-09		DWB
Magusa orbifera	Keweenaw: Great Sand Bay (dunes)	27-Sep-10		LAF
Apamea cogitata	Marquette: McFarland Bog	04-Jul-10		KEJ
Rhizedra lutosa	Monroe: Petersberg SGA	16-Sep-10	09-Oct-10	DWB

<i>Oligia bridghami</i> also KEJ	Luce: Wanamaker Lake Peatlands	07-Aug-10	13-Aug-10	DWB
<i>Oligia minuscula</i> 7/6 record is extremely early	Alger: Sixteenmile Lake Peatlands	06-Jul-10	16-Aug-10	KEJ
<i>Oligia minuscula</i> also DRB	Luce: Wanamaker Lake & Tahquamenon River Peatlands	12-Aug-10	13-Aug-10	KEJ
<i>Meropleon ambifuscum</i>	Oakland: Paint Creek Trail N of Silverbell RD	24-Aug-10	30-Aug-10	DWB
<i>Meropleon ambifuscum</i>	Monroe: Petersberg SGA	16-Sep-10	06-Oct-10	DWB
<i>Meropleon diversicolor</i>	Luce: Wanamaker Lake Peatlands	13-Aug-10		DWB
<i>Lemmeria digitalis</i>	KEWEENAW: Cliff Drive Sedge Meadow	20-Sep-10		LAF
<i>Lemmeria digitalis</i>	Otsego: Otsego Lake	22-Sep-10		ETH
<i>Papaipema appassionata</i> also KEJ	Luce: Wanamaker Lake & Tahquamenon River Peatlands	12-Aug-10	28-Aug-10	DWB
<i>Papaipema appassionata</i>	ALGER: Sixteenmile Lake Peatlands	16-Aug-10		KEJ
<i>Papaipema appassionata</i>	KEWEENAW: Point Isabelle Bog	18-Aug-10		LAF
<i>Papaipema appassionata</i>	KEWEENAW: Lac La Belle Peatlands	18-Aug-10		KEJ
<i>Papaipema appassionata</i>	MARQUETTE: McFarland Bog	20-Aug-10		KEJ
<i>Papaipema beeriana</i>	Otsego: Lovells Rd. Barrens	28-Aug-10		DWB
<i>Papaipema beeriana</i>	Otsego: Otsego Lake	12-Sep-10	13-Sep-10	MCN
<i>Papaipema beeriana</i>	Monroe: Petersberg SGA	15-Sep-10	09-Oct-10	DWB
<i>Papaipema birdi</i>	Clinton: St. Johns	29-Aug-10		ETH
<i>Papaipema birdi</i>	Monroe: Petersberg SGA	15-Sep-10	06-Oct-10	DWB
<i>Papaipema cerina</i>	Monroe: Petersberg SGA	15-Sep-10	06-Oct-10	DWB
<i>Papaipema cerussata</i>	Berrien: Niles	29-Sep-10		ETH
<i>Papaipema cerussata</i>	Monroe: Petersberg SGA	29-Sep-10	09-Oct-10	DWB
<i>Papaipema eupatorii</i>	Keweenaw: Cliff Drive Sedge Meadow	20-Sep-10		LAF
<i>Papaipema eupatorii</i>	Monroe: Petersberg SGA	25-Sep-10	14-Oct-10	DWB
<i>Papaipema furcata</i>	Lapeer: 7 Ponds Nature Center	31-Aug-10		DWB
<i>Papaipema inquaesita</i>	Cass: Dowagiac	08-Oct-10		ETH
<i>Papaipema maritima</i>	Oakland: Paint Creek Trail N of Silverbell RD	05-Sep-08		DWB
<i>Papaipema maritima</i>	Monroe: Petersberg SGA	23-Sep-10	09-Oct-10	DWB
<i>Papaipema necopina</i>	Monroe: Petersberg SGA	23-Sep-10	09-Oct-10	DWB
<i>Papaipema nelita</i>	Clinton: St. Johns	04-Aug-10		ETH
<i>Papaipema nepheleptena</i>	KEWEENAW: 2 mi. ENE of Phoenix (Lost Highway)	20-Sep-10		LAF
<i>Papaipema nepheleptena</i>	Monroe: Petersberg SGA	30-Sep-10	09-Oct-10	DWB
<i>Papaipema rigida</i>	Oakland: Paint Creek Trail N of Silverbell RD	30-Aug-10		DWB
<i>Papaipema sciata</i>	Monroe: Petersberg SGA	23-Sep-10	14-Oct-10	DWB
<i>Papaipema silphii</i>	Lenawee: Cambridge Junction	06-Sep-10		MCN
<i>Papaipema silphii</i>	Monroe: Petersberg SGA	29-Sep-10	09-Oct-10	DWB
<i>Papaipema speciosissima</i>	Lapeer: 7 Ponds Nature Center	18-Aug-10		DWB
<i>Papaipema speciosissima</i>	Oakland: Oxford	25-Aug-10		DWB
<i>Papaipema speciosissima</i>	OTSEGO: Otsego Lake	12-Sep-10		ETH
<i>Papaipema unimoda</i>	Luce: Wanamaker Lake & Tahquamenon River Peatlands	13-Aug-10		KEJ
<i>Papaipema unimoda</i>	Marquette: McFarland Bog	20-Aug-10		KEJ
<i>Papaipema unimoda</i>	Monroe: Petersberg SGA	29-Sep-10	09-Oct-10	DWB
<i>Hydraecia micacea</i>	Oakland: N of Scripps RD	17-Jul-10		DWB
<i>Hydraecia micacea</i>	Luce: Wanamaker Lake Peatlands	07-Aug-10		DWB
<i>Hydraecia stramentosa</i>	Oakland: Paint Creek Trail N of Silverbell RD	24-Aug-10		DWB
<i>Xylena cineritia</i>	DELTA: Rapid River Barrens	24-Apr-10		KEJ
<i>Xylena thoracica</i>	DELTA: Rapid River Barrens	23-Apr-10	09-Oct-10	KEJ
<i>Lithophane antennata</i>	KEWEENAW: 2 mi. ENE of Phoenix (Lost Highway)	20-Sep-10		LAF
<i>Lithophane baileyi</i>	KEWEENAW: Trail 1 mi. N of Gratiot R. on Hwy. 41	06-Apr-10		LAF
<i>Lithophane georgii</i>	Keweenaw: Trail 1 mi. N of Gratiot R. on Hwy. 41	06-Apr-10		LAF
<i>Lithophane patefacta</i> Bait Trap	KEWEENAW: 2.4 mi. W of Eagle River	01-Oct-10		LAF
<i>Lithophane patefacta</i>	Keweenaw: 2.4 mi. W of Eagle River	04-Oct-10		LAF
<i>Lithophane semiusta</i>	KEWEENAW: Trail 1 mi. N of Gratiot R. on Hwy. 41	06-Apr-10		LAF
<i>Lithophane semiusta</i> Bait Trap	Keweenaw: Ojibway Road	25-Sep-10		LAF
<i>Lithophane thaxteri</i>	Keweenaw: Lac La Belle Bog	27-Sep-10		LAF
<i>Lithophane thujae</i> second Michigan record, one specimen at UV light	KEWEENAW: 2.4 mi. W of Eagle River	19-May-10		LAF
<i>Brachylomia algens</i>	Marquette: McFarland Bog	20-Aug-10		KEJ
<i>Parastichtis suspecta</i>	Marquette: McFarland Bog	04-Jul-10		KEJ
<i>Melanchra pulverulenta</i>	Keweenaw: Point Isabelle Bog	10-Jun-10		LAF
<i>Melanchra pulverulenta</i> rather late record given advanced season	MARQUETTE: McFarland Bog	04-Jul-10		KEJ
<i>Trichordestra rugosa</i>	Luce: Wanamaker Lake Peatlands	02-Jul-10		DWB

<i>Trichordestra rugosa</i>	BARAGE: Gristmill Creek Bog	09-Jul-10	KEJ
<i>Trichordestra tacoma</i>	Alger: Shingleton Barrens	15-Jun-09	DWB
<i>Coranarta luteola</i> early record	Chippewa: Trout Lake Peatlands	29-Apr-10	KEJ
<i>Coranarta luteola</i>	Gogebic: Ox Yoke Lake Bog	04-May-10	KEJ
<i>Coranarta luteola</i>	KEWEENAW: Point Isabelle Bog	25-May-10	LAF
<i>Striacosta albicosta</i>	Alger: Sixteenmile Lake Peatlands	06-Jul-10	KEJ
<i>Eucloptocnemis fimbriaris</i>	Monroe: Petersberg SGA	23-Sep-10	DWB
<i>Euxoa detersa</i>	Luce: Tahquamenon River Peatlands	13-Aug-10	KEJ
<i>Euxoa detersa</i>	Marquette: McFarland Bog	20-Aug-10	KEJ
<i>Euxoa scandens</i>	Chippewa: Trout Lake	03-Jul-10	DWB
<i>Xestia oblata</i>	Marquette: McFarland Bog	04-Jul-10	KEJ
<i>Xestia oblata</i>	Keweenaw: Point Isabelle Bog	10-Jul-10	LAF
<i>Xestia praevia</i>	Marquette: McFarland Bog	04-Jul-10	KEJ

## MINNESOTA

McLean reported that late winter and spring were unusually warm and dry across much of Minnesota. 2010 was the only time in the modern record when no measurable snow was recorded for the month of April. Drought conditions persisted in northeastern Minnesota throughout the season. He experienced a good butterfly season in Cook County and Northeastern Minnesota, especially compared with 2009. While not all species were as common as in most past years, many more were recorded in 2010 than 2009. It was an exceptional year for *Vanessa atalanta*, which was common from 5 May to 25 September. *Vanessa virginiensis* was the most common since its last population spike in 2006. *Danaus plexippus*, virtually absent in 2009, was common in 2010 and arrived on 24 May. It was observed flying south as late as 9 September. A single late season specimen of *Vanessa cardui* was recorded on 25 September. *Oeneis macounii* was more common in 2010 than in previous even-numbered years since 1990. Shier reported a strong year for the *Vanessa atalanta* in eastern Minnesota. *Colias philodice* was the most common butterfly, with large late season numbers. *Junonia coenia* and *Vanessa cardui* were seen in small numbers. *Danaus plexippus* made a strong showing. The high concentrations of migrating monarchs often seen at Red Wing in Goodhue County in late August and early September were not seen this year. Weber reported the season began very early and was the second longest experienced in 18 years in his north-central Minnesota area. Dry conditions prevailed, but were relieved by rains from July through September. Whites and Sulfurs and *Vanessa sp.* Numbers were up late in the season. Numbers of grass skipper species are sharply down.

### Butterflies

#### HESPERIIDAE

<i>Epargyreus clarus</i> early record	Hubbard: Akeley Twp.	21-May-10	23-Jul-10	JWJ
<i>Erynnis juvenalis</i> uncommon this far north	St. Louis: Hunting Shack River Highlands	25-May-10		KEJ
<i>Carterocephalus palaemon</i>	Cook: Devil Track Lake	27-May-10		DBM
<i>Thymelicus lineola</i>	Ramsey: McCullough Park, Shoreview	18-Jun-10		JJM
<i>Thymelicus lineola</i>	Dakota: Cherokee Park, St. Paul	22-Jun-10		JJM
<i>Polites mystic</i>	Cook: Devil Track Lake	22-May-10		DBM
<i>Euphyes vestris</i> early record	Hubbard: Mantrap and Nevis Twps.	16-Jun-10	01-Aug-10	JWJ

#### PAPILIONIDAE

<i>Papilio canadensis</i>	Cook: FR 170	17-May-10		DBM
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#### PIERIDAE

<i>Pontia protodice</i>	Hubbard: Mantrap and Akely Twps.	19-Sep-10	07-Oct-10	JWJ
<i>Pieris oleracea</i> early record	Hubbard: Mantrap and Akely Twps.	11-Apr-10	13-Sep-10	JWJ
<i>Pieris oleracea</i>	Cook: FR 344	17-May-10		DBM
<i>Pieris rapae</i> rare in border lakes region of northern MN; several seen this year	St. Louis: Hunting Shack River Highlands	19-May-10		KEJ
<i>Euchloe ausonides</i>	St. Louis: Fenske Lake	20-May-10		KEJ
<i>Euchloe olympia</i> early record	Hubbard: Mantrap Twp.	17-Apr-10	23-May-10	JWJ

#### LYCAENIDAE

<i>Feniseca tarquinius</i>	St. Louis: Camp Ninety Seven Creek	18-May-10		KEJ
<i>Lycaena dione</i>	Dakota: Dodge Nature Center	24-Jun-10		JJM
<i>Lycaena dorcas</i>	St. Louis: NE of Virginia	25-Jul-10		KEJ
<i>Lycaena dorcas</i>	Lake of the Woods: Red Lake Peatland Spring Fen Channels	31-Jul-10		KEJ
<i>Lycaena epixanthe michiganensis</i>	Lake of the Woods: Red Lake Peatland Spring Fen Channels	31-Jul-10		KEJ
<i>Lycaena helloides</i> early record	Hubbard: Mantrap and Akely Twps.	29-May-10	22-Sep-10	JWJ
<i>Satyrrium edwardsii</i>	Dakota: Dodge Nature Center	24-Jun-10		JJM
<i>Callophrys augustinus</i>	Cass: Hole in Bog Peatland & Sugar Point Bog	17-May-10		KEJ
<i>Callophrys eryphon</i>	St. Louis: several sites along Echo Trail	19-May-10	20-May-10	KEJ
<i>Callophrys niphon</i> early record	Hubbard: Mantrap Twp.	19-Apr-10	13-Jun-10	JWJ
<i>Callophrys polios</i>	St. Louis: Ed Shave Lake Peatlands	20-May-10		KEJ
<i>Strymon melinus</i>	Hubbard: Nevis Twp.	20-Jun-10	27-Sep-10	JWJ



Celastrina lucia early record	Hubbard: Mantrap Twp.	10-Apr-10	17-Apr-10	JWJ
Glaucopsyche lygdamus early record	Hubbard: Mantrap and Nevis Twps.	18-Apr-10	21-Jun-10	JWJ
Glaucopsyche lygdamus couperi	St. Louis: North Lehtinen Creek Uplands	28-May-10		KEJ
<b>NYMPHALIDAE</b>				
Danaus plexippus	Hubbard: Mantrap and Akely Twps.	23-May-10	19-Oct-10	JWJ
Danaus plexippus	Dakota: Cliff Fen, Lebanon Hills Regional Park	24-May-10	12-Sep-10	JS5
Lethe anthedon	Dakota: Lebanon Hills Regional Park	20-Jun-10	20-Jul-10	JS5
Lethe anthedon	Dakota: Cherokee Park, St. Paul	22-Jun-10		JJM
Lethe anthedon	Rice: Louisville Swamp	16-Jul-10		JS5
Coenonympha tullia	Dakota: Lebanon Hills Regional Park	25-May-10	04-Jul-10	JS5
Coenonympha tullia early record	Hubbard: Akeley Twp.	29-May-10	08-Jul-10	JWJ
Cercyonis pegala	Dakota: Dodge Nature Center	22-Jun-10		JJM
Erebia discoidalis already late in flight period by 5/16	St. Louis: numerous sites across county	16-May-10	20-May-10	KEJ
Erebia discoidalis	AITKIN: Floodwood Peatland: Swan River Southeast Section	16-May-10		KEJ
Erebia discoidalis	Itasca: Jacobson Bog	16-May-10		KEJ
Erebia discoidalis	Cook: Plouff Creek wetlands	17-May-10		DBM
Erebia discoidalis	CASS: several sites across northern part of county	17-May-10		KEJ
Erebia mancinus early record	Lake: numerous sites across county	25-May-10	29-May-10	KEJ
Erebia mancinus range extension to NW	St. Louis: Chorus Lake area	25-May-10	05-Jun-10	KEJ
Erebia mancinus apparently absent from these sites in odd years	COOK: Four Mile & Shoko Lake areas	31-May-10	02-Jun-10	KEJ
Megisto cymela rather early this far north	St. Louis: Dunka River Peatlands	30-May-10		KEJ
Oeneis jutta ascerta	St. Louis: numerous sites across county	19-May-10	18-Jun-10	KEJ
Oeneis jutta ascerta common in riparian very shady black spruce poor swamp	Lake: Inga Creek Peatlands	29-May-10		KEJ
Oeneis jutta ascerta abundant & widespread in even years, vs. nearly absent in odd years	Cook: numerous sites across county	31-May-10		KEJ
Oeneis jutta ascerta also KEJ	CASS: Sugar Point Bog	16-Jun-10		DWB
Oeneis macounii	Cook: Junco Creek Rd.	24-May-10		DBM
Oeneis macounii very early record	Cook: numerous sites across county	31-May-10	22-Jun-10	KEJ
Oeneis macounii	Lake: Camp Creek	21-Jun-10		DWB
Speyeria aphrodite	Hennepin: Minesota Valley NWR	21-Aug-10		JS5
Speyeria aphrodite	Rice: Louisville Swamp	11-Sep-10		JS5
Speyeria cybele	Dakota: Lebanon Hills Regional Park	12-Jul-10		JS5
Speyeria cybele	Rice: Louisville Swamp	16-Jul-10		JS5
Speyeria idalia	Wabasha: Weaver Dunes	24-Jul-10		KEJ
Boloria chariclea grandis	St. Louis: numerous sites across county	25-Jul-10		KEJ
Boloria chariclea grandis	Cook: several peatlands across county	28-Jul-10	07-Aug-10	KEJ
Boloria chariclea grandis	Lake: Jack Pine Creek Peatlands	28-Jul-10		KEJ
Boloria chariclea grandis first record from Red Lake Peatland proper; not found in other sections despite much searching	Lake of the Woods: Red Lake Peatland North Poor Swamp	31-Jul-10		KEJ
Boloria chariclea grandis	Itasca: several peatlands on E side of county	03-Aug-10		KEJ
Boloria chariclea grandis	AITKIN: Floodwood Peatland: Swan River Southeast Section	03-Aug-10		KEJ
Boloria freija	AITKIN: Floodwood Peatland: Swan River Southeast Section	16-May-10		KEJ
Boloria freija ubiquitous inhabitant of acid peatlands; even found in heavily forested ones	St. Louis: numerous sites across county	16-May-10	28-May-10	KEJ
Boloria freija	Itasca: Jacobson & Sand Lake Bogs	16-May-10		KEJ
Boloria freija	CASS: Hole in Bog Peatland & Sugar Point Bog	17-May-10		KEJ
Boloria freija observed ovipositing in fairly shady black spruce bog forest	Lake: Greenwood Lake Muskeg	25-May-10		KEJ
Boloria freija	Cook: Sawbill Camp & Lichen Lake Peatlands	31-May-10		KEJ
Boloria frigga saga common by this data	Aitkin: Floodwood Peatland: Swan River Southeast Section	16-May-10		KEJ
Boloria frigga saga common by this data	St. Louis: numerous sites across county	16-May-10	20-May-10	KEJ
Boloria frigga saga common by this data	CASS: several sites across northern part of county	17-May-10		KEJ
Boloria frigga saga common by this data	ITASCA: Rice Lake Peatlands	17-May-10		KEJ

Boloria frigga saga flight nearing end in this region	Lake: South Kawishiwi River Bogs	29-May-10		KEJ
Limnitis arthemis astyanax	Hennepin: Minesota Valley NWR	27-May-10	21-Aug-10	JS5
Limnitis arthemis astyanax	Dakota: Lebanon Hills Regional Park	04-Jun-10	10-Aug-10	JS5
Asterocampa celtis	Dakota: Cherokee Park, St. Paul	22-Jun-10		JJM
Asterocampa celtis	Dakota: Lebanon Hills Regional Park	20-Jul-10		JS5
Vanessa atalanta	Hubbard: Mantrap Twp.	14-Apr-10	03-Oct-10	JWJ
Vanessa atalanta	Cook: Walter Rd.	10-May-10	25-Sep-10	DBM
Vanessa cardui late record	Cook: Walter Rd.	26-Sep-10		DBM
Nymphalis antiopa	Dakota: Cherokee Park, St. Paul	22-Jun-10		JJM
Nymphalis l-album early record	Hubbard: Mantrap Twp.	23-Mar-10	02-Oct-10	JWJ
Nymphalis l-album	Cook: FR 170	17-May-10		DBM
Polygonia faunus	Cook: FR 170	17-May-10		DBM
Polygonia faunus	St. Louis: numerous sites across county	19-May-10	06-Aug-10	KEJ
Polygonia faunus	Cook: numerous sites across county	02-Jun-10	08-Aug-10	KEJ
Polygonia faunus	Hubbard: Akeley and Lake Hattie Twps.	18-Jul-10	22-Sep-10	JWJ
Polygonia interrogationis	St. Louis: Chorus Lake area	25-May-10		KEJ
Polygonia interrogationis	Hubbard: Akeley and Lake Hattie Twps.	20-Jun-10	26-Sep-10	JWJ
Polygonia progne	Cook: Junco Creek Rd.	22-May-10		DBM
Junonia coenia	Dakota: Lebanon Hills Regional Park	10-Aug-10	08-Sep-10	JS5
Junonia coenia	Hennepin: Minesota Valley NWR	12-Aug-10		JS5
Junonia coenia	Rice: Louisville Swamp	12-Sep-10		JS5
Chlosyne nycteis	St. Louis: Partridge River Headwaters	30-May-10		KEJ

## Moths

### TINEIDAE

Monopis marginistrigella	COOK: Sea Gull Lake	02-Jun-10		KEJ
Monopis monachella	ST. LOUIS: Chorus Lake area	14-Jun-10		KEJ
Monopis spilotella	CASS: Hole in Bog Peatland	16-Jun-10		KEJ

### GRACILLARIIDAE

Caloptilia stigmatella	HOUSTON: Mound Prairie	24-Oct-10		KEJ
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### GELECHIIDAE

Lita sexpunctella	CASS: Hole in Bog Peatland & Sugar Point Bog	17-May-10		KEJ
Lita sexpunctella	ST. LOUIS: Chorus Lake area	23-May-10		KEJ
Helcystogramma fernaldella	CASS: Boy River	16-May-10		KEJ
Helcystogramma fernaldella	ST. LOUIS: Chorus Lake area	23-May-10		KEJ
Helcystogramma fernaldella	COOK: Plouff Creek & Sea Gull Lake	31-May-10	02-Jun-10	KEJ
Chionodes sattleri	ST. LOUIS: Chorus Lake area	14-Jun-10		KEJ
Chionodes thoraceochrella	HOUSTON: Mound Prairie	24-Oct-10		KEJ
Brachmia hystriella	HOUSTON: Mound Prairie	24-Oct-10		KEJ

### COLEOPHORIDAE

Coleophora trifolii	ST. LOUIS: Chorus Lake area	14-Jun-10		KEJ
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### CARPOSINIDAE

Bondia crescentella	ST. LOUIS: Hunting Shack River Highlands	18-May-10		KEJ
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### GLYPHIPTERIGIDAE

Glyphipterix haworthana	PINE: Kerrick Peatland	02-May-10		KEJ
Glyphipterix haworthana	ITASCA: Jacobson & Sand Lake Bogs	16-May-10		KEJ
Glyphipterix haworthana	CASS: Hole in Bog Peatland & Sugar Point Bog	17-May-10		KEJ
Glyphipterix haworthana	ST. LOUIS: Kabustasa Lake & Linden Grove Bogs	18-May-10	19-May-10	KEJ

### CRAMBIDAE

Catoptria latiradiella	St. Louis: Vermillion Lake: S of Cable Bay	08-Aug-10		KEJ
Crambus alienellus	St. Louis: Chorus Lake area	14-Jun-10		KEJ
Crambus alienellus	CASS: Hole in Bog Peatland	16-Jun-10		KEJ
Eudonia lugubralis	St. Louis: Chorus Lake area	14-Jun-10		KEJ
Herpetogramma phaeopteralis	HOUSTON: Mound Prairie & Root River Marsh	24-Oct-10		KEJ
Munroessa icciusalis	St. Louis: Vermillion Lake: S of Cable Bay	08-Aug-10		KEJ
Parapoynx allionealis	Cass: Mississippi River Uplands: W of Ball Club Lake	16-Jun-10		KEJ
Parapoynx maculalis	St. Louis: Vermillion Lake: S of Cable Bay	08-Aug-10		KEJ
Pediasia truncatella	ST. LOUIS: Chorus Lake area	14-Jun-10		KEJ
Pyrausta subsequalis	St. Louis: Chorus Lake area	20-May-10		KEJ
Pyrausta subsequalis	Cook: Plouff Creek	31-May-10		KEJ
Raphiptera argillaceella	St. Louis: Chorus & Vermillion Lakes	14-Jun-10	08-Aug-10	KEJ
Scoparia biplagiata	St. Louis: numerous sites across county	14-Jun-10	19-Jun-10	KEJ
Spoladea recurvalis	DAKOTA: Inver Grove Heights	24-Oct-10		KEJ
Spoladea recurvalis	HOUSTON: Mound Prairie & Root River Marsh	24-Oct-10		KEJ

**PYRALIDAE**

<i>Sciota basilaris</i>	ST. LOUIS: Chorus Lake area	14-Jun-10		KEJ
<i>Acrobasis comptoniella</i>	ST. LOUIS: Vermillion Lake: S of Cable Bay	08-Aug-10		KEJ

**PTEROPHORIDAE**

<i>Platyptilia pallidactyla</i>	ST. LOUIS: Chorus Lake area	14-Jun-10		KEJ
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**SESIIDAE**

<i>Synanthedon acerni</i>	CASS: Mississippi River Uplands W of Ball Club Lake	16-Jun-10		KEJ
<i>Synanthedon bolteri</i>	Isanti: 2.5 miles west of Pine Brook	16-Jul-10	26-Jul-10	JS6

**LIMACODIDAE**

<i>Tortricidia testacea</i>	CASS: Mississippi River Uplands: W of Ball Club Lake	16-Jun-10		KEJ
<i>Packardia geminata</i>	CASS: Mississippi River Uplands: W of Ball Club Lake	16-Jun-10		KEJ

**TORTRICIDAE**

<i>Apotomis capreana</i>	ST. LOUIS: Chorus Lake area	14-Jun-10		KEJ
<i>Olethreutes bipartitana</i>	St. Louis: Vermillion Lake: S of Cable Bay	19-Jun-10		KEJ
<i>Pseudexentera kalmiana</i>	ITASCA: Sand Lake Bog	16-May-10		KEJ
<i>Pseudexentera kalmiana</i>	CASS: Sugar Point Bog	17-May-10		KEJ
<i>Pseudexentera kalmiana</i>	ST. LOUIS: Linden Grove Bog	18-May-10		KEJ
<i>Ancyliis mediofasciana</i>	ST. LOUIS: Chorus Lake area	23-May-10		KEJ
<i>Ancyliis subaequana</i>	CASS: Boy River	16-May-10		KEJ
<i>Ancyliis subaequana</i>	ST. LOUIS: Hunting Shack River Highlands	18-May-10		KEJ
<i>Acleris celiana</i>	ST. LOUIS: Chorus Lake area	20-May-10	23-May-10	KEJ
<i>Acleris nigrolinea</i>	CASS: Boy River	16-May-10		KEJ
<i>Acleris nigrolinea</i>	ST. LOUIS: Echo Trail	18-May-10	20-May-10	KEJ
<i>Acleris oxycoccana</i>	PINE: Kerrick Peatland	02-May-10		KEJ
<i>Acleris oxycoccana</i>	ITASCA: Jacobson Bog	16-May-10		KEJ
<i>Acleris oxycoccana</i>	CASS: Sugar Point Bog	17-May-10		KEJ
<i>Acleris oxycoccana</i>	ST. LOUIS: Leander & Linden Grove Bogs	18-May-10		KEJ
<i>Clepsia melaleucana</i>	ST. LOUIS: Chorus Lake area	14-Jun-10		KEJ

**GEOMETRIDAE**

<i>Macaria bisignata</i>	St. Louis: Chorus Lake area	14-Jun-10		KEJ
<i>Macaria brunneata</i> also DRB	CASS: Mississippi River Uplands: W of Ball Club Lake	16-Jun-10		KEJ
<i>Macaria notata</i>	Cook: Sea Gull Lake	02-Jun-10		KEJ
<i>Macaria notata</i>	St. Louis: Chorus Lake area	14-Jun-10		KEJ
<i>Macaria oweni</i>	St. Louis: Chorus Lake area	14-Jun-10		KEJ
<i>Macaria oweni</i>	CASS: Mississippi River Uplands: W of Ball Club Lake	16-Jun-10		KEJ
<i>Macaria pinistrobata</i>	St. Louis: Echo Trail	18-May-10	14-Jun-10	KEJ
<i>Macaria sexmaculata</i>	Cass: Bena Peatland	17-May-10		KEJ
<i>Macaria sexmaculata</i>	Cook: Plouff Creek	31-May-10		KEJ
<i>Macaria submarmorata</i>	CASS: Mississippi River Uplands: W of Ball Club Lake	16-Jun-10		KEJ
<i>Macaria truncataria</i>	Aitkin: Floodwood Peatland: Swan River Southeast Section	16-May-10		KEJ
<i>Macaria truncataria</i>	CASS: numerous sites across northern part of county	17-May-10		KEJ
<i>Macaria truncataria</i>	Itasca: West Deer River Peatland	17-May-10		KEJ
<i>Orthofidonia tinctaria</i>	St. Louis: Hunting Shack River Highlands	18-May-10		KEJ
<i>Orthofidonia tinctaria</i>	Cook: Sawbill Camp Peatlands	31-May-10		KEJ
<i>Ematurga amitaria</i>	St. Louis: several sites across county	18-May-10	19-Jun-10	KEJ
<i>Cleora projecta</i>	St. Louis: Chorus Lake area	20-May-10		KEJ
<i>Melanolophia canadaria</i>	Steele: Owatonna rest stop on I-35	16-Jun-10		JJM
<i>Eufidonia convergaria</i>	St. Louis: Chorus Lake area	14-Jun-10		KEJ
<i>Eufidonia convergaria</i>	Cass: Mississippi River Uplands: W of Ball Club Lake	16-Jun-10		KEJ
<i>Eufidonia discospilata</i>	ITASCA: Sand Lake Bog & West Deer River Peatland	16-May-10	17-May-10	KEJ
<i>Eufidonia discospilata</i>	CASS: Hole in Bog Peatland	17-May-10		KEJ
<i>Erannis tiliaria</i>	HOUSTON: Mound Prairie & Root River Marsh	24-Oct-10		KEJ
<i>Erannis tiliaria</i>	FILLMORE: Rushford	24-Oct-10		KEJ
<i>Ennomos subsignaria</i>	Faribault: Blue Earth rest stop on I-90	27-Jun-10		JJM
<i>Plagodis alcolaria</i>	Faribault: Blue Earth rest stop on I-90	27-Jun-10		JJM
<i>Sicya macularia</i>	Steele: Owatonna rest stop on I-35	16-Jun-10		JJM
<i>Hethemia pistasciaria</i>	St. Louis: numerous sites across county	19-May-10	28-May-10	KEJ
<i>Mesothea incertata</i>	ITASCA: Sand Lake Bog	16-May-10		KEJ
<i>Mesothea incertata</i>	Aitkin: Floodwood Peatland: Swan River Southeast Section	16-May-10		KEJ
<i>Mesothea incertata</i>	CASS: East Bena Peatland & Sugar Point Bog	17-May-10		KEJ
<i>Mesothea incertata</i>	St. Louis: numerous sites across county	18-May-10	20-May-10	KEJ
<i>Scopula junctaria</i>	St. Louis: Chorus Lake area	14-Jun-10		KEJ
<i>Spargania magnoliata</i>	Cass: Boy River	16-May-10		KEJ
<i>Spargania magnoliata</i>	Cook: Sea Gull Lake	02-Jun-10		KEJ
<i>Xanthorhoe abrasaria congregata</i>	St. Louis: Chorus Lake area	14-Jun-10		KEJ

Xanthorhoe lacustrata	St. Louis: Chorus Lake area	20-May-10		KEJ
Eubaphe mendica	Steele: Owatonna rest stop on I-35	16-Jun-10		JJM
Eupithecia ravocostaliata	Cass: Boy River	16-May-10		KEJ
Carsia sororiata	ST. LOUIS: numerous sites across county	25-Jul-10		KEJ
Carsia sororiata	Cook: several sites across county	28-Jul-10	07-Aug-10	KEJ
<b>SATURNIIDAE</b>				
Actias luna	St. Louis: Echo Trail	18-May-10	14-Jun-10	KEJ
many individuals seen at multiple sites				
<b>SPHINGIDAE</b>				
Ceratonia undulosa	Faribault: Blue Earth rest stop on I-90	16-Jun-10		JJM
Lintneria eremitus	Isanti: 2.5 miles west of Pine Brook	31-May-10		JS6
Aellopos titan	CASS: Mississippi River Uplands W of Ball Club Lake	17-Jun-10		DEB
Amphion floridensis	Hennepin: Saint Anthony	22-Jun-10		JJM
<b>NOTODONTIDAE</b>				
Clostera brucei	St. Louis: Chorus Lake area	23-May-10		KEJ
Clostera strigosa	Cook: Plouff Creek	31-May-10		KEJ
Gluphisia avimacula	St. Louis: Chorus Lake area	20-May-10	23-May-10	KEJ
<b>ARCTIIDAE</b>				
Holomelina lamae	St. Louis: several sites across county	25-Jul-10		KEJ
local and uncommon this far north/west				
Holomelina lamae	CASS: Hole in Bog Peatland	02-Aug-10		KEJ
westward range extension				
Grammia virguncula	Jackson: Jackson Co. rest stop on I-90	16-Jun-10		JJM
Grammia virguncula	Faribault: Blue Earth rest stop on I-90	16-Jun-10		JJM
Parasemia plantaginis	Lake: McNair	20-Jun-10		KEJ
bog forest cutover; day				
Pyrrharctia isabella	Faribault: Blue Earth rest stop on I-90	16-Jun-10		JJM
Spilosoma dubia	St. Louis: Chorus Lake area	23-May-10		KEJ
Spilosoma dubia	Lake: Greenwood Lake Muskeg	20-Jun-10		KEJ
<b>NOCTUIDAE</b>				
Meganola minuscula	Cass: Mississippi River Uplands: W of Ball Club Lake	16-Jun-10		KEJ
Nycteola frigidana	St. Louis: Floodwood Peatlands/Echo Trail	15-May-10	18-May-10	KEJ
Idia majoralis	HOUSTON: Root River Marsh	24-Oct-10		KEJ
Hypena baltimoralis	St. Louis: Chorus Lake area	14-Jun-10		KEJ
Hypena edictalis	Isanti: 1.5 miles west of Pine Brook	16-May-10		JS6
Hypena edictalis	St. Louis: Chorus Lake area	14-Jun-10		KEJ
Scoliopteryx libatrix	Cass: Boy River	16-May-10		KEJ
Anticarsia gemmatalis	HOUSTON: Mound Prairie & Root River Marsh	24-Oct-10		KEJ
Zale aeruginosa	St. Louis: Echo Trail	18-May-10	25-May-10	KEJ
Zale aeruginosa	Cook: Plouff Creek	31-May-10		KEJ
Zale calycanthata	Isanti: 2.5 miles west of Pine Brook	24-May-10		JS6
Zale lunata	Houston: Mound Prairie	24-Oct-10		KEJ
Catocala badia	COOK: Plouff Creek & Sawbill Camp area	05-Aug-10	08-Aug-10	KEJ
Catocala semirelictata	Cook: Sawbill Camp	05-Aug-10	08-Aug-10	KEJ
Diachrysia balluca	Steele: Owatonna rest stop on I-90	16-Jun-10		JJM
Autographa rubidus	Cook: Plouff Creek & Sawbill Camp area	31-May-10		KEJ
Syngrapha microgamma nearctica	St. Louis: Chorus Lake area	14-Jun-10	18-Jun-10	KEJ
also DRB				
Colocasia flavicornis	St. Louis: Echo Trail	18-May-10	20-May-10	KEJ
Alypia langtoni	Cook: Poplar Creek Uplands	02-Jun-10		KEJ
Feralia comstocki	St. Louis: Chorus Lake area	20-May-10	23-May-10	KEJ
Apamea amputatrix	Dakota: 174 Muriel Blvd., W. St. Paul	20-Jun-10		JJM
Lithophane thaxteri	St. Louis: Chorus Lake area	20-May-10		KEJ
Pyreferra citrombra	St. Louis: Chorus Lake area	20-May-10		KEJ
Eupsilia morrisoni	Houston: Mound Prairie	24-Oct-10		KEJ
Hillia iris	Sherburne: Engblom's willow wetland	01-Sep-10		JS6
Melanchra pulverulenta	St. Louis: Chorus Lake area	23-May-10	18-Jun-10	KEJ
common				
Melanchra pulverulenta	COOK: Sawbill Camp Peatlands	31-May-10		KEJ
Trichordestra tacoma	Cook: Sea Gull Lake	02-Jun-10		KEJ
Papestra cristifera	COOK: Sawbill Camp Peatlands	31-May-10		KEJ
probable STATE RECORD				
Papestra quadrata	St. Louis: Floodwood Peatlands & Chorus Lake Area	15-May-10	20-May-10	KEJ
Coranarta luteola	CASS: Bena Peatland	17-May-10		KEJ
Lasionycta taigata	St. Louis: Chorus Lake area	14-Jun-10		KEJ
Lasionycta taigata	Lake: Greenwood Lake Muskeg	20-Jun-10		KEJ
Agrotis obliqua	Cook: Sea Gull Lake	02-Jun-10		KEJ

Cerastis fishii	St. Louis: Floodwood Peatlands & Chorus Lake Area	15-May-10	23-May-10	KEJ
Aplectoides condita	St. Louis: Chorus Lake area	14-Jun-10		KEJ
Xestia badicollis	St. Louis: Vermillion Lake: S of Cable Bay	08-Aug-10		KEJ
Xestia dolosa	Faribault: Blue Earth rest stop on I-90	16-Jun-10		JJM
Xestia oblata	St. Louis: Chorus Lake area	14-Jun-10		KEJ

## MISSOURI

### Moths

<b>CRAMBIDAE</b>				
Uresiphita reversalis	CLAY: Liberty, Marthe LaFite Thompson Nature Sanctuary	22-Jul-10		JKA
Uresiphita reversalis	CLAY: Liberty, Martha LaFite Thompson Nature Sanctuary	22-Jul-10		JKA
<b>LIMACODIDAE</b>				
Prolimacodes badia	CLAY: Liberty, Martha LaFite Thompson Nature Sanctuary	22-Jul-10		JKA
<b>GEOMETRIDAE</b>				
Digrammia ocellinata	CLAY: Liberty, Martha LaFite Thompson Nature Sanctuary	22-Jul-10		JKA
Erastria coloraria	CLAY: Liberty, Martha LaFite Thompson Nature Sanctuary	22-Jul-10		JKA
Nemoria mimosaria	CLAY: Liberty, Martha LaFite Thompson Nature Sanctuary	22-Jul-10		JKA
<b>SATURNIIDAE</b>				
Eacles imperialis	CLAY: Liberty, Martha LaFite Thompson Nature Sanctuary	22-Jul-10		JKA
Clearly resident				
<b>NOCTUIDAE</b>				
Hypenodes fractilinea	CLAY: Liberty, Martha LaFite Thompson Nature Sanctuary	22-Jul-10		JKA
Macrochilo hypocriticalis	CLAY: Liberty, Martha LaFite Thompson Nature Sanctuary	22-Jul-10		JKA
Macrochilo litophora	CLAY: Liberty, Martha LaFite Thompson Nature Sanctuary	22-Jul-10		JKA
Zale horrida	CLAY: Liberty, Martha LaFite Thompson Nature Sanctuary	22-Jul-10		JKA
Spragueia apicalis	CLAY: Liberty, Martha LaFite Thompson Nature Sanctuary	22-Jul-10		JKA
Noctua pronuba	CLAY: Liberty, Martha LaFite Thompson Nature Sanctuary	22-Jul-10		JKA
possible STATE RECORD				

## OHIO

### Moths

<b>PSYCHIDAE</b>				
Thyridopteryx ephemeraeformis	Franklin: Columbus	16-Jan-10		KEJ

## WEST VIRGINIA

### Butterflies

<b>PAPILIONIDAE</b>				
Eurytides marcellus	Hardy: Big Schloss	27-Jun-10		PT1
Battus philenor	Hardy: Big Schloss	27-Jun-10		PT1
Battus philenor	Pendleton: Spruce Knob	31-Jul-10		PT1
<b>PIERIDAE</b>				
Abaeis nicippe	Randolph: Gandy Creek	20-Jun-10		PT1
<b>LYCAENIDAE</b>				
Lycaena phlaeas	Randolph: Gandy Creek	30-May-10		PT1
<b>NYMPHALIDAE</b>				
Cercyonis pegala	Hardy: Big Schloss	27-Jun-10	14-Aug-10	PT1
Speyeria aphrodite	Hardy: Big Schloss	27-Jun-10		PT1
Speyeria atlantis	Pendleton: Simoda	19-Jun-10		PT1
Speyeria atlantis	Hardy: Big Schloss	27-Jun-10		PT1
Speyeria cybele	Doddridge: Smithburg	31-May-10		PT1
Speyeria cybele	Hardy: Big Schloss	27-Jun-10		PT1
Boloria selene	Randolph: Spruce Knob Lake	01-Aug-10		PT1
Limnitis archippus	Randolph: Spruce Knob Lake	01-Aug-10		PT1
Asterocampa celtis	Hardy: Big Schloss	27-Jun-10		PT1
Vanessa atalanta	Pendleton: Spruce Knob	31-Jul-10		PT1
Vanessa virginiensis	Randolph: Spruce Knob Lake	20-Jun-10		PT1

### Moths

<b>SATURNIIDAE</b>				
Eacles imperialis	Lewis: Burnsville I-79 rest area	17-Jul-10		FXB
Citheronia regalis	Lewis: Burnsville I-79 rest area	17-Jul-10		FXB
<b>SPHINGIDAE</b>				
Manduca jasmineearum	Monongalia: Morgantown I-79 rest area	17-Jul-10		FXB
Paonias astylus	Lewis: Burnsville I-79 rest area	17-Jul-10		FXB
Paonias excaecata	Lewis: Burnsville I-79 rest area	17-Jul-10		FXB

**NOTODONTIDAE**

Datana ministra	Lewis: Burnsville I-79 rest area	17-Jul-10	FXB
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**ARCTIIDAE**

Apantesis vittata	Lewis: Burnsville I-79 rest area	17-Jul-10	FXB
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Haploa clymene	Lewis: Burnsville I-79 rest area	17-Jul-10	FXB
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**LYMANTRIIDAE**

Dasychira basiflava	Lewis: Burnsville I-79 rest area	17-Jul-10	FXB
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**WISCONSIN**

The Swengels reported that spring and the first half of summer butterfly phenology was nearly 15 days earlier than average. Early dates for nearly all bog specialist butterflies were recorded, with a margin of 7 to 17 days. *Erebia discoidalis*, *Boloria freija* and *B. frigga* had above average numbers. *Oeneis jutta*, *Boloria eunomia*, *Lycaena epixanthe*, and *L. dorcas* had poor years. Prairie specialist butterflies continue to be in trouble. *Hesperia ottoe* has crashed on preserves in Wisconsin. The Swengels recorded *Hesperia ottoe* in Wisconsin every year from 1988-2010, but 2010 surveys failed to find them in several known sites. These additional declines coincide with intensive burning in *H. ottoe* core areas of the three sites where it was found in 2007, especially Dewey Heights and Rush Creek. At the other two formerly large Wisconsin *Ottoe* populations (Spring Green, Muralt Bluff) having multiple counts of 25-84 individuals in the early 1990s, no *H. ottoe*s were found since the late 1990s. *Speyeria idalia* was recorded on 16 June, its earliest Wisconsin date. Counts increased at most sites after poor years 2008-2009. Numbers were average to above average at Hogback Prairie, Thomson Prairie and Barneveld Prairie. Populations at Muralt Bluff and Pine Island remain in precarious shape and none were found at Oliver Prairie. Ebner recorded a butterfly season of 220 days from 1 April to 16 November in Waukesha County. 2010 proved to be a dramatic comeback contrasted to last year. *Danaus plexippus* surged to healthy numbers once more. Large and steady numbers of *Vanessa virginiensis* and *V. atalanta* were observed flying northward on 1 May. *Junonia coenia* was prevalent from late August to mid-October and *form rosa* was noted on 7 October in Okauchee. *Hylephila phyleus* had a long season and was prevalent from 16 July to 17 October. *Erynnis juvenalis* and *Glaucopteryx lygdamus* were very scarce at Kettle Moraine State Forest in early May, and *Oarisma powesheik* was not seen on 10 July.

**Butterflies****HESPERIIDAE**

Pholisora catullus	Jackson: Jackson Co. Forest	27-Aug-10	SAS
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Erynnis lucilius	Dane: Swamp Lover's Preserve	08-Sep-10	KEJ
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Erynnis lucilius	Sauk: Spring Green Preserve	12-Sep-10	KEJ
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Erynnis martialis	Burnett: Crex Meadows	09-May-10	18-Jul-10 SAS
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Erynnis persius	Wood: Hwy. X	21-Apr-10	SAS
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early record

Hylephila phyleus	Waukesha: Okauchee Lake	17-Jul-10	17-Oct-10 JAE
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Hylephila phyleus	DOUGLAS: S of Amnicon Lake	17-Jul-10	SAS
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Hylephila phyleus	Dodge: DNR trails E side of Horicon Marsh	10-Sep-10	SAS
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Hylephila phyleus	KENOSHA: Kenosha Dunes SNA	10-Sep-10	LAF
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Atalopedes campestris	Dane: Swamp Lover's Preserve	18-Aug-10	KEJ
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record from Jerry Goth

Atalopedes campestris	Dane: Fitchburg (McKee Farm Park)	16-Oct-10	LAF
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Polites peckius	Waukesha: Okauchee Lake	16-Aug-10	18-Oct-10 JAE
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Euphyes bimacula	LINCOLN: Bradley Bog	13-Jul-10	KEJ
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Atrytonopsis hianna	Monroe: Fort McCoy	04-May-10	SAS
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early record

**PAPILIONIDAE**

Papilio glaucus	Waukesha: Okauchee Lake	26-Jun-10	08-Aug-10 JAE
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Papilio polyxenes asterius	Waukesha: Okauchee Lake	03-Jul-10	08-Sep-10 JAE
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**PIERIDAE**

Pieris virginiensis	Price: Elk River Headwaters	26-Apr-10	KEJ
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Colias eurytheme	Waukesha: Okauchee Lake	03-May-10	16-Nov-10 JAE
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Pyrisitia lisa	Sauk: Devils Lake SP	28-Jun-10	SAS
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Pyrisitia lisa	Portage: Buena Vista WA	15-Jul-10	21-Aug-10 SAS
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Pyrisitia lisa	Burnett: Crex Meadows	18-Jul-10	SAS
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Pyrisitia lisa	Bayfield: Cornucopia	30-Jul-10	SAS
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Abaeis nicippe	Iowa: Avoca	04-Sep-10	LAF
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Nathalis iole	Crawford: Prairie du Chien	04-Sep-10	LAF
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**LYCAENIDAE**

Lycaena dione	Portage: Buena Vista WA	16-Jun-10	23-Jul-10 SAS
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Lycaena dorcas	Bayfield: Perch Lake Bog	13-Jul-10	KEJ
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Lycaena helloides	Burnett: Crex Meadows	23-May-10	18-Jul-10 SAS
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Lycaena hyllus	Portage: Buena Vista WA	06-Jun-10	22-Aug-10 SAS
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fourth straight poor year

Lycaena hyllus	Waukesha: Okauchee Lake	19-Oct-10	JAE
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Callophrys henrici	Jackson: Jackson Co. Forest	17-Apr-10	14-May-10 SAS
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3rd straight good year in both central and NW counties

Callophrys henrici	Burnett: Namekagon Barrens	02-May-10	KEJ
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Callophrys henrici	Monroe: Fort McCoy	04-May-10	SAS
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Callophrys irus	Jackson: Jackson Co. Forest	17-Apr-10	22-May-10 SAS
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peak numbers seen on 1 May

Calophrys niphon clarki	PRICE: S of Davis Lake	18-Apr-10		KEJ
Calophrys polios	Marinette: Grandfather Lake Barrens	22-Apr-10		KEJ
Strymon melinus also LAF	Crawford: Hogback Prairie & Prairie du Chien	03-Jul-10	04-Sep-10	SAS
Strymon melinus	Burnett: Crex Meadows	18-Jul-10		SAS
Celastrina lucia	Florence: Tie Mill Road	05-Apr-10		LAF
Glaucoopsyche lygdamus couperi	Waukesha: Kettle Moraine State Forest	11-May-10		JAE
Plebejus idas nabokovi	Marinette: Shrine Road	26-Jun-10		SAS
Plebejus melissa samuelis early record	Monroe: Fort McCoy	04-May-10		SAS
Plebejus saepiolus early record	Marinette: Shrine Road	05-Jun-10		SAS
Plebejus saepiolus amica also DRB	Douglas: Miller Creek	24-Jun-10		KEJ
<b>NYMPHALIDAE</b>				
Danaus plexippus	Burnett: Crex Meadows	23-May-10		SAS
Danaus plexippus	Waukesha: Okauchee Lake	26-May-10	12-Oct-10	JAE
Lethe anthedon	Waukesha: Kettle Moraine State Forest	16-Jun-10		JAE
Coenonympha tullia inornata	TAYLOR: Kidrick Swamp	27-May-10		KEJ
Cercyonis pegala nephele	Waukesha: Kettle Moraine State Forest	10-Jul-10		JAE
Erebia discoidalis	Price: Riley Lake Bog (North)	26-Apr-10		KEJ
Erebia discoidalis revoucher of John Masters' historical record; also very early date	Lincoln: Bradley Bog	26-Apr-10		KEJ
Erebia discoidalis flight nearing end in this region	Iron: Du Page Lake Peatlands	04-May-10		KEJ
Megisto cymela	Jackson: Bear Bluff Station	27-May-10		KEJ
Megisto cymela	Waukesha: Kettle Moraine State Forest	16-Jun-10		JAE
Oeneis jutta ascerta late in flight period	Rusk: Island Lake & Potatoe Creek Bogs	26-May-10		KEJ
Speyeria cybele	Waukesha: Kettle Moraine State Forest	16-Jun-10		JAE
Speyeria idalia early record, observed in association with Carduus nutans patches by KEJ	Portage: Buena Vista WA	16-Jun-10	27-Aug-10	SAS
Boloria bellona late record, also Kyle Johnson, Cathy Bleser & Su Borkin	Columbia: Pine Island WA	05-Oct-10		SAS
Boloria eunomia dawsoni early record	Rusk: Island Lake Bog	26-May-10		KEJ
Boloria eunomia dawsoni	Chippewa: Jerome Lake Bog	26-May-10		KEJ
Boloria freija extreme early record for WI and undoubtedly any region	Price: numerous sites across county	14-Apr-10	26-Apr-10	KEJ
Boloria freija around peak flight	Ashland: Slim Lake Bog	20-Apr-10		KEJ
Boloria freija flight nearing end in this region	Iron: Du Page Lake Peatlands	04-May-10		KEJ
Boloria freija flight nearing end in this region	Oneida: Gagen Railroad Bog	05-May-10		KEJ
Boloria freija flight nearing end in this region	Douglas: Belden Swamp	15-May-10		KEJ
Boloria frigga saga extreme early record for WI and undoubtedly any region	Bayfield: Little Bass Lake Peatland	04-May-10		KEJ
Boloria frigga saga	Iron: Turtle-Flambeau Peatland	04-May-10		KEJ
Boloria frigga saga	Douglas: Belden Swamp	15-May-10		KEJ
Boloria frigga saga	SAWYER: Lake of the Pines Peatland	15-May-10		KEJ
Limenitis archippus	Waukesha: Okauchee Lake	10-Jul-10	15-Sep-10	JAE
Limenitis arthemis	Waukesha: Okauchee Lake	10-Jul-10	18-Aug-10	JAE
Vanessa atalanta	Waukesha: Okauchee Lake	01-May-10	14-Oct-10	JAE
Vanessa virginiensis	Waukesha: Okauchee Lake	01-May-10	16-Aug-10	JAE
Polygonia faunus	Sawyer: Moose River	20-Apr-10		KEJ
Polygonia faunus	Forest: Armstrong Creek Bog	22-Apr-10		KEJ
Polygonia interrogationis	Waukesha: Okauchee Lake	25-May-10	11-Aug-10	JAE
Junonia coenia	Douglas: Amnicon Lake area	28-May-10		SAS
Junonia coenia	Waukesha: Okauchee Lake	10-Aug-10	16-Oct-10	JAE
Junonia coenia	Richland: Lone Rock	04-Sep-10		LAF
Junonia coenia	Iowa: Avoca	04-Sep-10		LAF
Junonia coenia	Crawford: Prairie du Chien	04-Sep-10		LAF
Junonia coenia	Kenosha: Kenosha Dunes SNA	10-Sep-10		LAF
Junonia coenia	Dane: Swamp Lover's Preserve	12-Sep-10		LAF
Chlosyne gorgone carlota early record	Jackson: Jackson Co. Forest	01-May-10	04-Jun-10	SAS

Chlosyne gorgone carlota	Douglas: Miller Creek	24-Jun-10		DBM
Phyciodes tharos	Waukesha: Okauchee Lake	16-Jun-10	09-Oct-10	JAE
<b>Moths</b>				
<b>TINEIDAE</b>				
Monopis spilotella	Dane: Swamp Lover's Preserve	20-Sep-10		KEJ
<b>PSYCHIDAE</b>				
Hyaloscotes pithopoera	JACKSON: Bauer-Brockway Barrens	01-Apr-10		KEJ
<b>GRACILLARIIDAE</b>				
Caloptilia stigmatella	LINCOLN: Swamp Road Bog	14-Apr-10		KEJ
Caloptilia stigmatella	KEWAUNEE: Lipsky Swamp	10-Oct-10		KEJ
Cameraria conglomeratella	DANE: Swamp Lover's Preserve	31-Aug-10		KEJ
probable STATE RECORD				
<b>OECOPHORIDAE</b>				
Semioscopis aurorella	JUNEAU: Meadow Valley SWA: NE of Cutler	22-Mar-10		KEJ
Semioscopis aurorella	JACKSON: Bauer-Brockway Barrens & Martin Marsh	01-Apr-10		KEJ
Semioscopis aurorella	MONROE: Meadow Valley SWA: S of Norway Ridge	01-Apr-10		KEJ
Semioscopis inornata	DOOR: Gardner Swamp SWA	11-Apr-10		LAF
Semioscopis inornata	SAWYER: Deer Creek	17-Apr-10		KEJ
Semioscopis inornata	BAYFIELD: Drummond	02-May-10		KEJ
Semioscopis megamicrella	JACKSON: Bauer-Brockway Barrens	01-Apr-10		KEJ
<b>GELECHIIDAE</b>				
Arogalea cristifasciella	JACKSON: Bauer-Brockway Barrens	01-Apr-10		KEJ
Lita sexpunctella	WASHBURN: Lost Lake Bog	27-Apr-10		KEJ
Brachmia hystricella	DANE: Lodi Marsh SWA	10-Sep-10		KEJ
<b>GLYPHIPTERIGIDAE</b>				
Glyphipterix haworthana	Price: several sites across county	18-Apr-10	26-Apr-10	KEJ
extreme early record; also reared ex. seed heads of Eriophorum vaginatum				
<b>PYRALIDAE</b>				
Hypsopygia costalis	Dane: Swamp Lover's Preserve	10-Sep-10	11-Oct-10	KEJ
<b>LIMACODIDAE</b>				
Lithacodes fasciola	Jackson: I-94 Rest Area SE of Black River Falls	14-Jun-10		KEJ
Euclea delphinii	Jackson: I-94 Rest Area SE of Black River Falls	14-Jun-10		KEJ
<b>TORTRICIDAE</b>				
Pseudexentera kalmiana	Price: several sites across county	14-Apr-10	26-Apr-10	KEJ
extreme early record				
Pseudexentera kalmiana	BURNETT: Loon Creek Peatland	02-May-10		KEJ
Pseudexentera virginiana	JACKSON: Bauer-Brockway Barrens & Martin Marsh	01-Apr-10		KEJ
Pseudexentera virginiana	LINCOLN: Swamp Road Bog	14-Apr-10		KEJ
Chimoptesis pennsylvaniana	MONROE: Meadow Valley SWA: S of Norway Ridge	01-Apr-10		KEJ
Chimoptesis pennsylvaniana	JACKSON: Bauer-Brockway Barrens	01-Apr-10		KEJ
Ancyliis mediofasciana	VILAS: Haymeadow Creek Barrens	04-May-10		KEJ
Acleris bowmanana	JUNEAU: Meadow Valley SWA: NE of Cutler	22-Mar-10		KEJ
Acleris braunana	LINCOLN: Swamp Road Bog	14-Apr-10		KEJ
Acleris celiana	JUNEAU: Meadow Valley SWA: NE of Cutler	22-Mar-10		KEJ
Acleris celiana	Door: Gardner Swamp SWA	11-Apr-10		LAF
Acleris cornana	MONROE: Meadow Valley SWA: S of Norway Ridge	01-Apr-10		KEJ
Acleris fuscana	MONROE: Meadow Valley SWA: S of Norway Ridge	01-Apr-10		KEJ
Acleris logiana	SAWYER: Deer Creek	17-Apr-10		KEJ
Acleris maculidorsana	JACKSON: Bauer-Brockway Barrens & Martin Marsh	01-Apr-10		KEJ
Acleris maculidorsana	VILAS: Haymeadow Creek Barrens	04-May-10		KEJ
Acleris maculidorsana	KEWAUNEE: Lipsky Swamp	10-Oct-10		KEJ
Acleris nigrolinea	JACKSON: Bauer-Brockway Barrens	01-Apr-10		KEJ
Acleris nigrolinea	MONROE: Meadow Valley SWA: S of Norway Ridge	01-Apr-10		KEJ
Acleris oxycoccana	Jackson: Martin Marsh	01-Apr-10		KEJ
Acleris subnivana	MONROE: Meadow Valley SWA: S of Norway Ridge	01-Apr-10		KEJ
Decodes macdunnoughi	KEWAUNEE: Lipsky Swamp	10-Oct-10		KEJ
Decodes macdunnoughi	DANE: Swamp Lover's Preserve	11-Oct-10		KEJ
<b>GEOMETRIDAE</b>				
Archiearis infans	JUNEAU: Meadow Valley SWA: NE of Cutler	22-Mar-10	01-Apr-10	KEJ
Archiearis infans	MONROE: Meadow Valley SWA: S of Norway Ridge	22-Mar-10		KEJ
Archiearis infans	OCONTO: Breed Twp.	11-Apr-10		LAF
Archiearis infans	SAWYER: Moose River	20-Apr-10		KEJ
Archiearis infans	FOREST: Armstrong Creek Uplands	22-Apr-10		KEJ
Orthofidonia tinctoria	BAYFIELD: Drummond	02-May-10		KEJ
Lycia ursaria	FLORENCE: Tipler	05-Apr-10		LAF
Paleacrita merriccata	JUNEAU: Meadow Valley SWA: NE of Cutler	22-Mar-10		KEJ



<i>Paleacrita merriccata</i>	MONROE: Meadow Valley SWA: S of Norway Ridge	01-Apr-10		KEJ
<i>Erastria coloraria</i>	Jackson: Bauer-Brockway Barrens	01-Apr-10		KEJ
<i>Epirranthis substriataria</i>	BAYFIELD: Drummond	02-May-10		KEJ
<i>Cingilia catenaria</i>	Dane: Swamp Lover's Preserve	12-Sep-10		SCB
unusual record this far south				
<i>Hethemia pistasciaria</i>	RUSK: Island Lake & Potatoe Creek Bogs	26-May-10		KEJ
<i>Mesothea incertata</i>	WASHBURN: Lost Lake Bog	27-Apr-10		KEJ
<i>Coryphista meadii</i>	Dane: Swamp Lover's Preserve	28-Sep-10		KEJ
<b>SPHINGIDAE</b>				
<i>Agrius cingulata</i>	Milwaukee: South Milwaukee (Grant Park)	02-Sep-10	09-Sep-10	LAF
collected by Ralph Drzewiecki, one male found dead under building window, one female found in same place a week later				
<i>Hemaris gracilis</i>	Jackson: North Brockway Barrens	24-Jun-10		KEJ
<b>NOTODONTIDAE</b>				
<i>Gluphisia lintneri</i>	MONROE: Meadow Valley SWA: S of Norway Ridge	01-Apr-10		KEJ
<i>Gluphisia lintneri</i>	LINCOLN: Swamp Road Bog	14-Apr-10		KEJ
<b>ARCTIIDAE</b>				
<i>Grammia celia</i>	BURNETT: Namekagon Barrens	02-May-10		KEJ
<b>NOCTUIDAE</b>				
<i>Nycteola frigidana</i>	LINCOLN: Swamp Road Bog	14-Apr-10		KEJ
<i>Phoberia ingenua</i>	Jackson: Bauer-Brockway Barrens	01-Apr-10		KEJ
<i>Anticarsia gemmatalis</i>	Dane: Swamp Lover's Preserve	11-Oct-10		KEJ
<i>Pseudoplusia includens</i>	KENOSHA: Kenosha Dunes SNA	10-Sep-10		LAF
<i>Syngrapha viridisigma</i>	Forest: 3 mi. N of Laona	20-Jul-10		LAF
<i>Psaphida rolandi</i>	Monroe: Meadow Valley SWA: S of Norway Ridge	01-Apr-10		KEJ
<i>Psaphida rolandi</i>	Adams: N of Friendship	01-Apr-10		KEJ
<i>Psaphida styracis</i>	JUNEAU: Meadow Valley SWA: NE of Cutler	22-Mar-10		KEJ
<i>Psaphida styracis</i>	ADAMS: N of Friendship	01-Apr-10		KEJ
<i>Psaphida thaxteriana</i>	ADAMS: N of Friendship	01-Apr-10		KEJ
<i>Brachionycha borealis</i>	Florence: 1 mi. N of Pine R. on Hwy 139	05-Apr-10		LAF
<i>Feralia comstocki</i>	Bayfield: Drummond	02-May-10		KEJ
<i>Feralia jocosa</i>	Florence: Tipler	05-Apr-10		LAF
<i>Feralia jocosa</i>	LINCOLN: Swamp Road Bog	14-Apr-10		KEJ
<i>Feralia major</i>	Adams: N of Friendship	01-Apr-10		KEJ
<i>Feralia major</i>	MONROE: Meadow Valley SWA: S of Norway Ridge	01-Apr-10		KEJ
<i>Heliothis borealis</i>	Burnett: Namekagon Barrens	02-May-10		KEJ
record from Paul Rumpsa, hovering about bearberry clone under very windy conditions				
<i>Schinia indiana</i>	Burnett: Crex Meadows, Fish Lake WA & Burnett CF	23-May-10		SAS
<i>Elaphria chalconia</i>	DANE: Swamp Lover's Preserve	06-Sep-10	29-Sep-10	KEJ
first reported STATE RECORD				
<i>Caradrina meralis</i>	KENOSHA: Kenosha Dunes SNA	10-Sep-10		LAF
<i>Magusa orbifera</i>	Kenosha: South Kenosha (7th Ave. & 90th St.)	10-Sep-10		LAF
<i>Rhizedra lutosa</i>	KENOSHA: South Kenosha (7th Ave. & 90th St.)	10-Sep-10		LAF
STATE RECORD, one specimen at UV light				
<i>Eremobina claudens</i>	Forest: 3 mi. N of Laona	20-Jul-10		LAF
<i>Meropleon ambifuscum</i>	Dane: Swamp Lover's Preserve & Lodi Marsh	31-Aug-10	10-Sep-10	KEJ
<i>Spartiniphaga inops</i>	Kenosha: South Kenosha (7th Ave. & 90th St.)	10-Sep-10		LAF
<i>Chortodes inquinata</i>	Forest: 3 mi. N of Laona	20-Jul-10		LAF
<i>Papaipema beeriana</i>	Kenosha: South Kenosha (7th Ave. & 90th St.)	10-Sep-10		LAF
<i>Papaipema cerina</i>	Dane: Swamp Lover's Preserve	31-Aug-10	29-Sep-10	KEJ
<i>Papaipema impecuniosa</i>	BROWN: Holland Red Maple Swamp	08-Oct-10		KEJ
<i>Papaipema inquaesita</i>	Dane: Swamp Lover's Preserve	31-Aug-10	12-Sep-10	KEJ
<i>Papaipema inquaesita</i>	KENOSHA: South Kenosha (7th Ave. & 90th St.)	10-Sep-10		LAF
<i>Papaipema leucostigma</i>	Dane: Swamp Lover's Preserve	12-Sep-10		KEJ
<i>Papaipema marginidens</i>	DANE: Swamp Lover's Preserve	09-Sep-10	15-Sep-10	KEJ
<i>Papaipema maritima</i>	Dane: Lodi Marsh SWA	10-Sep-10		KEJ
<i>Papaipema necopina</i>	Columbia: Lodi Marsh SWA	10-Sep-10	12-Oct-10	KEJ
<i>Papaipema necopina</i>	Dane: Swamp Lover's Preserve	12-Sep-10	11-Oct-10	KEJ
<i>Papaipema nepheleptena</i>	Dane: Swamp Lover's Preserve	12-Sep-10	06-Oct-10	KEJ
<i>Papaipema sciata</i>	Dane: Swamp Lover's Preserve	11-Oct-10		KEJ
<i>Papaipema silphii</i>	Dane: Lodi Marsh SWA & Swamp Lover's Preserve	10-Sep-10	21-Sep-10	KEJ
<i>Xylena thoracica</i>	MONROE: Meadow Valley SWA: S of Norway Ridge	01-Apr-10		KEJ
<i>Homoglaea hircina</i>	ADAMS: N of Friendship	01-Apr-10		KEJ
<i>Homoglaea hircina</i>	MONROE: Meadow Valley SWA: S of Norway Ridge	01-Apr-10		KEJ
<i>Homoglaea hircina</i>	LINCOLN: Swamp Road Bog	14-Apr-10		KEJ
<i>Lithophane baileyi</i>	FLORENCE: Tipler	05-Apr-10		LAF
<i>Lithophane bethunei</i>	MONROE: Meadow Valley SWA: S of Norway Ridge	01-Apr-10		KEJ
<i>Lithophane disposita</i>	Florence: 1 mi. NW of Fay Lk. (Cedar Swamp)	05-Apr-10		LAF

Lithophane patefacta	Florence: 1 mi. N of Pine R. on Hwy 139	05-Apr-10		LAF
Lithophane patefacta	BROWN: Holland Red Maple Swamp	08-Oct-10		KEJ
Lithophane petulca	MONROE: Meadow Valley SWA: S of Norway Ridge	01-Apr-10		KEJ
Lithophane pexata	LINCOLN: Swamp Road Bog	14-Apr-10		KEJ
Lithophane semiusta	Florence: Tipler	05-Apr-10		LAF
Lithophane tepida	MONROE: Meadow Valley SWA: S of Norway Ridge	01-Apr-10		KEJ
Lithophane tepida	LINCOLN: Swamp Road Bog	14-Apr-10		KEJ
Lithophane thaxteri	Jackson: Martin Marsh	01-Apr-10		KEJ
Pyreferra citrombra	LINCOLN: Swamp Road Bog	14-Apr-10		KEJ
Pyreferra pettiti	MONROE: Meadow Valley SWA: S of Norway Ridge	01-Apr-10		KEJ
Metaxaglaea inulta	Dane: Swamp Lover's Preserve	15-Sep-10	06-Oct-10	KEJ
Epiglaea decliva	Dane: Swamp Lover's Preserve	29-Sep-10	21-Nov-10	KEJ
Brachyloimia algens	Forest: 3 mi. N of Laona	20-Jul-10		LAF
Orthosia alurina	ADAMS: N of Friendship	01-Apr-10		KEJ
Orthosia alurina	MONROE: Meadow Valley SWA: S of Norway Ridge	01-Apr-10		KEJ
Orthosia rubescens	LINCOLN: Swamp Road Bog	14-Apr-10		KEJ
Papestra biren	Vilas: Scat Lake Bog	04-May-10		KEJ
Papestra quadrata	Vilas: Haymeadow Creek Barrens	04-May-10		KEJ
Coranarta luteola	Price: Scott Creek Bog	26-Apr-10		KEJ
Coranarta luteola early record	Lincoln: Bradley Bog	26-Apr-10		KEJ
Coranarta luteola	Bayfield: Little Bass Lake Peatland	04-May-10		KEJ
Leucania ursula	Dane: Swamp Lover's Preserve	31-Aug-10	11-Oct-10	KEJ
Striacosta albicosta	FOREST: 3 mi. N of Laona	20-Jul-10		LAF
Euxoa niveilinea	Kenosha: Kenosha Dunes SNA	10-Sep-10		LAF

## 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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 JT1 : Jeff Trahan

FXB : Fred Bower  
 KD : Ken Davenport  
 CWM : Craig W. Marks  
 DTA : Don Tangren  
 JPT : James P. Tuttle

## ARKANSAS

### Butterflies

#### HESPERIIDAE

Thorybes confusus	CRAWFORD: Lee Creek, Rd. 220, Boston Mts.	07-Jun-10		KD
Thorybes pylades common	CRAWFORD: Lee Creek, Rd. 220, Boston Mts.	06-Jun-10	12-Jun-10	KD
Staphylus hayhurstii	CRAWFORD: Lee Creek, Rd. 220, Boston Mts.	07-Jun-10		KD
Erynnis funeralis	CRAWFORD: Boston Mts., Hwy. 71, south of Mt. Gaylor	10-Jun-10		KD
Hylephila phyleus	CRAWFORD: Lee Creek, Rd. 220, Boston Mts.	06-Jun-10	12-Jun-10	KD
Polites origenes	CRAWFORD: Lee Creek, Rd. 220, Boston Mts.	07-Jun-10		KD
Wallengrenia egeremet	CRAWFORD: Lee Creek, Rd. 220, Boston Mts.	06-Jun-10	12-Jun-10	KD
Wallengrenia otho	CRAWFORD: Lee Creek, Rd. 220, Boston Mts.	06-Jun-10	12-Jun-10	KD
Anatrytone logan	CRAWFORD: Lee Creek, Rd. 220, Boston Mts.	07-Jun-10	12-Jun-10	KD
Problema byssus photo record along with CWM	Hempstead: Rick Evans Grandview Prairie	30-May-10		JT1
Problema byssus	CRAWFORD: Lee Creek, Rd. 220, Boston Mts.	07-Jun-10		KD
Poanes hobomok	CRAWFORD: Lee Creek, Rd. 220, Boston Mts.	07-Jun-10		KD
Poanes yehl	CRAWFORD: Lee Creek, Rd. 220, Boston Mts.	07-Jun-10		KD
Euphyes vestris metacomet	CRAWFORD: Lee Creek, Rd. 220, Boston Mts.	06-Jun-10	12-Jun-10	KD

#### PAPILIONIDAE

Eurytides marcellus abundant	Crawford: Lee Creek, Rd. 220, Boston Mts.	06-Jun-10	12-Jun-10	KD
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Papilio troilus very common	Crawford: Lee Creek, Rd. 220, Boston Mts.	06-Jun-10	12-Jun-10	KD
<b>PIERIDAE</b>				
Pontia protodice	CRAWFORD: Lee Creek, Rd. 220, Boston Mts.	06-Jun-10	12-Jun-10	KD
Zerene cesonia	Crawford: Lee Creek, Rd. 220, Boston Mts.	07-Jun-10		KD
Phoebis sennae	Crawford: Lee Creek, Rd. 220, Boston Mts.	07-Jun-10		KD
Pyrisitia lisa	CRAWFORD: Natural Dam	06-Jun-10		KD
<b>LYCAENIDAE</b>				
Strymon melinus	CRAWFORD: Lee Creek, Rd. 220, Boston Mts.	06-Jun-10	12-Jun-10	KD
Celastrina neglecta	YELL: Cedar Piney Lake	11-Jun-10		KD
<b>NYMPHALIDAE</b>				
Libytheana carinenta	CRAWFORD: Lee Creek, Rd. 220, Boston Mts.	06-Jun-10	12-Jun-10	KD
Lethe anthedon	CRAWFORD: Natural Dam in woods by picnic area	12-Jun-10	13-Jun-10	KD
Lethe creola	CRAWFORD: Natural Dam, wet spot at gate to dirt rd.	06-Jun-10		KD
Lethe portlandia missarkae	CRAWFORD: Natural Dam	24-Apr-08		KD
	reidentification of previously reported L. anthedon			
Hermeuptychia sosybius	Yell: Cedar Piney Lake	11-Jun-10		KD
	probably confirms record reported as H. hermes on BAMONA website			
Speyeria cybele	CRAWFORD: Lee Creek, Rd. 220, Boston Mts.	06-Jun-10	12-Jun-10	KD
Limnitis arthemis astyanax	CRAWFORD: Natural Dam	06-Jun-10	12-Jun-10	KD
Asterocampa celtis	CRAWFORD: Natural Dam	06-Jun-10		KD
Asterocampa clyton	CRAWFORD: Natural Dam	06-Jun-10		KD
Asterocampa clyton	Washington: Boston Mts., NE of Mt. Gaylor along rural rd.	08-Jun-10		KD
Asterocampa clyton	YELL: Cedar Piney Lake	11-Jun-10		KD
Polygonia comma	Crawford: Lee Creek, Rd. 220, Boston Mts.	07-Jun-10		KD
Chlosyne gorgone carlota	CRAWFORD: Boston Mts., Hwy. 71, 3 mi. south of Mt. Gaylor	08-Jun-10		KD
Chlosyne nycteis	CRAWFORD: Lee Creek, Rd. 220, Boston Mts.	06-Jun-10	12-Jun-10	KD

## FLORIDA

### Butterflies

#### PIERIDAE

Eurema दौरa	Polk: 5 mi. E. of Polk City	03-Dec-10		PT1
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#### NYMPHALIDAE

Agraulis vanillae nigrrior	Polk: 5 mi. E. of Polk City	03-Dec-10		PT1
Phyciodes phaon	Polk: 5 mi. E. of Polk City	03-Dec-10		PT1

## GEORGIA

### Butterflies

#### HESPERIIDAE

Amblyscirtes belli	Fulton: Monastery of the Holy Spirit, Atlanta	25-Jul-10		JKA
	Very uncommon; sight record by Michael Stiteler			
Problema byssus	Fulton: Monastery of the Holy Spirit, Atlanta	28-Jul-10		JKA
	2nd generation; uncommon in GA; 6 individuals; sight record by Michael Stiteler			
Euphyes dukesi	Glynn: along U.S. 17, north of Woodbine	31-May-10		MC
	Local in GA; sight record			
Euphyes pilatka	Glynn: along U.S. 17, north of Woodbine	07-Oct-10	10-Oct-10	JKA
	Very local in S GA; sight record by Rachel Cass, Darlene Moore, Dan Vickers			

#### PIERIDAE

Pontia protodice	Gordon: Resaca	01-Nov-10		JKA
	Uncommon and local in GA; sight record by Darlene Moore, Roy Brown, Max Medley			
Ascia monuste	Glynn: Jekyll Island	07-Oct-10	10-Oct-10	JKA
	restricted to coastal and southern GA; sight record by Rachel Cass, Darlene Moore, Dan Vickers			
Nathalis iole	Gwinnett: McDaniel Farm Park, Gwinnett	09-Oct-10		JKA
	Local in GA; sight record by Luke Theodorou			
Nathalis iole	Monroe: Rum Creek WMA	30-Oct-10		JKA
	Local in GA; sight record by Rose and Jerry Payne			
Nathalis iole	Gordon: Resaca	01-Nov-10		JKA
	Local in GA; 25 + individuals; sight record by Darlene Moore, Roy Brown, Max Medley			
Nathalis iole	Stewart: Bradley unit of Eufaula NWR, N of Georgetown	11-Nov-10	20-Nov-10	JKA
	Local in GA; sight record by Roy Brown, Darlene Moore, Bruce Horn			

#### LYCAENIDAE

Lycaena phlaeas	Rabun: Hale Ridge Road, NE of Sky Valley	21-Jun-10	25-Jun-10	JKA
	County record, uncommon in GA; sight records by Luke Theodorou and Roy Brown			
Satyrium favonius ontario	Jones: Piedmont NWR,	23-Apr-10		JKA
	Uncommon in GA; sight record by Ali Iyob			

Satyrrium favonius ontario	Bartow: Pine Log WMA	09-May-10	10-May-10	JKA
Uncommon in GA; sight records by Luke Theodorou and Pierre Howard				
Erora laeta	Walker: Crockford-Pigeon Mtn. WMA, 8 mi. WSW LaFayette	18-Apr-10		JKA
Local and uncommon in GA; 2 individuals				
<b>RIODINIDAE</b>				
Calephelis virginensis	Glynn: Jekyll Island	07-Oct-10	10-Oct-10	JKA
Local and uncommon in GA; sight record by Rachel Cass, Darlene Moore, Dan Vickers				
<b>NYMPHALIDAE</b>				
Lethe appalachia	BARTOW: 5 mi. ESE Fairmount, along Salacoa Ck	05-Jun-10		JKA
County record, uncommon out of the mountains				
Lethe appalachia	Fulton: Monastery of the Holy Spirit, Atlanta	28-Jul-10		JKA
Uncommon out of the mountains; sight record by Michael Stiteler				
Chlosyne gorgone	Bartow: north side Etowah River at Allatoona Dam	23-Mar-10		A/F
very few locations in GA				
<b>Moths</b>				
<b>PSYCHIDAE</b>				
Basiacladus tracyi	EMANUEL: Tract 4 Ohoopsee Dunes nr Covena 9mi SW Swainsboro	05-Sep-10		A/F
County record, local and uncommon in GA				
<b>COSMOPTERIGIDAE</b>				
Stagmatophora sexnotella	EMANUEL: Tract 4 Ohoopsee Dunes nr Covena 9mi SW Swainsboro	05-Sep-10		A/F
County record, very few in state				
<b>LIMACODIDAE</b>				
Euclea nanina	BARTOW: 5 mi. ESE Fairmount, along Salacoa Ck	05-Jun-10		JKA
Uncommon in N GA				
<b>GEOMETRIDAE</b>				
Ceratomyx satanaria	WALKER: Taylor's Ridge, 5 mi. W Villanow	03-Apr-10		JKA
County record; 30+ individuals				
Lytrosis permagnaria	Walker: Taylor's Ridge, 5 mi. W Villanow	14-May-10		JKA
Best location for this species in GA; 35+ individuals				
Cepphis decoloraria	CHEROKEE: Reinhardt College Campus, Waleska	17-Apr-10		A/F
County record; very uncommon; only N GA				
Cepphis decoloraria	Bartow: 5 mi. ESE Fairmount, along Salacoa Ck	05-Jun-10		JKA
very uncommon; only N GA				
Lobocleta peralbata	EMANUEL: TTract 4 Ohoopsee Dunes nr Covena 9mi SW Swainsboro	05-Sep-10		A/F
County record; <10 from state				
Leptostales laevitaria	EMANUEL: Tract 4 Ohoopsee Dunes nr Covena 9mi SW Swainsboro	05-Sep-10		A/F
STATE record				
<b>SPHINGIDAE</b>				
Isoparce cupressi	EMANUEL: Tract 4 Ohoopsee Dunes nr Covena 9mi SW Swainsboro	04-Sep-10		A/F
County record				
Eumorpha intermedia	Glynn: Jekyll Island	04-Oct-10		JPT
photo record by Rebecca Deatsman				
<b>NOTODONTIDAE</b>				
Hyparpax aurora	BARTOW: 5 mi. ESE Fairmount, along Salacoa Ck	22-May-10		JKA
County record				
Hyparpax aurora	Emanuel: Tract 3, Ohoopsee Dunes, 8 mi WSW Swainsboro	04-Sep-10		A/F
uncommon; several forms				
<b>NOCTUIDAE</b>				
Idia gopheri	Emanuel: Tract 3, Ohoopsee Dunes, 8 mi WSW Swainsboro	04-Sep-10		A/F
Extremely uncommon; around Gopher Tortoise burrows, 2 individuals				
Idia gopheri	Emanuel: Tract 4 Ohoopsee Dunes nr Covena 9mi SW Swainsboro	05-Sep-10		A/F
Extremely uncommon; around Gopher Tortoise burrows, 2 individuals				
Idia gopheri	Emanuel: Tract 3, Ohoopsee Dunes, 8 mi WSW Swainsboro	01-Oct-10		A/F
Extremely uncommon; around Gopher Tortoise burrows, 1 individual				
Idia gopheri	Emanuel: Tract 4 Ohoopsee Dunes nr Covena 9mi SW Swainsboro	01-Oct-10		A/F
Extremely uncommon; around Gopher Tortoise burrows, 1 individual				
Idia majoralis	BARTOW: 5 mi. ESE Fairmount, along Salacoa Ck	05-Jun-10		JKA
County record; 3 individuals				
Idia majoralis	Bartow: 5 mi. ESE Fairmount, along Salacoa Ck	13-Aug-10		JKA
See above; 3 individuals				
Hormoschista latipalpis	Emanuel: Tract 3, Ohoopsee Dunes, 8 mi WSW Swainsboro	01-Oct-10		A/F
Very uncommon; <10 for GA; 3 individuals				
Calyptra canadensis	Bartow: 5 mi. ESE Fairmount, along Salacoa Ck	13-Aug-10		JKA
uncommon in N GA				
Protapamea danieli	Bartow: 5 mi. ESE Fairmount, along Salacoa Ck	05-Jun-10		JKA
Local around cane; 3 individuals				

Lesmone hinna very uncommon in GA	Emanuel: Tract 3, Ohoopee Dunes, 8 mi WSW Swainsboro	04-Sep-10	A/F
Metria amella Second specimen for N GA	Walker: Taylor's Ridge, 5 mi. W Villanow	14-May-10	JKA
Catocala cara carissima County record; from Kenneth Waldrup and Terry Johnson	TWIGGS: Twiggs Co.	06-Jul-10	JKA
Catocala robinsoni Uncommon	Whitfield: exit 326 off I-75, Carbondale	07-Oct-10	JKA
Bagisara rectifascia Uncommon	Bartow: 5 mi. ESE Fairmount, along Salacoa Ck	22-May-10	JKA
Bagisara rectifascia Uncommon	Gilmer: 8 mi. NW of Ellijay, along Gates Chapel Rd.	23-May-10	ILF
Merolonche dolli Uncommon; 3 individuals	Walker: Taylor's Ridge, 5 mi. W Villanow	02-Apr-19	
Cucullia alfarata County record, very few in state	EMANUEL: Tract 3, Ohoopee Dunes, 8 mi WSW Swainsboro	05-Sep-10	A/F
Cucullia asteroides Actually uncommon in GA	Gordon: Calhoun (yard of JKA)	28-Aug-10	JKA
Feralia comstocki Local and uncommon in GA	Gilmer: 8 mi. NW of Ellijay, along Gates Chapel Rd.	17-Apr-10	ILF
Feralia jocosa Latest record for GA	Gilmer: 8 mi. NW of Ellijay, along Gates Chapel Rd.	03-Apr-10	ILF
Feralia major Third latest record for N GA	Walker: Taylor's Ridge, 5 mi. W Villanow	02-Apr-10	JKA
Feralia major Second latest record for N GA	Gilmer: 8 mi. NW of Ellijay, along Gates Chapel Rd.	03-Apr-10	ILF
Pyrrhia umbra County record, <20 in GA	GORDON: Calhoun (yard of JKA)	28-Aug-10	JKA
Schinia arefacta County record, local in GA	Emanuel: Tract 4 Ohoopee Dunes nr Covena 9mi SW Swainsboro	05-Sep-10	A/F
Schinia arefacta Local in GA	Emanuel: Tract 4 Ohoopee Dunes nr Covena 9mi SW Swainsboro	01-Oct-10	A/F
Schinia fulleri Very local in S GA	Emanuel: Tract 3, Ohoopee Dunes, 8 mi WSW Swainsboro	04-Sep-10	A/F
Schinia petulans County record, local in S GA	EMANUEL: Tract 4 Ohoopee Dunes nr Covena 9mi SW Swainsboro	01-Oct-10	A/F
Schinia tuberculum Very local in S GA	Emanuel: Tract 3, Ohoopee Dunes, 8 mi WSW Swainsboro	01-Oct-10	A/F
Diastema tigris County record, first for N GA, <10 for GA	FULTON: Atlanta (Finkelstein residence)	19-Jun-10	ILF
Elaphria fuscimacula County record, very local	EMANUEL: Tract 4 Ohoopee Dunes nr Covena 9mi SW Swainsboro	01-Oct-10	A/F
Hyppa xylinoidea County record, very uncommon in GA	GILMER: 8 mi. NW of Ellijay, along Gates Chapel Rd.	29-May-10	ILF
Euplexia benesimilis County record; first record out of mountains	CHEROKEE: Reinhardt College Campus, Waleska	17-Apr-10	A/F
Oligia fractilinea County record, uncommon in GA	EMANUEL: Tract 3, Ohoopee Dunes, 8 mi WSW Swainsboro	01-Oct-10	A/F
Papaipema eupatorii Uncommon	Bartow: 5 mi. ESE Fairmount, along Salacoa Ck	23-Oct-10	A/F
Papaipema polymniae Earliest record by two weeks	Bartow: 5 mi. ESE Fairmount, along Salacoa Ck	13-Aug-10	JKA
Lithophane disposita County record; very uncommon; 4th location in state	BARTOW: 5 mi. ESE Fairmount, along Salacoa Ck	23-Oct-10	A/F
Lithophane querquera Uncommon	Gilmer: 8 mi. NW of Ellijay, along Gates Chapel Rd.	03-Apr-10	ILF
Pyreferra hesperidago County record, uncommon in N GA	WALKER: Taylor's Ridge, 5 mi. W Villanow	02-Apr-10	JKA
Sideridis ruisa Extremely uncommon, <10 in GA; 4 individuals	EMANUEL: Tract 4 Ohoopee Dunes nr Covena 9mi SW Swainsboro	01-Oct-10	A/F

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## LOUISIANA

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### Butterflies HESPERIIDAE

Urbanus dorantes	Cameron: western part of parish	17-Oct-10	CWM
Urbanus dorantes	Cameron: Hwy 81, eastern part of parish	30-Oct-10	CWM
Thorybes confusus	Rapides: Kisatchie NF	18-Apr-10	CWM
Thorybes confusus	Natchitoches: Kisatchie NF	28-Apr-10	CWM

<i>Erynnis baptisiae</i>	Grant: Kisatchie NF	13-Mar-10		CWM
<i>Erynnis baptisiae</i>	Rapides: Kisatchie NF	27-Mar-10		CWM
<i>Erynnis brizo</i>	Rapides: Kisatchie NF	27-Mar-10		CWM
<i>Erynnis funeralis</i>	St. Landry: Thistlethwaite WMA	29-Aug-10		CWM
<i>Erynnis funeralis</i>	Cameron: western part of parish	17-Oct-10		CWM
<i>Erynnis funeralis</i>	Cameron: Hwy 81, eastern part of parish	30-Oct-10		CWM
<i>Amblyscirtes aesculapius</i>	Rapides: Kisatchie NF	18-Apr-10		CWM
<i>Amblyscirtes alternata</i>	Natchitoches: Kisatchie NF	28-Apr-10		CWM
<i>Amblyscirtes vialis</i>	Rapides: Kisatchie NF	18-Apr-10		CWM
<i>Hesperia meskei</i>	Natchitoches: Forest Rd. 321, Kisatchie National Forest	19-Jun-10		JT1
photo record along with CWM				
<i>Atalopedes campestris</i>	Cameron: western part of parish	17-Oct-10		CWM
<i>Polites origenes</i>	Natchitoches: Kisatchie NF	09-May-10		CWM
<i>Anatrytone logan</i>	St. Landry: Thistlethwaite WMA	02-May-10		CWM
<i>Anatrytone logan</i>	St. Landry: Thistlethwaite WMA	15-Aug-10	29-Aug-10	CWM
<i>Anatrytone logan</i>	LAFAYETTE: Vermilion Bayou Nature Trail	26-Sep-10		CWM
<i>Poanes aaroni</i>	Cameron: western part of parish	17-Oct-10		CWM
<i>Poanes aaroni</i>	Cameron: Hwy 81, eastern part of parish	30-Oct-10	07-Nov-10	CWM
<i>Poanes viator</i>	Caddo: Bickham Dickson St. Pk.	02-Oct-10		CWM
<i>Poanes viator</i>	Cameron: Hwy 81, eastern part of parish	30-Oct-10	07-Nov-10	CWM
<i>Euphyes bayensis</i>	Cameron: western part of parish	17-Oct-10	23-Oct-10	CWM
<i>Euphyes bayensis</i>	Cameron: Hwy 81, eastern part of parish	30-Oct-10	07-Nov-10	CWM
<i>Euphyes dion</i>	St. Landry: Thistlethwaite WMA	22-Aug-10	29-Aug-10	CWM
<i>Euphyes dukesi</i>	St. Martin: Indian Bayou WMS	01-Aug-10		CWM
<i>Euphyes dukesi</i>	St. Landry: Thistlethwaite WMA	15-Aug-10	29-Aug-10	CWM
<i>Euphyes pilatka</i>	Cameron: western part of parish	23-Oct-10		CWM
<i>Atrytonopsis hianna</i>	Natchitoches: Kisatchie NF	28-Apr-10		CWM
<i>Atrytonopsis loammi</i>	Rapides: Kisatchie NF	18-Apr-10		CWM
<i>Panoquina panoquin</i>	Cameron: western part of parish	17-Oct-10	23-Oct-10	CWM
<i>Panoquina panoquin</i>	Cameron: Hwy 81, eastern part of parish	30-Oct-10	07-Nov-10	CWM
<i>Megathymus streckeri</i>	Natchitoches: Kisatchie NF	28-Apr-10		CWM
<b>PAPILIONIDAE</b>				
<i>Battus philenor</i>	Cameron: Peveto Woods Sanctuary off LA 82	23-Oct-10		KC
<i>Papilio polyxenes</i>	St. Landry: Thistlethwaite WMA	02-May-10		CWM
one form "pseudoamericanus"				
<b>PIERIDAE</b>				
<i>Pontia protodice</i>	Natchitoches: Kisatchie NF	28-Apr-10		CWM
<i>Ascia monuste</i>	Cameron: Peveto Woods Sanctuary off LA 82	23-Oct-10		KC
<i>Anthocharis midea</i>	Rapides: Kisatchie NF	27-Mar-10		CWM
<i>Phoebis agarithe maxima</i>	Cameron: Peveto Woods Sanctuary off LA 82	23-Oct-10		KC
<i>Phoebis philea</i>	St. Mary: 2 mi. E. of Morgan City	21-Oct-10		KC
<i>Nathalis iole</i>	Natchitoches: Kisatchie NF	28-Apr-10		CWM
<i>Nathalis iole</i>	Cameron: Hwy 81, eastern part of parish	30-Oct-10		CWM
<b>LYCAENIDAE</b>				
<i>Feniseca tarquinius</i>	Caddo: Eddie B. Jones St. Pk.	10-Apr-10		CWM
<i>Satyrrium calanus</i>	St. Landry: Thistlethwaite WMA	02-May-10		CWM
<i>Satyrrium kingi</i>	Natchitoches: Kisatchie NF	19-Jun-10		CWM
<i>Callophrys henrici</i>	Rapides: Kisatchie NF	27-Mar-10		CWM
<i>Callophrys irus</i>	Rapides: Kisatchie NF	27-Mar-10		CWM
<i>Callophrys nippon</i>	Grant: Kisatchie NF	13-Mar-10		CWM
<i>Celastrina neglecta</i>	St. Landry: Thistlethwaite WMA	29-Aug-10		CWM
<b>NYMPHALIDAE</b>				
<i>Danaus gilippus thersippus</i>	St. Landry: Thistlethwaite WMA	15-Aug-10	29-Aug-10	CWM
colony feeding on <i>A. perennis</i>				
<i>Cercyonis pegala</i>	Natchitoches: Kisatchie NF	19-Jun-10		CWM
<i>Chlosyne nycteis</i>	St. Landry: Thistlethwaite WMA	15-Aug-10	29-Aug-10	CWM
late sighting				
<i>Chlosyne nycteis</i>	Lafayette: Vermilion Bayou Nature Trail	26-Sep-10		CWM

## MISSISSIPPI

### Butterflies

<b>HESPERIIDAE</b>				
<i>Amblyscirtes aesculapius</i>	Wilkinson: Clark Creek Nature Area	08-Aug-10	05-Sep-10	CWM
<i>Amblyscirtes aesculapius</i>	Warren: Vicksburg	24-Aug-10		RLP
<i>Poanes yehl</i>	Warren: Vicksburg	24-Aug-10		RLP
<i>Euphyes dukesi</i>	Calhoun: 3 mi. W. of Calhoun City	03-Sep-10		RLP

**LYCAENIDAE**

Feniseca tarquinius	Prentiss: Natchez Trace	26-Jun-10	CWM
Satyrium favonius ontario late record	Copiah: BSA Camp Warren Hood	07-May-10	RLP
Celastrina neglecta	Prentiss: Natchez Trace	26-Jun-10	CWM
Celastrina neglecta	Wilkinson: Clark Creek Nature Area	08-Aug-10 05-Sep-10	CWM

**NYMPHALIDAE**

Lethe creola	Chickasaw: Chickasaw County WMA	14-May-10	CWM
Lethe creola	Prentiss: Natchez Trace	26-Jun-10	CWM
Lethe creola	Wilkinson: Clark Creek Nature Area	08-Aug-10 05-Sep-10	CWM
Lethe portlandia	Wilkinson: Clark Creek Nature Area	08-Aug-10 05-Sep-10	CWM
Cyllopsis gemma	Wilkinson: Clark Creek Nature Area	05-Sep-10	CWM
Speyeria cybele	Chickasaw: Chickasaw County WMA	14-May-10	CWM
Euphydryas phaeton ozarkae	Chickasaw: Chickasaw County WMA	14-May-10	CWM

**NORTH CAROLINA****Moths****SATURNIIDAE**

Citheronia sepulcralis	Cabarrus: Concord	15-Aug-10	DW2
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**SPHINGIDAE**

Manduca jasminearum	Cabarrus: Concord	14-Aug-10	DW2
Sphinx franckii	Cabarrus: Concord	16-Aug-10 19-Aug-10	DW2
Sphinx kalmiae	Cabarrus: Concord	14-Aug-10 17-Aug-10	DW2

**NOCTUIDAE**

Anticarsia gemmatilis	Cabarrus: Concord	13-Oct-10	DW2
Catocala andromedae	Stanly: Uwharrie NF, near Badin	10-Jul-07	DW2
Catocala cara carissima	Cabarrus: Concord	13-Oct-10	DW2
Catocala clintoni	Cabarrus: Concord	12-Jun-10	DW2
Catocala marmorata	Stanly: Uwharrie NF, near Badin	30-Aug-08	DW2
Catocala mira	Stanly: Uwharrie NF, near Badin	04-Jul-06	DW2
Catocala palaeogama	Cabarrus: Concord	15-Aug-10	DW2

**SOUTH CAROLINA****Butterflies****HESPERIIDAE**

Urbanus proteus sight record	WILLIAMSBURG: WeeTee State Forest	25-Sep-10	DMF
Thorybes pylades sight record, worn	OCONEE: Rich Mt. Rd.	25-May-10	DMF
Erynnis brizo photo record by Lois Stacey	AIKEN: Near Windsor	16-Apr-10	DMF
Erynnis funeralis sight record, state record	WILLIAMSBURG: WeeTee State Forest	02-Oct-10	DMF
Erynnis icelus sight record, very fresh with gray scales	OCONEE: Burrell's Ford Rd, Sumter National Forest	25-May-10	DMF
Erynnis zarucco sight record by M. Kastner	ORANGEBURG: Hundred Acre Woods	04-Sep-10	DMF
Hesperia meskei sight record, female	DORCHESTER: Bronson Forest	15-Sep-10	DMF
Polites origenes sight record, fresh	MCCORMICK: Fury Ferry, Long Cane Ranger District, Sumter NF	16-Jul-10	DMF
Wallengrenia otho photo record by M. Kastner	LEXINGTON:	25-Jul-10	DMF
Pompeius verna sight record	WILLIAMSBURG: WeeTee State Forest	25-Sep-10	DMF
Problema bulenta photo record	Georgetown: Low Country Center, Brookgreen Gardens	04-Sep-10	DMF
Problema byssus photo record by Lois Stacey	AIKEN: Silver Bluff Audubon Center	28-Aug-10	DMF
Poanes zabulon sight record	WILLIAMSBURG: WeeTee State Forest	29-Apr-09	DMF
Poanes zabulon photo record by M. Kastner	ORANGEBURG: Hundred Acre Woods	17-Apr-10	DMF
Oligoria maculata sight record by M. Kastner	ORANGEBURG: Hundred Acre Woods	04-Sep-10	DMF

Megathymus yuccae photo record by Billy McCord	Charleston: island near Rockville	20-Apr-10		DMF
<b>PAPILIONIDAE</b>				
Papilio appalachiensis photo record by Doug Allen	GREENVILLE: Blue Wall Preserve, Mountain trail	26-Apr-10		DMF
Papilio appalachiensis sight record	Greenville: Camp Greenville YMCA Camp	26-May-10		DMF
<b>PIERIDAE</b>				
Anthocharis midea sight record	MARION: Woodbury WMA	18-Mar-09		DMF
Colias philodice sight record, fresh male	CHESTERFIELD: Carolina Sandhills NWR visitors center	16-Apr-10		DMF
Eurema daira sight record, male	JASPER: Tillman Gopher Tortoise HP	14-Sep-10		DMF
<b>LYCAENIDAE</b>				
Atlides halesus sight record by M. Kastner	ORANGEBURG: Hundred Acre Woods	04-Sep-10		DMF
Satyrium calanus sight record by J. Fraytet	Marion: Marsh Wildlife Management Area	09-May-10		DMF
Satyrium liparops sight record by J. Fraytet	MARION: Marsh Wildlife Management Area	09-May-10		DMF
Satyrium liparops sight record, fresh	OCONEE: Chau-Ram County Park	23-May-10		DMF
Callophrys gryneus photo record by M. Kastner	LEXINGTON: Shealy's Pond HP	27-Mar-10		DMF
Callophrys henrici photo record by M. Kastner	LEXINGTON: Shealy's Pond HP	27-Mar-10		DMF
Callophrys henrici sight record	SUMTER: St. Marks Church Rd. Manchester State Forest	07-Apr-10		DMF
Callophrys irus female laying eggs on Lupinus, photo record	Chesterfield: Visitor Center, Carolina Sandhills NWR	16-Apr-10		DMF
Callophrys niphon photo record by M. Kastner	RICHLAND: Harbison SF	21-Mar-09		DMF
Callophrys niphon record from Tom Smith	LEXINGTON: Shealy's Pond HP	16-Apr-09		BGS
<b>RIODINIDAE</b>				
Calephelis virginianensis sight record by Lisa Lord & Sudie Daves Thomas	Dorchester: Sandridge Rd. near Bronsan Forest	01-Nov-10		BGS
<b>NYMPHALIDAE</b>				
Libytheana carinenta sight record	ALLENDALE: Johnsons Landing	02-Apr-10		DMF
Anaea andria 5 seen, photo record by M. Kastner	Orangeburg: Hundred Acre Woods	17-Apr-10	04-Sep-10	DMF
Anaea andria photo record by Lois Stacey	AIKEN:	07-May-10		DMF
Lethe anthedon sight record	GREENVILLE: CCC road, Camp Greenville YMCA Camp	26-May-10		DMF
Vanessa cardui sight record	WILLIAMSBURG: WeeTee State Forest	25-Sep-10		DMF
Euphydryas phaeton photo record by Doug Allen	SPARTANBURG: below Windmill Hill	17-May-10		DMF

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## TENNESSEE

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### Moths

#### NOCTUIDAE

Rivula propinqualis	Davidson: Cane Ridge Rd.	30-Apr-10		DTA
Zanclognatha minoralis	Davidson: Cane Ridge Rd.	05-Jun-10		DTA
Zanclognatha obscuripennis	Davidson: Cane Ridge Rd.	14-May-10		DTA
Macrochilo hypocritalis	Davidson: Cane Ridge Rd.	31-May-10		DTA
Hypena abalienalis	Davidson: Cane Ridge Rd.	21-May-10		DTA
Hypena baltimoralis	Davidson: Cane Ridge Rd.	30-Apr-10		DTA
Hypena madefactalis	Davidson: Cane Ridge Rd.	10-May-10		DTA
Spargaloma sexpunctata	Davidson: Cane Ridge Rd.	02-May-10		DTA
Nigetia formosalis	Davidson: Cane Ridge Rd.	25-May-10		DTA
Isogona tenuis	Davidson: Cane Ridge Rd.	23-Apr-10		DTA
Hypsoropha hormos	Davidson: Cane Ridge Rd.	31-May-10		DTA
Hypsoropha monilis	Davidson: Cane Ridge Rd.	08-May-10		DTA



<i>Plusiodonta compressipalpis</i>	Davidson: Cane Ridge Rd.	03-Apr-10	DTA
<i>Phoberia atomaris</i>	Davidson: Cane Ridge Rd.	25-Apr-10	DTA
<i>Cissusa spadix</i>	Davidson: Cane Ridge Rd.	05-Apr-10	DTA
<i>Melipotis jucunda</i>	Davidson: Cane Ridge Rd.	27-Jul-10	DTA
<i>Mocis latipes</i>	Davidson: Cane Ridge Rd.	14-May-10	DTA
<i>Celiptera frustulum</i>	Davidson: Cane Ridge Rd.	07-May-10	DTA
<i>Argyrostromis anilis</i>	Davidson: Cane Ridge Rd.	23-Aug-10	DTA
<i>Panopoda carneicosta</i>	Davidson: Cane Ridge Rd.	08-May-10	DTA
<i>Lesmone detrahens</i>	Davidson: Cane Ridge Rd.	20-Aug-10	DTA
<i>Zale phaeocapna</i>	Davidson: Cane Ridge Rd.	03-Apr-10	DTA
<i>Zale unilineata</i>	Davidson: Cane Ridge Rd.	28-Apr-10	DTA
<i>Parallelia bistriaris</i>	Davidson: Cane Ridge Rd.	11-May-10	DTA
<i>Spiloloma lunilinea</i>	Davidson: Cane Ridge Rd.	08-May-10	DTA
<i>Catocala amica</i>	Davidson: Cane Ridge Rd.	15-Jun-10	DTA
<i>Catocala connubialis</i>	Davidson: Cane Ridge Rd.	05-Jun-10	DTA
<i>Catocala ilia</i>	Davidson: Cane Ridge Rd.	24-Jun-10	DTA
<i>Catocala illecta</i>	Davidson: Cane Ridge Rd.	01-Jun-10	DTA
<i>Catocala innubens</i>	Davidson: Cane Ridge Rd.	16-Jun-10	DTA
<i>Catocala insolabilis</i>	Davidson: Cane Ridge Rd.	16-Jun-10	DTA
<i>Catocala minuta</i>	Davidson: Cane Ridge Rd.	07-Jun-10	DTA
<i>Catocala palaeogama</i>	Davidson: Cane Ridge Rd.	09-Aug-10	DTA
<i>Catocala robinsoni</i>	Davidson: Cane Ridge Rd.	25-Sep-10	DTA
<i>Catocala serena</i>	Davidson: Cane Ridge Rd.	18-Jul-10	DTA
<i>Catocala subnata</i>	Davidson: Cane Ridge Rd.	24-Jun-10	DTA
<i>Catocala ultronia</i>	Davidson: Cane Ridge Rd.	13-Jun-10	DTA
<i>Paectes oculatrix</i>	Davidson: Cane Ridge Rd.	08-May-10	DTA
<i>Eutelia pulcherrima</i>	Davidson: Cane Ridge Rd.	23-Apr-10	DTA
<i>Allagrapha aerea</i>	Davidson: Cane Ridge Rd.	21-May-10	DTA
<i>Eosphoropteryx thyatyroides</i>	Davidson: Cane Ridge Rd.	15-Jul-10	DTA
<i>Megalographa biloba</i>	Davidson: Cane Ridge Rd.	09-Jun-10	DTA
<i>Hyperstrotia secta</i>	Davidson: Cane Ridge Rd.	02-Jun-10	DTA
<i>Lithacodia muscosula</i>	Davidson: Cane Ridge Rd.	12-May-10	DTA
<i>Lithacodia musta</i>	Davidson: Cane Ridge Rd.	14-May-10	DTA
<i>Maliattha concinnimacula</i>	Davidson: Cane Ridge Rd.	30-Apr-10	DTA
<i>Maliattha synochitis</i>	Davidson: Cane Ridge Rd.	22-May-10	DTA
<i>Cerma cerintha</i>	Davidson: Cane Ridge Rd.	07-Jun-10	DTA
<i>Charadra deridens</i>	Davidson: Cane Ridge Rd.	04-Jun-10	DTA
<i>Acronicta afflicta</i>	Davidson: Cane Ridge Rd.	29-Apr-10	DTA
<i>Acronicta americana</i>	Davidson: Cane Ridge Rd.	27-Jul-10	DTA
<i>Acronicta increta</i>	Davidson: Cane Ridge Rd.	12-May-10	DTA
<i>Acronicta lobeliae</i>	Davidson: Cane Ridge Rd.	29-Apr-10	DTA
<i>Acronicta noctivaga</i>	Davidson: Cane Ridge Rd.	12-May-10	DTA
<i>Acronicta rubricoma</i>	Davidson: Cane Ridge Rd.	25-May-10	DTA
<i>Acronicta vinnula</i>	Davidson: Cane Ridge Rd.	04-Apr-10	DTA
<i>Agriopodes fallax</i>	Davidson: Cane Ridge Rd.	08-May-10	DTA
<i>Polygrammate hebraeicum</i>	Davidson: Cane Ridge Rd.	11-May-10	DTA
<i>Cucullia postera</i>	Davidson: Cane Ridge Rd.	02-May-10	DTA
<i>Homohadena infixa</i>	Davidson: Cane Ridge Rd.	11-May-10	DTA
<i>Adita chionanthi</i>	Davidson: Cane Ridge Rd.	19-Oct-10	DTA
<i>Amphipyra pyramidoides</i>	Davidson: Cane Ridge Rd.	16-Jun-10	DTA
<i>Psaphida electilis</i>	Davidson: Cane Ridge Rd.	03-Apr-10	DTA
<i>Psaphida grandis</i>	Davidson: Cane Ridge Rd.	11-Mar-10	DTA
<i>Psaphida resumens</i>	Davidson: Cane Ridge Rd.	02-Apr-10	DTA
<i>Psaphida rolandi</i>	Davidson: Cane Ridge Rd.	12-Mar-10	DTA
<i>Phosphila miselioides</i>	Davidson: Cane Ridge Rd.	05-May-10	DTA
<i>Basilodes pepita</i>	Davidson: Cane Ridge Rd.	15-Aug-10	DTA
<i>Pyrrhia umbra</i>	Davidson: Cane Ridge Rd.	10-May-10	DTA
<i>Ogdoconta cinereola</i>	Davidson: Cane Ridge Rd.	30-Apr-10	DTA
<i>Leuconycta diphteroides</i>	Davidson: Cane Ridge Rd.	13-Apr-10	DTA
<i>Callopietria floridensis</i>	Davidson: Cane Ridge Rd.	20-Sep-10	DTA
<i>Pseudeustrotia carneola</i>	Davidson: Cane Ridge Rd.	28-May-10	DTA
<i>Spodoptera dolichos</i>	Davidson: Cane Ridge Rd.	01-Jun-10	DTA
<i>Elaphria chalcedonia</i>	Davidson: Cane Ridge Rd.	25-Oct-10	DTA
<i>Elaphria georgei</i>	Davidson: Cane Ridge Rd.	02-Apr-10	DTA
<i>Chytonix palliatricula</i>	Davidson: Cane Ridge Rd.	30-Apr-10	DTA
<i>Oligia modica</i>	Davidson: Cane Ridge Rd.	23-Sep-10	DTA
<i>Bellura obliqua</i>	Davidson: Cane Ridge Rd.	27-Apr-10	DTA

Lithophane antennata	Davidson: Cane Ridge Rd.	13-Oct-10	DTA
Lithophane bethunei	Davidson: Cane Ridge Rd.	16-Oct-10	DTA
Lithophane signosa	Davidson: Cane Ridge Rd.	25-Oct-10	DTA
Lithophane unimoda	Davidson: Cane Ridge Rd.	13-Mar-10	DTA
Lithophane viridipallens	Davidson: Cane Ridge Rd.	12-Mar-10	DTA
Eupsilia vinulenta	Davidson: Cane Ridge Rd.	02-Nov-10	DTA
Orthosia alurina	Davidson: Cane Ridge Rd.	09-Mar-10	DTA
Orthosia garmani	Davidson: Cane Ridge Rd.	29-Mar-10	DTA
Crocigrapha normani	Davidson: Cane Ridge Rd.	04-Apr-10	DTA
Achatia distincta	Davidson: Cane Ridge Rd.	29-Mar-10	DTA
Morrisonia confusa	Davidson: Cane Ridge Rd.	23-Apr-10	DTA
Peridroma saucia	Davidson: Cane Ridge Rd.	31-May-10	DTA
Cerastis tenebrifera	Davidson: Cane Ridge Rd.	30-Mar-10	DTA
Choephora fungorum	Davidson: Cane Ridge Rd.	23-Oct-10	DTA
Agnorisma badinodis	Davidson: Cane Ridge Rd.	17-Oct-10	DTA
Agnorisma bollii	Davidson: Cane Ridge Rd.	18-Oct-10	DTA

## VIRGINIA

### Butterflies

#### PAPILIONIDAE

Eurytides marcellus	Fairfax: Chantilly	10-Apr-10	PT1
Eurytides marcellus	Shenandoah: Big Schloss	27-Jun-10	PT1
Battus philenor	Fauquier: Markham	11-Apr-10	PT1
Battus philenor	Shenandoah: Big Schloss	27-Jun-10	PT1
Battus philenor	Montgomery: Poverty Hollow	17-Jul-10	FXB
Papilio glaucus dfark females nectaring on Asclepias syriaca	Montgomery: Poverty Hollow	17-Jul-10	FXB
Papilio troilus	Montgomery: Poverty Hollow	17-Jul-10	FXB

#### PIERIDAE

Colias eurytheme common	Montgomery: Poverty Hollow	17-Jul-10	FXB
Pyrisitia lisa	Fairfax: Chantilly	08-Oct-10	PT1

#### LYCAENIDAE

Atlides halesus	Fairfax: Chantilly	06-Sep-10	PT1
Calycopis cecrops	Fairfax: Chantilly	25-Sep-10	PT1

#### NYMPHALIDAE

Lethe anthedon	Fauquier: Markham	11-Sep-10	PT1
Cercyonis pegala	Shenandoah: Big Schloss	27-Jun-10	14-Aug-10 PT1
Euptoieta claudia	Fairfax: Fair Lakes	10-Oct-10	PT1
Speyeria aphrodite	Shenandoah: Big Schloss	27-Jun-10	PT1
Speyeria atlantis	Shenandoah: Big Schloss	27-Jun-10	PT1
Speyeria cybele	Shenandoah: Big Schloss	27-Jun-10	PT1
Speyeria diana on Queen Anne's Lace	Montgomery: Poverty Hollow	17-Jul-10	FXB
Limnitis arthemis astyanax imbibing moisture	Montgomery: Poverty Hollow	17-Jul-10	FXB
Limnitis arthemis astyanax	Fauquier: Markham	11-Sep-10	PT1
Asterocampa celtis	Shenandoah: Big Schloss	27-Jun-10	PT1
Asterocampa celtis	Fauquier: Markham	11-Sep-10	PT1
Vanessa atalanta	Fairfax: Chantilly	15-May-10	PT1
Vanessa atalanta	Fauquier: Markham	22-May-10	11-Sep-10 PT1
Vanessa virginiensis	Fairfax: Chantilly	21-May-10	PT1
Vanessa virginiensis	Fauquier: Markham	11-Sep-10	PT1
Junonia coenia	Fairfax: Chantilly	24-Oct-10	PT1
Junonia coenia photo record by Jill Thompson	Accomack: Assateague Island	02-Nov-10	PT1

### Moths

#### SPHINGIDAE

Eumorpha fasciatus photo record by Karen Kester	CITY OF RICHMOND: Quarry Pond, Belle Isle	21-Sep-10	JPT
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**Zone 10 Northeast**

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

**Coordinator:** Mark J. Mello

**Contributors Cited:**

RB2 : Rick Borchelt  
 RD : Robert Dirig  
 BXH : Bill Hubick  
 MJM : Mark J. Mello  
 MS : Michael Sabourin  
 RHS : Richard H. Smith  
 TW : Thomas Wilson

FXB : Fred Bower  
 KG : Karl R. Gardner  
 KL : Kathleen Lathrop  
 HXP : Harry Pavulaan  
 JDS : John D. Schwartz  
 EHW : Ernest Williams

RC : Richard Cheicante  
 AG : Alex Grkovich  
 JTM : John T. MacRoy  
 RFR : Robert F. Ringler  
 DXS : Dan Small  
 DW2 : Darryl Willis

## CONNECTICUT

### Butterflies

#### HESPERIIDAE

Hylephila phyleus New Haven: Madison; Bauer Farm 08-Aug-10 AG  
 Fresh male.

#### PAPILIONIDAE

Papilio cressphontes New Haven: Guilford; Chaffinch Park 18-Jul-10 AG

Flyby; w/ Matt Arey

Papilio glaucus New Haven: Meriden; Hanging Hills 30-Apr-10 AG

First brood specimens.

Papilio glaucus New Haven: Madison; Bauer Farm 08-Aug-10 AG

Abundant, typical summer form; no dark females.

Papilio polyxenes New Haven: Meriden; Hanging Hills 30-Apr-10 AG

Early season specimens; extended yellow areas.

Papilio polyxenes New Haven: Madison; Bauer Farm 08-Aug-10 AG

Male, resembling nitra.

Papilio troilus New Haven: Meriden; Hanging Hills 30-Apr-10 AG

First brood specimens.

Papilio troilus New Haven: Madison; Bauer Farm 08-Aug-10 AG

Very common.

#### PIERIDAE

Anthocharis midae New Haven: Meriden; Hanging Hills 30-Apr-10 AG

South facing ridgetops, fewer seen than normal; w/ Matt Arey.

Anthocharis midae New Haven: North Branford; Bluff Head 30-Apr-10 AG

Much more common than at Hanging Hills.

#### LYCAENIDAE

Parrhasius m-album New Haven: Meriden; Hanging Hills 30-Apr-10 AG

One specimen observed.

#### NYMPHALIDAE

Libytheana carinenta New Haven : Guilford; Chaffinch Park 18-Jul-10 AG

w/ Matt Arey

Libytheana carinenta New Haven: Guilford; Chaffinch Park 08-Aug-10 AG

Both sexes common

Asterocampa celtis New Haven: Guilford; Jared Elliot 08-Aug-10 AG

2 males, perched high in host trees.

Asterocampa celtis New Haven: Guilford; Chaffinch Park 08-Aug-10 AG

Two males observed

Asterocampa clyton New Haven: Guilford; Chaffinch Park 18-Jul-10 AG

Several males flying at treetops; w/ Matt Arey

Asterocampa clyton New Haven: Guilford; Chaffinch Park 08-Aug-10 AG

Single female.

Junonia coenia New Haven: Madison; Bauer Farm 08-Aug-10 AG

Fresh specimens

## DELAWARE

### Butterflies

#### PIERIDAE

Anthocharis midae KENT: vic. Blackiston Wildlife Area, Clayton 15-Apr-10 RHS

## DISTRICT OF COLUMBIA

### Butterflies

#### NYMPHALIDAE

Chlosyne nycteis : Washington; Kenilworth Aquatic Gardens 31-May-10 RHS

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## MAINE

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### Butterflies

#### HESPERIIDAE

Hesperia comma Aroostook: N. of Crystal; dirt rd. n. of Fish Stream 10-Aug-10 RD  
nectaring at Spotted Knapweed

#### PAPILIONIDAE

Papilio polyxenes Knox: Camden; Camden Hills 11-Jul-10 AG  
Leg. Matt Arey; aberrant specimen

#### PIERIDAE

Pieris oleracea Oxford: Megalloway PLT; Dead Diamond Rd 23-May-10 AG  
Leg. Matt Arey

Pieris oleracea Oxford: Megalloway PLT; Dead Diamond Rd 05-Jun-10 AG  
Few seen, past peak specimens

Colias interior Oxford: Buckfield; Streaked Mtn 08-Jul-10 AG  
Both sexes, mmon at and near summit.

Colias philodice Aroostook: Crystal Fen 10-Aug-10 RD  
male nectaring at shrubby cinquefoil

#### LYCAENIDAE

Lycaena hyllus Lincoln: Monhegan Island 11-Aug-10 EHW  
one individual

Satyrium acadica Waldo: Unity 10-Jul-10 AG  
Leg. Matt Arey

Callophrys lanoraieensis Piscataquis: T1R9WELS; Lake Millinocket Bog 15-May-10 AG  
Mainly on fire road outside bog; one seen in bog itself.; w/ Matt Arey

Callophrys lanoraieensis Oxford: Adamstown PLT 23-May-10 AG  
larva; Leg. Matt Arey

#### NYMPHALIDAE

Cercyonis pegala Aroostook: Crystal Fen 10-Aug-10 RD  
worn female

Megisto cymela Oxford: Wilsons Mills; Bog along Rt. 16 05-Jun-10 AG  
2 fresh males; first time seen at this location.

Oeneis jutta Piscataquis: T1R9WELS; Lake Millinocket Bog 15-May-10 AG  
Single fresh male; leg. Matt Arey

Oeneis jutta Oxford: Wilsons Mills; Dead Diamond Bog 23-May-10 AG  
Leg. Matt Arey; few seen; poor flight in 2010.

Oeneis jutta Oxford: Wilsons Mills; Bog along Rt. 16 05-Jun-10 AG  
Single worn specimen.

Boloria selene Aroostook: Crystal Fen 10-Aug-10 RD

Boloria selene Lincoln: Monhegan Island; Cochrane's 13-Aug-10 EHW  
two individuals

Boloria eunomia Oxford: Wilsons Mills; Pit Road Bog 12-Jun-10 AG  
Single fresh male; only specimen of eunomia seen this season; leg. Matt Arey.

Limenitis archippus Aroostook: Crystal Fen 10-Aug-10 RD

Vanessa atalanta Aroostook: N. of Crystal; dirt rd. n. of Fish Stream 10-Aug-10 RD  
puddling at edge of stream

Nymphalis antiopa Aroostook: Crystal; Cow Team Rd. 10-Aug-10 RD  
puddling

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## MARYLAND

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### Butterflies

#### HESPERIIDAE

Pyrgus communis Anne Arundel: Crofton; Merkle WR 05-Sep-10 JDS

Polites themistocles ALLEGANY: Fifteen Mile Cr. Rd.-north section 07-Jul-01 RFR  
Bob Ringler

#### PAPILIONIDAE

Eurytides marcellus Anne Arundel: Crofton 08-Apr-10 05-Sep-10 JDS

Eurytides marcellus WICOMICO: Purnell Crossing Rd. at county line 14-May-10 BXH  
via RHS

Papilio glaucus Anne Arundel: Crofton 08-Apr-10 11-Sep-10 JDS

Papilio polyxenes Anne Arundel: Crofton; Merkle WR 04-May-10 JDS

Papilio troilus Anne Arundel: Crofton 16-May-10 JDS

Papilio troilus Anne Arundel: Crofton 14-Aug-10 JDS  
4th instar larva

#### PIERIDAE

Pontia protodice Anne Arundel: Crofton; Merkle WR 24-May-10 JDS

Pontia protodice via RHS	QUEEN ANNE'S: Chino Farms (grassland preserve)	11-Aug-10		DXS
Anthocharis midea	Anne Arundel: Crofton	08-Apr-10		JDS
Abaeis nicippe abundant	Anne Arundel: Crofton	06-Oct-10		JDS
<b>LYCAENIDAE</b>				
Callophrys niphon via RHS	HARFORD: vic. Leight Estuary Center, Abingdon	10-Apr-10		RC
<b>NYMPHALIDAE</b>				
Megisto cymela ALSO Jim Brighton and Tom Field; via RHS	CAROLINE: Little Philadelphia area, Idyllwild WMA	26-Jun-10		BXH
Agraulis vanillae via RHS	MONTGOMERY: Metro construction site, Silver Spring	22-Oct-09		HXP
Euptoieta claudia abundant	Anne Arundel: Crofton	09-Aug-10		JDS
Speyeria cybele	Anne Arundel: Crofton	24-May-10		JDS
Limenitis arthemis via RHS	WASHINGTON: Rohrserville	15-Sep-09		KL
Limenitis arthemis astyanax	Anne Arundel: Crofton	14-Jul-10		JDS
Asterocampa celtis via RHS	QUEEN ANNE'S: Chino Farms (grassland preserve)	17-Aug-09		DXS
Asterocampa clyton via RHS	KENT: Eastern Neck NWR	24-Jul-10		RB2
Vanessa atalanta	Anne Arundel: Crofton	15-May-10		JDS
Nymphalis antiopa via RHS	QUEEN ANNE'S: Chino Farms (grassland preserve)	11-Mar-07		DXS
Junonia coenia abundant	Anne Arundel: Crofton	26-Jul-10		JDS
Chlosyne nycteis via RHS	BALTIMORE CITY: Lower Herring Run Park	09-Sep-10		TW
<b>Moths</b>				
<b>SATURNIIDAE</b>				
Automeris io 1st instar larva on wild cherry, pupated 20 Aug	Anne Arundel: Crofton	05-Jul-10		JDS
Actias luna	Anne Arundel: Crofton	08-May-10	16-Aug-10	JDS
Actias luna 4th instar larva on sweet gum, pupated 3 Sep	Anne Arundel: Crofton	01-Sep-10		JDS

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## MASSACHUSETTS

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### Butterflies

#### HESPERIIDAE

Urbanus proteus Leg. Matt Arey, worn specimen.	Hampden: Longmeadow; Fanny Stebbins	07-Aug-10		AG
Poanes hobomok	Berkshire: Mt. Greylock	04-Jun-10		RD
Poanes zabulon Leg. Matt Arey.	Norfolk: Milton; Great Blue Hill	29-May-10		AG
Poanes zabulon Leg. Matt Arey	Dukes: Edgartown; Manuel rrelius SF	23-Jul-10		AG
Poanes zabulon Leg. Matt Arey	Hampden: Longmeadow; Fannie Stebbins	07-Aug-10		AG
Poanes zabulon single male	Suffolk: Milton; Fowl Meadow	21-Aug-10		AG

#### PAPILIONIDAE

Battus philenor Leg. Matt Arey	Dukes: Martha's Vineyard; Oak Bluffs	23-Jul-10		AG
Papilio canadensis	Berkshire: Mt. Greylock; Stony Ledge	04-Jun-10		RD
Papilio glaucus Leg. Matt Arey; dark female; possibly appalachiensis.	Norfolk: Milton; Blue Hills Reservation	29-May-10		AG
Papilio glaucus Leg. Matt Arey; dark female.	Essex: Salem; Forest Meadow Park	28-Aug-10		AG
Papilio polyxenes Leg. Matt Arey; aberrant specimen	Essex: N. Andover; Weir Hill	20-May-10		AG
Papilio troilus Fresh males.	Norfolk: Milton; Blue Hills Reservation	04-Jul-10		AG

#### LYCAENIDAE

Satyrium acadica Hairstreaks not numerous this season.	Middlesex: Woburn; Horn Pond Mtn	04-Jul-10		AG
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Parrhasius m-album Leg. Matt Arey	Norfolk: Milton; Great Blue Hill	24-Apr-10	AG
<b>NYMPHALIDAE</b>			
Coenonympha tullia inornata	Berkshire: Mt. Greylock; Stony Ledge	04-Jun-10	RD
Euptoieta claudia Single specimen; leg. Matt Arey	Dukes: Martha's Vineyard; Edgartown	23-Jul-10	AG
Nymphalis antiopa	Berkshire: Mt. Greylock; Stony Ledge	04-Jun-10	RD
<b>Moths</b>			
<b>HEPIALIDAE</b>			
Korscheltellus gracilis 50+ individuals between two uv light traps	Berkshire: Mount Greylock; North Adams	21-Jul-10	MJM
<b>GEOMETRIDAE</b>			
Alsophila pometaria resting on window from night before - first/last moth of 2011 and 2010 respectively	Bristol: Dartmouth; Lloyd Center for the Environment	01-Jan-11	MJM
Lycia ypsilon one individual in uv light trap	BARNSTABLE: Bourne; Massachusetts Military Reservation	03-May-10	MJM
<b>SPHINGIDAE</b>			
Hemaris gracilis 1 female looking for oviposition site being harassed by 1 (suspected) male	BARNSTABLE: Bourne; Massachusetts Military Reservation	04-May-10	MJM
<b>NOCTUIDAE</b>			
Hypena atomaria mercury vapor lighted sheet - single individual	BERKSHIRE: Pittsfield; Pittsfield State Forest	04-Jun-10	MJM
Catocala flebilis early record	Middlesex: Holliston	21-Jul-10	DW2
Catocala lacrymosa	MIDDLESEX: Holliston	09-Aug-10	DW2
Catocala relecta early record	Middlesex: Holliston	21-Jul-10	DW2
Catocala vidua early record	Middlesex: Holliston	21-Jul-10	DW2
Acronicta fragilis uv trap	Berkshire: Mt. Greylock; Adams and Williamstown	05-Jun-10	MJM
Apamea unanimitas uv trap	BRISTOL: Fall River; Freetown/Fall River State Forest	11-Jun-10	MJM

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## NEW HAMPSHIRE

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### Butterflies

#### PAPILIONIDAE

Papilio polyxenes Leg. Matt Arey; female. Near machaon	Grafton: Near Huntington Mt.	04-Jul-10	AG
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#### PIERIDAE

Colias interior nectaring at aster	Coos: Mt. Washington; Craigway Spring	08-Aug-10	RD
Colias philodice	Coos: 6.5 mi. west of Gorham	05-Aug-10	RD

#### LYCAENIDAE

Lycaena epixanthe Leg. Matt Arey	Carroll: Ossipee; Roadside bog off Rt. 16N	04-Jul-10	AG
Lycaena phlaeas	Coos: 6.5 mi. west of Gorham	05-Aug-10	RD

#### NYMPHALIDAE

Danaus plexippus	Coos: Pinkham NotchAMC headquarters	05-Aug-10	RD
Coenonympha tullia	Coos: 6.5 mi. west of Gorham	05-Aug-10	RD
Cercyonis pegala Single male.	Coos: Pinkham Notch	05-Aug-10	AG
Speyeria atlantis	Coos: Jefferson, Pondicherry Wildlife Refuge	07-Aug-10	RD
Speyeria atlantis nectaring at orange hawkweed	Coos: Mt. Washington	08-Aug-10	RD
Boloria selene patrolling males	Coos: 6.5 mi. west of Gorham	05-Aug-10	RD
Limnitis archippus	Coos: Jefferson, Pondicherry Wildlife Refuge	07-Aug-10	RD
Vanessa atalanta nectaring at aster	Coos: Mt. Washington; Craigway Spring	08-Aug-10	RD
Vanessa virginiensis nectaring at aster	Coos: Mt. Washington; Craigway Spring	08-Aug-10	RD
Aglais milberti	Coos: Jefferson, Pondicherry Wildlife Refuge	07-Aug-10	RD
Aglais milberti nectaring at alpine goldenrod and aster	Coos: Mt. Washington; Craigway Spring	08-Aug-10	RD
Nymphalis antiopa fresh adult flushed inlight rain	Coos: Second Connecticut Lake, Scott's Bog Road	07-Aug-10	RD

<i>Nymphalis antiopa</i> Hyperborea phenotype; mmon.	Coos: Pittsburg; East Inlet Rd	15-Aug-10		AG
<i>Polygonia gracilis</i> Along fire road outside of bog; leg. Matt Arey.	Piscataquis: T1R9WELS; Lake Millinocket Bog	15-May-10		AG
<i>Polygonia gracilis</i> One male; scarce again this season at this location; w/ Matt Arey.	Coos: Pittsburg; East Inlet Rd	15-Aug-10		AG
<i>Polygonia progne</i> Scarce again this season at this location; w/ Matt Arey.	Coos: Pittsburg; East Inlet Rd	15-Aug-10		AG
<i>Chlosyne harrisii</i> abundant larval nests on <i>Aster umbellatus</i>	Coos: Jefferson, Pondicherry Wildlife Refuge	07-Aug-10		RD

## NEW YORK

### Butterflies

#### HESPERIIDAE

<i>Epargyreus clarus</i>	Chemung: edge of Chemung River, N. of Chemung	16-May-10		RD
<i>Epargyreus clarus</i>	Tompkins: Ithaca; in gardens	17-Aug-10	23-Sep-10	RD
<i>Erynnis baptisiae</i>	Tompkins: Ithaca; old fields	15-Jul-10	24-Sep-10	RD
<i>Erynnis baptisiae</i>	Schuyler: Rock Cabin Rd. near Montour Falls	17-Jul-10	11-Sep-10	RD
<i>Erynnis juvenalis</i>	Chemung: Steege Hills S. of Big Flats	02-May-10	16-May-10	RD
<i>Erynnis juvenalis</i>	Tompkins: Shindagin Hollow	07-May-10		RD
<i>Erynnis zarucco</i> early record	Niagara: Lockport; State Rd.	29-Apr-10		FXB
<i>Pyrgus communis</i> female	Tompkins: MacDaniel Meadow	18-Jul-10		RD
<i>Pyrgus communis</i>	Tompkins: Ithaca; in gardens	01-Sep-10	10-Sep-10	RD
<i>Ancyloxypha numitor</i>	Erie: Akron; Akron Park	30-May-10		FXB
<i>Ancyloxypha numitor</i>	Essex: Port Kent on Lake Champlain beach	04-Aug-10		RD
<i>Ancyloxypha numitor</i>	Tompkins: Ithaca; in flower garden	15-Sep-10		RD
<i>Polites peckius</i> extremely late record	Tompkins: Ithaca; in garden	27-Oct-10		RD
<i>Poanes hobomok</i>	Chemung: Steege Hills S. of Big Flats	16-May-10		RD
<i>Poanes hobomok</i> female	Niagara: Lockport; Gulf area	23-May-10		FXB
<i>Poanes massasoit</i>	Tompkins: McClean Bogs Preserve; in fens	27-Jun-10	11-Jul-10	RD
<i>Poanes viator</i> female	Niagara: Lockport; field on Day Rd.	12-Jul-10		FXB
<i>Euphyes dion</i>	Schuyler: Queen Catharine Marsh near Montour Falls	17-Jul-10		RD
<i>Euphyes dion</i>	Tompkins: McClean Bogs Preserve; in fen	18-Jul-10		RD

#### PAPILIONIDAE

<i>Battus philenor</i> nectaring in butterfly garden, including on Coneflower; possibly samre individual	Cattaraugus: Olean; 1278 Kamery Rd.	29-Jun-10	20-Jul-10	JTM
<i>Papilio canadensis</i> three	Oneida: Utica	25-Jun-10		EHW
<i>Papilio cressphontes</i> reported by Yvonne Merriam and John Hanyak respectively	Onondaga: Baldwinsville and Marcellus	17-May-10	07-Aug-10	RD
<i>Papilio cressphontes</i> males	Niagara: Lockport	20-May-10		FXB
<i>Papilio cressphontes</i> reported by Steven Daniel	Monroe: Brookdale Preserve; Genesee Land Trust	25-May-10		RD
<i>Papilio cressphontes</i> reported by Steven Daniel	Livingston: Caledonia wetlands; Genesee Land Trust properties	25-May-10	28-Jul-10	RD
<i>Papilio cressphontes</i> reported by Steven Daniel	Genesee: Bergen Swamp	01-Jul-10	13-Jul-10	RD
<i>Papilio cressphontes</i> reported by Gerry Lemmo and Larry Alden	Albany: Cohoes; Guilderland	18-Jul-10	22-Jul-10	RD
<i>Papilio cressphontes</i> reported by Colleen Wolper	Tioga: Apalachin and Owego	09-Aug-10	16-Aug-10	RD
<i>Papilio cressphontes</i> larvae on <i>Zanthoxylum americanum</i>	Tompkins: near Freeville	06-Sep-10	18-Sep-10	RD
<i>Papilio glaucus</i> incl. being attacked by <i>Nymphalis antiopa</i> when it tried to nectar at elderberry blossoms	Niagara: Lockport	24-Apr-10	29-Apr-10	FXB
<i>Papilio polyxenes</i> female nectaring at <i>Polygala paucifolia</i>	Chemung: Steege Hills S. of Big Flats	05-May-10		RD

#### PIERIDAE

<i>Pieris virginiensis</i> early record	Tompkins: McClean Bogs Preserve	11-Apr-10		RD
<i>Pieris virginiensis</i>	Tompkins: Shindagin Hollow	07-May-10	14-May-10	RD
<i>Colias philodice</i>	Jefferson: Limerick Cedars and Chaumont alvar barrens	28-Aug-10	19-Sep-10	RD

Colias philodice late record	Tompkins: Ithaca	23-Nov-10		RD
<b>LYCAENIDAE</b>				
Lycaena epixanthe	Tompkins: McClean Bogs Preserve	27-Jun-10	11-Jul-10	RD
Lycaena epixanthe abundant	Chenango: Jam Pond Bog	05-Jul-10		RD
Lycaena hyllus 2 -3 late season females	Schuyler: Rock Cabin Rd. near Montour Falls	10-Oct-10		RD
Satyrrium calanus two individuals	Oneida: Utica	25-Jun-10		EHW
Satyrrium titus	Chenango: Jam Pond Bog	05-Jul-10		RD
Strymon melinus male nectaring at Aster pilosus; rare in this region	Schuyler: Rock Cabin Rd. near Montour Falls	10-Oct-10		RD
Erora laeta fresh male puddling	Tompkins: Shindagin Hollow	05-May-10		RD
Celastrina neglecta	Delaware: Hancock Town, French Woods	20-Jun-10		RD
Celastrina neglecta late record	Jefferson: Limerick Cedars alvar barrens	19-Sep-10		RD
Celastrina serotina very early males	Tompkins: McClean Bogs Preserve	11-Apr-10		RD
<b>NYMPHALIDAE</b>				
Libytheana carinenta fresh	Niagara: Lockport; W. Jackson St.	25-Jun-10		FXB
Libytheana carinenta fresh males puddling	Schuyler: Rock Cabin Rd.	17-Jul-10		RD
Danaus plexippus early record	Tompkins: McClean Bogs Preserve	25-May-10		RD
Danaus plexippus	Tompkins: Ithaca; in garden	27-Aug-10		RD
Danaus plexippus	Jefferson: Limerick Cedars alvar barrens	28-Aug-10		RD
Danaus plexippus very late migrant	Schuyler: Rock Cabin Rd. near Montour Falls	13-Nov-10		RD
Coenonympha tullia	Erie: Clarence; Stahley Rd.	25-May-10		FXB
Coenonympha tullia	Delaware: Hancock Town, French Woods	20-Jun-10		RD
Coenonympha tullia	Tompkins: Ithaca; McClean Bogs Preserve	26-Jul-10	31-Jul-10	RD
Coenonympha tullia	Schuyler: Rock Cabin Rd. near Montour Falls	28-Jul-10		RD
Coenonympha tullia	Jefferson: Limerick Cedars and Chaumont alvar barrens	28-Aug-10	29-Aug-10	RD
Coenonympha tullia	Franklin: Bloomingdale Bog	29-Aug-10		RD
Megisto cymela hundreds, flying low and slow	Niagara: Lockport; W. Jackson St.	25-May-10		FXB
Oeneis jutta reported by Bernie Carr & Peter O'Shea	St. Lawrence: Streeter Pond Bog S of Star Lake	30-May-10		RD
Speyeria aphrodite	Tompkins: MacDaniel Meadow	03-Jul-10		RD
Speyeria aphrodite	Jefferson: Chaumont alvar barrens	31-Aug-10	19-Sep-10	RD
Speyeria atlantis	Chenango: Jam Pond Bog	05-Jul-10		RD
Speyeria atlantis	Franklin: Bloomingdale Bog N of Saranac Lake	29-Aug-10		RD
Speyeria cybele very early data	Tompkins: McClean Bogs Preserve	01-Jun-10		RD
Boloria selene	Franklin: Bloomingdale Bog N of Saranac Lake	29-Aug-10		RD
Limnitis archippus	Jefferson: Limerick Cedars alvar barrens	28-Aug-10		RD
Limnitis archippus	Jefferson: Chaumont alvar barrens	31-Aug-10	19-Sep-10	RD
Limnitis archippus	Onondaga: Marcellus; Baltimore Woods	08-Oct-10		RD
Asterocampa celtis	Schuyler: Rock Cabin Rd.	11-Sep-10		RD
Asterocampa clyton	Schuyler: Rock Cabin Rd.	17-Jul-10	28-Jul-10	RD
Vanessa atalanta many flying north; reported by Willie D'Anna	Niagara: Wilson	01-May-10		RD
Vanessa atalanta high numbers; reports from Bill Evans and M. Haribal	Tompkins: Ithaca and 9 mi. S of Ithaca	15-May-10	20-May-10	RD
Vanessa atalanta thick everywhere except dark woods; reported by Sue & John Gregoire	Schuyler:	16-May-10		RD
Vanessa atalanta 10 individuals; big flight year	Oneida: Rome Sand Plains	16-May-10		EHW
Vanessa atalanta "everywhere"	Chemung: Steegee Hills	16-May-10		RD
Vanessa atalanta good numbers reported by Colleen Wolpert	Broome: Rt. 17 and other E-W roads	21-May-10		RD
Vanessa atalanta good numbers reported by Colleen Wolpert	Tioga: Rt. 17 and other E-W roads	21-May-10		RD
Vanessa virginienensis	Chemung: Steegee Hills S. of Big Flats	16-May-10		RD



Vanessa virginiensis late migrant	Tompkins: Ithaca; in garden	02-Oct-10	RD
Nymphalis antiopa early record	Tompkins: McClean Bogs Preserve	20-Mar-10	RD
Polygonia comma	Erie: Getzville; Canal Path	18-Mar-10	FXB
Polygonia comma puddling male	Onondaga: Marcellus; Baltimore Woods	08-Oct-10	RD
Polygonia progne early record	Tompkins: McClean Bogs Preserve	20-Mar-10	RD
Polygonia progne fresh	Niagara: Lockport; N. Neden Lane	27-Jun-10	FXB
Polygonia progne	Franklin: Bloomingdale Bog N of Saranac Lake	29-Aug-10	RD
Polygonia progne	Schuyler: Rock Cabin Rd. near Montour Falls	10-Oct-10	RD
Junonia coenia nectaring on white clover; worn	Cattaraugus: Olean; 1278 Kamery Rd.	23-Jul-10	JTM
Chlosyne harrisii larval nests on Aster umbellatus	Tompkins: McClean Bogs Preserve	11-Jul-10	RD
Chlosyne harrisii larval nests on Aster umbellatus	Franklin: Bloomingdale Bog N of Saranac Lake	03-Aug-10	RD

## Moths

### SATURNIIDAE

Antheraea polyphemus late record; southern stray or (doubtful) second brood	Niagara: Lockport; Plaza parking lot	01-Aug-10	FXB
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### SPHINGIDAE

Amphion floridensis nectaring on phlox	Niagara: Lockport; Gulf area	23-May-10	FXB
Darapsa myron	Niagara: Lockport; Sunset Dr.	24-May-10	FXB

## PENNSYLVANIA

### Butterflies

#### HESPERIIDAE

Atrytonopsis hianna	Berks: Reading	07-May-10	KG
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#### PAPILIONIDAE

Papilio cressphontes adult, and eggs on Xanthoxylum americanum	Berks: Fleetwood	23-Sep-10	KG
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#### PIERIDAE

Abaeis nicippe	Berks: Bernville	23-Jul-10	KG
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#### LYCAENIDAE

Satyrrium edwardsii	Berks: Straustown	19-Jul-10	KG
Callophrys augustinus	Berks: Eckville	10-Apr-10	KG
Callophrys augustinus	Berks: Reading	24-Apr-10	07-May-10 KG
Calycopis cecrops	Berks: Reading/Fleetwood	24-Apr-10	08-Oct-10 KG
Parrhasius m-album	Schuylkill: St. Clair	16-May-10	KG
Parrhasius m-album	Berks: Reading	10-Sep-10	02-Oct-10 KG

#### NYMPHALIDAE

Libytheana carinenta eggs and larvae on Celtis tenuifolia	Berks: Fleetwood	06-May-10	08-Aug-10 KG
Aglais milberti	Berks: Reading	23-May-10	KG
Polygonia progne	Berks: Eckville	21-Mar-10	24-Jul-10 KG
Junonia coenia larvae on planted Agalinis purpurea and native Linaria canadensis	Berks: Reading area	07-Jul-10	08-Oct-10 KG

## Moths

### NOCTUIDAE

Catocala piatrix	Berks: Fleetwood	18-Sep-10	KG
Abrostola ovalis	BERKS: Fleetwood	26-Jul-10	KG
Eosphoropteryx thyatyroides	BERKS: Fleetwood	26-Aug-10	KG

## RHODE ISLAND

### Butterflies

#### HESPERIIDAE

Erynnis funeralis Leg. Matt Arey; single specimen.	Washington: Westerly; Avondale Preserve	25-Sep-10	AG
Lerema accius Leg. Matt Arey; single specimen.	Washington: Charlestown; Ninigret Park	11-Sep-10	AG
Hylephila phyleus Leg. Matt Arey	Washington: Westerly; Avondale Preserve	04-Sep-10	25-Sep-10 AG

Atalopedes campestris Leg. Matt Arey	Washington: Westerly; Avondale Preserve	04-Sep-10	10-Oct-10	AG
Atalopedes campestris w/ Matt Arey	Washington: Charlestown; Ninigret Park	11-Sep-10		AG
Panoquina ocola Leg. Matt Arey; two specimens.	Washington: Westerly; Avondale Preserve	04-Sep-10		AG
<b>PAPILIONIDAE</b>				
Battus philenor pupa; Leg. Matt Arey	Washington: Hopkinton; Blue Pond	25-Sep-10		AG
Papilio crespontes Flyby; w/ Matt Arey	Washington: Charlestown; Ninigret Park	11-Sep-10		AG
<b>PIERIDAE</b>				
Pontia protodice Leg. Matt Arey	Washington: Westerly; Avondale Preserve	04-Sep-10		AG
Phoebis sennae Leg. Matt Arey	Washington: Westerly; Avondale Preserve	04-Sep-10	25-Sep-10	AG
Phoebis sennae Leg. Mat Arey	Washington: Charlestown; Ninigret Park	11-Sep-10		AG
<b>LYCAENIDAE</b>				
Parrhasius m-album Leg. Matt Arey	Washington: Westerly; Avondale Preserve	04-Sep-10	06-Sep-10	AG
Parrhasius m-album Matt Arey - observed.	Washington: Charlestown; Ninigret Park	11-Sep-10		AG
<b>NYMPHALIDAE</b>				
Libytheana carinenta Leg. Matt Arey	Washington: Westerly; Avondale Preserve	04-Sep-10		AG
Euptoieta claudia Leg. Matt Arey	Washington: Charlestown; Ninigret Park	18-Sep-10		AG
Euptoieta claudia Leg. Matt Arey	Washington: Westerly; Avondale Preserve	25-Sep-10		AG
Euptoieta claudia Leg. Matt Arey; abundant.	Washington: Hopkinton; Blue Pond	25-Sep-10		AG
Asterocampa celtis Leg. Matt Arey; single fresh female.	Washington: Westerly; Avondale Preserve	25-Sep-10		AG
<b>Moths</b>				
<b>SPHINGIDAE</b>				
Hyles lineata Leg. Matt Arey	Washington: Charlestown; Ninigret Park	18-Sep-10		AG

## VERMONT

### Moths

#### GEOMETRIDAE

Metarranthis indeclinata diurnal female	Rutland: West Haven; Buckner Preserve	29-May-10		MS
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## Zone 11 Mexico

## Mexico & the Caribbean Islands

**Coordinator:** Isabel Vargas Fernandez

### Contributors Cited:

A&G : Marisol Almaraz & Jose Gutierrez

KRB : Ken R. Bliss

### General Comments:

Marisol Esther Almaraz Almaraz & José Luis Salinas Gutiérrez reported butterflies species from Copalita de Cerro León, San Mateo Piñas, District Pochutla, Oaxaca, México, with extreme coordinates N 15°58'03" W 96°23'44" and an altitude range that goes from 850 to 1200 meters above sea level. In the Sierra Madre del Sur approximately 220 km from the capital. The wheater of the region is warm and humid, temperatures averaging 20 ° C, and average rainfall is 2692 mm. The types of vegetation in the locality are cloud forest, Pine-Oak Forest and rain forest. They found a total of 135 species, distributed across June to November in 2008. To date, a total 7 Papilionidae, 23 Pieridae, 91 Nymphalidae , 8 Lycaenidae, and 6 Riodinidae.

## OAXACA

### Butterflies

#### PAPILIONIDAE

Mimoides phaon coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level	OAXACA: Copalita de Cerro León, San Mateo Piñas	23-Jul-08		A&G
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Mimoides phaon	OAXACA: Copalita de Cerro León, San Mateo Piñas	16-Nov-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Parides erithalion polyzelus	OAXACA: Copalita de Cerro León, San Mateo Piñas	28-Sep-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Parides erithalion polyzelus	OAXACA: Copalita de Cerro León, San Mateo Piñas	25-Oct-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Parides montezuma	OAXACA: Copalita de Cerro León, San Mateo Piñas	26-Oct-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Papilio erostratus vazquezae	OAXACA: Copalita de Cerro León, San Mateo Piñas	23-Oct-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Papilio erostratus vazquezae	OAXACA: Copalita de Cerro León, San Mateo Piñas	16-Nov-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Papilio menatius morelius	OAXACA: Copalita de Cerro León, San Mateo Piñas	25-Oct-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Papilio pilumnus	OAXACA: Copalita de Cerro León, San Mateo Piñas	19-Jul-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Papilio pilumnus	OAXACA: Copalita de Cerro León, San Mateo Piñas	23-Aug-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Papilio thoas autocles	OAXACA: Copalita de Cerro León, San Mateo Piñas	19-Jul-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Papilio thoas autocles	OAXACA: Copalita de Cerro León, San Mateo Piñas	24-Aug-08	26-Aug-08	A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Papilio thoas autocles	OAXACA: Copalita de Cerro León, San Mateo Piñas	26-Sep-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Papilio thoas autocles	OAXACA: Copalita de Cerro León, San Mateo Piñas	16-Nov-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				

#### PIERIDAE

Dismorphia amphione isolda	OAXACA: Copalita de Cerro León, San Mateo Piñas	21-Jul-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Dismorphia amphione isolda	OAXACA: Copalita de Cerro León, San Mateo Piñas	25-Aug-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Dismorphia amphione isolda	OAXACA: Copalita de Cerro León, San Mateo Piñas	24-Sep-08	27-Sep-08	A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Dismorphia amphione isolda	OAXACA: Copalita de Cerro León, San Mateo Piñas	21-Oct-08	26-Oct-08	A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Dismorphia amphione isolda	OAXACA: Copalita de Cerro León, San Mateo Piñas	17-Nov-08	18-Nov-08	A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Enantia mazai	OAXACA: Copalita de Cerro León, San Mateo Piñas	22-Aug-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Enantia mazai	OAXACA: Copalita de Cerro León, San Mateo Piñas	28-Sep-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Enantia mazai	OAXACA: Copalita de Cerro León, San Mateo Piñas	23-Oct-08	26-Oct-08	A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Enantia mazai	OAXACA: Copalita de Cerro León, San Mateo Piñas	15-Nov-08	18-Nov-08	A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Catasticta flisa	OAXACA: Copalita de Cerro León, San Mateo Piñas	23-Oct-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Catasticta flisa	OAXACA: Copalita de Cerro León, San Mateo Piñas	16-Nov-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Glutophrissa drusilla tenuis	OAXACA: Copalita de Cerro León, San Mateo Piñas	24-Aug-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Glutophrissa drusilla tenuis	OAXACA: Copalita de Cerro León, San Mateo Piñas	18-Nov-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Leptophobia aripa elodia	OAXACA: Copalita de Cerro León, San Mateo Piñas	23-Aug-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Leptophobia aripa elodia	OAXACA: Copalita de Cerro León, San Mateo Piñas	26-Sep-08	28-Sep-08	A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Leptophobia aripa elodia	OAXACA: Copalita de Cerro León, San Mateo Piñas	21-Oct-08	25-Oct-08	A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Leptophobia aripa elodia	OAXACA: Copalita de Cerro León, San Mateo Piñas	16-Nov-08	17-Nov-08	A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Ascia monuste	OAXACA: Copalita de Cerro León, San Mateo Piñas	25-Aug-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Ganyra josephina josepha	OAXACA: Copalita de Cerro León, San Mateo Piñas	18-Jul-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Zerene cesonia	OAXACA: Copalita de Cerro León, San Mateo Piñas	23-Oct-08	25-Oct-08	A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Phoebis agarithe fisheri	OAXACA: Copalita de Cerro León, San Mateo Piñas	18-Jul-08	23-Jul-08	A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				





<i>Celastrina ladon gozora</i>	OAXACA: Copalita de Cerro León, San Mateo Piñas	17-Jul-08	24-Jul-08	A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
<i>Celastrina ladon gozora</i>	OAXACA: Copalita de Cerro León, San Mateo Piñas	26-Aug-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
<i>Celastrina ladon gozora</i>	OAXACA: Copalita de Cerro León, San Mateo Piñas	26-Sep-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
<i>Celastrina ladon gozora</i>	OAXACA: Copalita de Cerro León, San Mateo Piñas	24-Oct-08	26-Oct-08	A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
<i>Celastrina ladon gozora</i>	OAXACA: Copalita de Cerro León, San Mateo Piñas	17-Nov-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
<b>RIODINIDAE</b>				
<i>Euselasia hieronymi</i>	OAXACA: Copalita de Cerro León, San Mateo Piñas	25-Oct-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
<i>Mesosemia lamachus</i>	OAXACA: Copalita de Cerro León, San Mateo Piñas	26-Jun-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
<i>Mesosemia lamachus</i>	OAXACA: Copalita de Cerro León, San Mateo Piñas	19-Jul-08	24-Jul-08	A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
<i>Mesosemia lamachus</i>	OAXACA: Copalita de Cerro León, San Mateo Piñas	23-Aug-08	28-Aug-08	A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
<i>Mesosemia lamachus</i>	OAXACA: Copalita de Cerro León, San Mateo Piñas	24-Sep-08	28-Sep-08	A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
<i>Mesosemia lamachus</i>	OAXACA: Copalita de Cerro León, San Mateo Piñas	24-Oct-08	25-Oct-08	A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
<i>Mesosemia lamachus</i>	OAXACA: Copalita de Cerro León, San Mateo Piñas	19-Nov-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
<i>Rhetus arcius beutelspacheri</i>	OAXACA: Copalita de Cerro León, San Mateo Piñas	23-Aug-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
<i>Melanis pixe</i>	OAXACA: Copalita de Cerro León, San Mateo Piñas	21-Jul-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
<i>Melanis pixe</i>	OAXACA: Copalita de Cerro León, San Mateo Piñas	23-Aug-08	28-Aug-08	A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
<i>Melanis pixe</i>	OAXACA: Copalita de Cerro León, San Mateo Piñas	26-Sep-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
<i>Melanis pixe</i>	OAXACA: Copalita de Cerro León, San Mateo Piñas	21-Oct-08	24-Oct-08	A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
<i>Melanis pixe</i>	OAXACA: Copalita de Cerro León, San Mateo Piñas	17-Nov-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
<i>Lasaia agesilas callaina</i>	OAXACA: Copalita de Cerro León, San Mateo Piñas	25-Oct-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
<i>Theope eupolis</i>	OAXACA: Copalita de Cerro León, San Mateo Piñas	22-Oct-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
<b>NYMPHALIDAE</b>				
<i>Danaus eresimus montezuma</i>	OAXACA: Copalita de Cerro León, San Mateo Piñas	19-Jul-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
<i>Danaus eresimus montezuma</i>	OAXACA: Copalita de Cerro León, San Mateo Piñas	24-Aug-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
<i>Danaus gilippus thersippus</i>	OAXACA: Copalita de Cerro León, San Mateo Piñas	25-Oct-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
<i>Danaus gilippus thersippus</i>	OAXACA: Copalita de Cerro León, San Mateo Piñas	18-Nov-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
<i>Lycorea halia atergatis</i>	OAXACA: Copalita de Cerro León, San Mateo Piñas	18-Nov-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
<i>Lycorea ilione albescens</i>	OAXACA: Copalita de Cerro León, San Mateo Piñas	23-Oct-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
<i>Lycorea ilione albescens</i>	OAXACA: Copalita de Cerro León, San Mateo Piñas	17-Nov-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
<i>Tithorea harmonia hippothous</i>	OAXACA: Copalita de Cerro León, San Mateo Piñas	26-Aug-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
<i>Tithorea harmonia hippothous</i>	OAXACA: Copalita de Cerro León, San Mateo Piñas	25-Oct-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
<i>Melinaea liliis imitata</i>	OAXACA: Copalita de Cerro León, San Mateo Piñas	23-Aug-08	26-Aug-08	A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
<i>Melinaea liliis imitata</i>	OAXACA: Copalita de Cerro León, San Mateo Piñas	27-Sep-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
<i>Melinaea liliis imitata</i>	OAXACA: Copalita de Cerro León, San Mateo Piñas	25-Oct-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
<i>Tithorea tarricina duenna</i>	OAXACA: Copalita de Cerro León, San Mateo Piñas	23-Aug-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				

















Tegosa guatemalena	OAXACA: Copalita de Cerro León, San Mateo Piñas	15-Nov-08	18-Nov-08	A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Anthanassa tulcis	OAXACA: Copalita de Cerro León, San Mateo Piñas	28-Sep-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Diaethria anna mixteca	OAXACA: Copalita de Cerro León, San Mateo Piñas	17-Jul-08	24-Jul-08	A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Diaethria anna mixteca	OAXACA: Copalita de Cerro León, San Mateo Piñas	23-Aug-08	26-Aug-08	A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Diaethria anna mixteca	OAXACA: Copalita de Cerro León, San Mateo Piñas	26-Sep-08	28-Sep-08	A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Diaethria anna mixteca	OAXACA: Copalita de Cerro León, San Mateo Piñas	23-Oct-08	26-Oct-08	A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Diaethria anna mixteca	OAXACA: Copalita de Cerro León, San Mateo Piñas	15-Nov-08	18-Nov-08	A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Diaethria astala asteroide	OAXACA: Copalita de Cerro León, San Mateo Piñas	17-Jul-08	24-Jul-08	A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Diaethria astala asteroide	OAXACA: Copalita de Cerro León, San Mateo Piñas	23-Aug-08	26-Aug-08	A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Diaethria astala asteroide	OAXACA: Copalita de Cerro León, San Mateo Piñas	26-Sep-08	28-Sep-08	A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Diaethria astala asteroide	OAXACA: Copalita de Cerro León, San Mateo Piñas	23-Oct-08	26-Oct-08	A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Diaethria astala asteroide	OAXACA: Copalita de Cerro León, San Mateo Piñas	10-Nov-08	17-Nov-08	A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Cyclogramma pandama	OAXACA: Copalita de Cerro León, San Mateo Piñas	24-Oct-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Cyclogramma pandama	OAXACA: Copalita de Cerro León, San Mateo Piñas	17-Nov-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Euptychia fetna	OAXACA: Copalita de Cerro León, San Mateo Piñas	17-Jul-08	24-Jul-08	A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Euptychia fetna	OAXACA: Copalita de Cerro León, San Mateo Piñas	23-Aug-08	28-Aug-08	A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Euptychia fetna	OAXACA: Copalita de Cerro León, San Mateo Piñas	26-Sep-08	28-Sep-08	A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Euptychia fetna	OAXACA: Copalita de Cerro León, San Mateo Piñas	24-Oct-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Euptychia fetna	OAXACA: Copalita de Cerro León, San Mateo Piñas	15-Nov-08	18-Nov-08	A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				
Cissia similis	OAXACA: Copalita de Cerro León, San Mateo Piñas	24-Oct-08		A&G
coordinates N 15°58'03" W 96°23'44", altitude range from 850 to 1200 meters above sea level				

## YUCATAN

### Butterflies

#### SATURNIIDAE

Molippa rosea	YUCATAN: Othón P. Blanco	21-Sep-09		KRB
10:00 PM, uv light				

### Moths

#### COSSIDAE

Aramos ramosa	YUCATAN: Othón P. Blanco	20-Sep-09		KRB
10:30 PM, uv light				
Morpheis xylotribus	YUCATAN: Othón P. Blanco	23-Sep-09		KRB
9:30 PM, uv light				

#### SPHINGIDAE

Manduca rustica	YUCATAN: Othón P. Blanco	21-Sep-09		KRB
10:00 PM, uv light				
Protambulyx strigilis	YUCATAN: Othón P. Blanco	21-Sep-09		KRB
12:15 AM, uv light				
Eumorpha satellitia	YUCATAN: Othón P. Blanco	21-Sep-09		KRB
10:15 PM, uv light				
Eumorpha vitis	YUCATAN: Othón P. Blanco	21-Sep-09		KRB
7:40 PM, uv light				
Xylophanes tersa	YUCATAN: Othón P. Blanco	24-Sep-09		KRB
1:00 AM, uv light				

#### NOTODONTIDAE

Crinodes besckei	YUCATAN: Othón P. Blanco	21-Sep-09		KRB
10:00 PM, uv light				

#### ARCTIIDAE

Neritos cotes 8:30 PM, uv light, female	YUCATAN: Othón P. Blanco	23-Sep-09	KRB
Lophocampa annulosa 9:10 PM, uv light	YUCATAN: Othón P. Blanco	20-Sep-09	KRB
Phaeomolis vampa 7:45 PM, uv light, female	YUCATAN: Othón P. Blanco	23-Sep-09	KRB
Horama panthalon 11:30 PM, uv light	YUCATAN: Othón P. Blanco	20-Sep-09	KRB
<b>NOCTUIDAE</b>			
Ascalapha odorata 8:00 PM, baited tree, female	YUCATAN: Othón P. Blanco	21-Sep-09	KRB
Gonodonta pyrgo 10:00 PM, uv light	YUCATAN: Othón P. Blanco	21-Sep-09	KRB
Hypocala andremona 10:00 PM, uv light	YUCATAN: Othón P. Blanco	21-Sep-09	KRB
Metria aperta 7:20 PM, baited tree	YUCATAN: Othón P. Blanco	21-Sep-09	KRB
Diphthera festiva 8:00 PM, uv light	YUCATAN: Othón P. Blanco	21-Sep-09	KRB

### 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**

# Season Summary Zone Coordinators

## Chief Season Summary Coordinator and Editor

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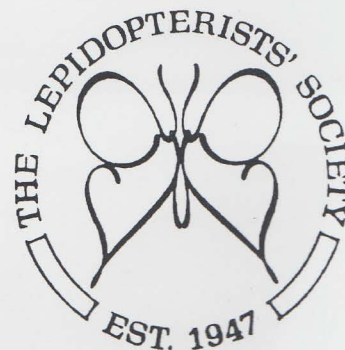
### Zone 10, The Northeast:

Maryland, New York, Pennsylvania, the New England states and the Maritime provinces

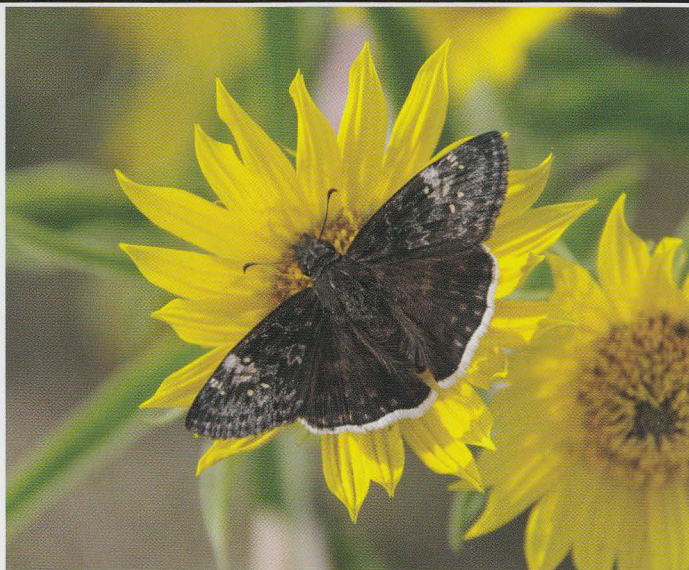
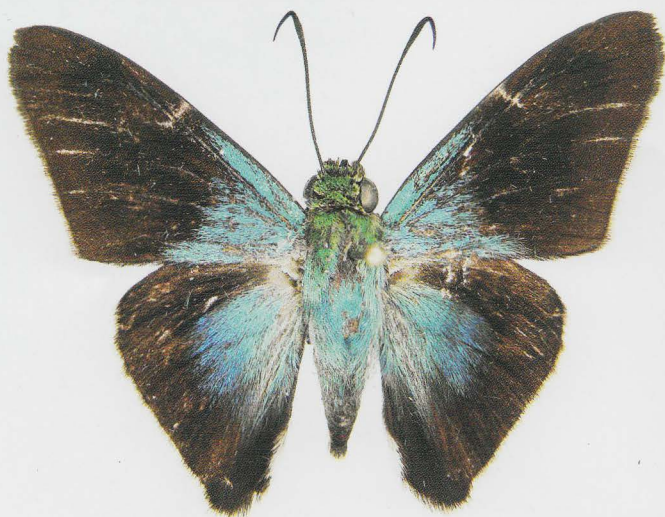
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**Top:** Male *Epiphile adrasta*, collected in Mission, Texas by Charles Bordelon, 2 December, 2010. Photo by C. Bordelon. **Bottom left:** *Astraptes alardus latia*, emerged 14 Dec 2010, ex-larva found in Mission on *Erythrina herbacia* by Mike A. Rickard. Photo: C. Bordelon. **Bottom right:** *Erynnis funeralis* near Port Burwell, Elgin Co., ON, September 30, 2010 - one of a dozen records in southern Ontario in 2010. Photo: Bruce Bolin.