



NEWS

OF THE

LEPIDOPTERISTS' SOCIETY



2009 Season Summary



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NEWS OF THE LEPIDOPTERISTS' SOCIETY

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Edited by **James P. Tuttle** (address inside back cover)

Cover photo: *Marpesia zerynthia* taken at Cock of the Rock Lodge, Peru about 1400 meters, on the road from Cusco to Manu. taken Nov 9, 2007. Photo: Kim Garwood.

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 2009

Zone 1 Far North

Alaska, Yukon, Nunavut, and Northwest Territories

Coordinator: Kenelm W. Philip

Contributors Cited:

ALS : Alaska Lepidoptera Survey
JXK : James J. Kruse

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

TH2 : Takashi Hino

General Comments:

No new localities were visited in 2009, but some old ones were sampled and reported. Note regarding the Alaska Lepidoptera Survey: Trips were made to km 130.5 on the Dempster Highway (YT) and the Toolik Lake vicinity (North Slope, AK) for live close-up photographs of two butterfly species in June. Butterfly numbers were down at both sites compared to my previous visits. Two trips in July to southcentral Alaska were failures despite sunny weather. The Bonanza Creek Experimental Forest, and the Chena Flood Control Project, were checked regularly throughout the summer when the weather permitted. Collections by ALS volunteers were carried out in the Bristol Bay area (Round Island and King Salmon).

YUKON TERRITORY

Weather: Similar to Alaska, resulting in a poor butterfly season.

Butterflies

HESPERIIDAE

Hesperia comma	southern Ogilvie Mts: Windy Pass	30-Jun-09	TH2
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PIERIDAE

Euchloe creusa photo	southern Ogilvie Mts: valley in Ogilvie Mts, km 130.5 Dempster Hwy	15-Jun-09	KWP
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Euchloe naina photo	southern Ogilvie Mts: valley in Ogilvie Mts, km 130.5 Dempster Hwy	15-Jun-09	KWP
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Euchloe naina	southern Ogilvie Mts: Windy Pass	30-Jun-09	TH2
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Colias canadensis photo	southern Ogilvie Mts: valley in Ogilvie Mts, km 130.5 Dempster Hwy	15-Jun-09	KWP
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Colias canadensis	southern Ogilvie Mts: Windy Pass	28-Jun-09	30-Jun-09	TH2
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Colias hecla	southern Ogilvie Mts: Windy Pass	27-Jun-09	30-Jun-09	TH2
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Colias pelidne	southern Ogilvie Mts: Windy Pass	30-Jun-09	TH2
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NYMPHALIDAE

Erebia mackinleyensis sight	southern Ogilvie Mts: valley in Ogilvie Mts, km 130.5 Dempster Hwy	15-Jun-09	KWP
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Erebia mackinleyensis	southern Ogilvie Mts: Windy Pass	27-Jun-09	30-Jun-09	TH2
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Erebia pawloskii	southern Ogilvie Mts: Windy Pass	30-Jun-09	TH2
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Erebia youngi photo	southern Ogilvie Mts: valley in Ogilvie Mts, km 130.5 Dempster Hwy	15-Jun-09	KWP
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Erebia youngi	southern Ogilvie Mts: Windy Pass	30-Jun-09	TH2
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Oeneis jutta	southern Ogilvie Mts: Windy Pass	30-Jun-09	TH2
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Oeneis polixenes	southern Ogilvie Mts: Windy Pass	30-Jun-09	TH2
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Boloria improba	southern Ogilvie Mts: Windy Pass	27-Jun-09	TH2
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Euphydryas chalcedona	S YT Teslin/Yukon v.: Tarfu Lake (south of)	21-Jun-09	CSG
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ALASKA

Weather: Interior Alaska had an early spring, with a very warm May that was the third driest on record. June was normal, but July had the highest mean temperature and the lowest precipitation ever recorded for the month. August was the coolest since 1998, and had above normal rain. Poor collecting conditions were reported elsewhere in Alaska, especially in mid-to-late summer.

This odd weather pattern may have been responsible for the miserable butterfly season this year. In early summer some normally abundant species were rare, and some were common. In late summer most emergences were late--and the adult hibernators were very scarce indeed. *Nymphalis l-album* was severely affected, and was even scarcer than in 2002--the year it first appeared in Interior Alaska. This could be the end of the outbreak of this species here--2010 will be interesting...

RANGE EXTENSIONS: *Colias nastes* was taken near King Salmon--about 300 miles SW of its previous records along the western part of the south coast of Alaska.

STATE RECORD: A stored food pest--the Pyralid *Anagasta kuehniella*--turned up in Fairbanks. This is the first Alaskan record, and the moths almost certainly were brought to the state in a food shipment, rather than flying in under their own power in December (!). Note: the determination is still a bit tentative...

Butterflies

HESPERIIDAE

Carterocephalus palaemon SW AK, Bristol Bay: King Salmon vicinity 16-Jun-09 19-Jun-09 ALS

PAPILIONIDAE

Papilio machaon SW AK, Bristol Bay: King Salmon vicinity 09-Jun-09 ALS
Papilio machaon Brooks Range, N base: Ridge N of Galbraith Lake, mile 276.2 Dalton 22-Jun-09 KWP
Papilio machaon Alaska Range, S base: mile 13 Denali Highway 02-Jul-09 TH2
Parnassius eversmanni Interior Alaska: Eagle Summit 22-Jun-09 04-Jul-09 TH2
Parnassius eversmanni Alaska Range, S base: mile 13 Denali Highway 25-Jun-09 03-Jul-09 TH2

PIERIDAE

Pieris marginalis SW AK, Bristol Bay: King Salmon vicinity 09-Jun-09 19-Jun-09 ALS
Euchloe creusa Interior Alaska: Eagle Summit 22-Jun-09 TH2
Colias canadensis Interior Alaska: Eagle Summit 22-Jun-09 TH2
Colias canadensis Alaska Range, S base: mile 13 Denali Highway 02-Jul-09 TH2
Colias gigantea SW AK, Bristol Bay: King Salmon vicinity 02-Jul-09 ALS
Colias hecla Alaska Range, S base: mile 13 Denali Highway 25-Jun-09 03-Jul-09 TH2
Colias hecla Interior Alaska: Eagle Summit 04-Jul-09 TH2
Colias hecla NW Alaska: Cape Lisburne, 2nd creek E of USAF site 03-Aug-09 04-Aug-09 ALS
Colias nastes Interior Alaska: Eagle Summit 22-Jun-09 TH2
Colias nastes Alaska Range, S base: mile 13 Denali Highway 02-Jul-09 03-Jul-09 TH2
Colias nastes SW AK, BRISTOL BAY: King Salmon vicinity 04-Jul-09 ALS
Colias nastes NW Alaska: Cape Lisburne, 2nd creek E of USAF site 03-Aug-09 04-Aug-09 ALS
Colias palaeno Interior Alaska: Eagle Summit 22-Jun-09 04-Jul-09 TH2
Colias palaeno Alaska Range, S base: mile 13 Denali Highway 24-Jun-09 03-Jul-09 TH2
Colias palaeno SW AK, Bristol Bay: King Salmon vicinity 02-Jul-09 ALS
Colias palaeno NW Alaska: Cape Lisburne, 2nd creek E of USAF site 03-Aug-09 ALS

LYCAENIDAE

Lycaena dorcas SW AK, Bristol Bay: King Salmon vicinity 09-Jul-09 11-Jul-09 ALS
Lycaena phlaeas NW Alaska: Cape Lisburne, 2nd creek E of USAF site 03-Aug-09 ALS
Plebejus glandon Interior Alaska: Eagle Summit 22-Jun-09 TH2
Plebejus optilete Interior Alaska: Eagle Summit 30-Jun-09 TH2
Plebejus optilete SW AK, Bristol Bay: King Salmon vicinity 04-Jul-09 11-Jul-09 ALS

NYMPHALIDAE

Coenonympha tullia kodiak Alaska Range, S base: mile 13 Denali Highway 24-Jun-09 03-Jul-09 TH2
Coenonympha tullia kodiak SW AK, Bristol Bay: King Salmon vicinity 02-Jul-09 09-Jul-09 ALS
Erebia disa SW AK, Bristol Bay: King Salmon vicinity 03-Jun-09 14-Jun-09 ALS
Erebia fasciata Interior Alaska: Eagle Summit 22-Jun-09 TH2
Erebia fasciata Alaska Range, S base: mile 13 Denali Highway 24-Jun-09 02-Jul-09 TH2
Erebia occulta Brooks Range, N base: Ridge N of Galbraith Lake, mile 276.2 Dalton 21-Jun-09 22-Jun-09 KWP
Erebia pawloskii Interior Alaska: Eagle Summit 22-Jun-09 TH2
Erebia youngi Interior Alaska: Eagle Summit 22-Jun-09 04-Jul-09 TH2
Oeneis bore Interior Alaska: Eagle Summit 22-Jun-09 04-Jul-09 TH2
Oeneis bore Alaska Range, S base: mile 13 Denali Highway 25-Jun-09 03-Jul-09 TH2
Oeneis jutta SW AK, Bristol Bay: King Salmon vicinity 06-Jun-09 11-Jul-09 ALS
Oeneis melissa Brooks Range: south side of Atigun Pass, Dalton Hwy 21-Jun-09 KWP
Oeneis melissa Interior Alaska: Eagle Summit 04-Jul-09 TH2
Oeneis polixenes SW AK, Bristol Bay: King Salmon vicinity 28-May-09 17-Jun-09 ALS
Oeneis polixenes common
Oeneis polixenes Interior Alaska: Eagle Summit 22-Jun-09 TH2
Oeneis polixenes Alaska Range, S base: mile 13 Denali Highway 24-Jun-09 03-Jul-09 TH2

Boloria alaskensis	Interior Alaska: Eagle Summit	22-Jun-09	04-Jul-09	TH2
Boloria alaskensis	Alaska Range, S base: mile 13 Denali Highway	24-Jun-09	03-Jul-09	TH2
Boloria alaskensis	NW Alaska: Cape Lisburne, 2nd creek E of USAF site	04-Aug-09		ALS
Boloria chariclea	Interior AK: Tanana Valley, Bonanza Creek Experimental Forest	01-Jun-09	04-Jun-09	KWP
odd-year flight continues in bogs				
Boloria chariclea	Interior Alaska: Eagle Summit	22-Jun-09	04-Jul-09	TH2
Boloria chariclea	Alaska Range, S base: mile 13 Denali Highway	24-Jun-09	03-Jul-09	TH2
Boloria chariclea	NW Alaska: Cape Lisburne, 2nd creek E of USAF site	03-Aug-09	04-Aug-09	ALS
Boloria eunomia	Interior Alaska: Eagle Summit	22-Jun-09	04-Jul-09	TH2
Boloria freija	SW AK, Bristol Bay: King Salmon vicinity	23-May-09	16-Jun-09	ALS
Boloria frigga gibsoni	SW AK, Bristol Bay: King Salmon vicinity	03-Jun-09	13-Jun-09	ALS
Boloria improba	Interior Alaska: Eagle Summit	22-Jun-09		TH2
Boloria polaris	Interior Alaska: Eagle Summit	22-Jun-09	04-Jul-09	TH2
Boloria polaris	Alaska Range, S base: mile 13 Denali Highway	24-Jun-09	02-Jul-09	TH2
Aglais milberti	Interior Alaska: Eagle Summit	22-Jun-09		TH2

Moths

PYRALIDAE

Anagasta kuehniella	INTERIOR ALASKA: Fairbanks	17-Dec-09		JXK
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ARCTIIDAE

Arctia opulenta common	SW AK, Bristol Bay: Round Island, Walrus Islands	06-Jul-09	01-Aug-09	ALS
Phragmatobia fuliginosa	SW AK, Bristol Bay: King Salmon vicinity	23-May-09		ALS
Platartia parthenos	SW AK, Bristol Bay: Round Island, Walrus Islands	12-Jul-09		ALS

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

Coordinator: Ken Davenport

Contributors Cited:

VXA : Valeriu Albu	RAB : Robert A. Behrstock	WB : William Bouton
JPB : James P. Brock	HB : Hank Brodtkin	RMB : Richard M. Brown
RSB : Richard M. & Sam Brown	JB : Jennifer L Bundy	LLC : Laurence L. Crabtree
KD : Ken Davenport	JAD : John A DeBenedictis	CJD : Chris J. Durden
JFE : John F. Emmel	BG : Bill Gendron	NG : Nate Gibson
KCH : Kenneth C. Hansen	HWG : C. Harp, D. Wikle & N. Gibson	FHK : Fred Heath & Mary Klinkel
TH1 : Tom Horton	RH : Rich Hoyer	PGJ : Paul G. Johnson II
PMJ : Peter M. Jump	KK : Ken Kertell	CK1 : Chris Kline
PK1 : Phillip Kline	NL : Nick Lethaby	L/R : Ron Leuschner & Kelly Richers
JNL : Jack Levy	RMD : Richard Meyer & Ken Davenport	WAM : Wayne A. Miller
KMR : Kelly M. Richers	JS3 : John Saba	AMS : Arthur M. Shapiro
RS2 : Richard Soboyna	RKS : Ray & Kit Stanford	WLS : William L. Swisher
T/S : William H. Taft & Ned Schaper	DW1 : Dennis Walker	BJW : Bruce J. Walsh
AW3 : Allan Wight	JWS : Judy Winslow & John Saba	

ARIZONA

The 2009 Season was marked by close to normal rainfall in the winter and spring with a short Monsoon season and a dry Fall. The spring and early summer reports were close to normal and so were the reports of regular migrants and strays into the Fall months. Recent years in Arizona have shown an alarming pattern of serious drought and many trees and natural vegetation have been adversely affected. In terms of butterflies, warmer winters appear to be enabling some species to move their ranges north into southeastern Arizona. Records reported for the state suggest *Piruna aea* and *Amblyscirtes elissa* are doing just that and becoming abundant instead of rare. *Chlosyne cyneas* continues to appear to be making a comeback in the southeastern portion of the state and has been observed in previously unrecorded territory. Not reported in this years summary are many reports for *Phoebis agarithe*, *Anaea aidea* and *Mestra amymone*. There were six new COUNTY RECORDS for butterflies. And despite the poor Monsoons, there were two captures of a NEW STATE RECORD in two different counties: *Smyrna blomfieldia*. It is amazing how such things turn up!

The were also many moth records submitted. I wish to credit Kelly Richers for preparing the moth reports and keeping those lists of county records for the southwestern U. S. A. states.

Butterflies

HESPERIIDAE

<i>Chioides albofasciatus</i> Photo by Mary Klinkel, rare species in the state.	Santa Cruz: Carr Canyon, E side Huachuca Mts.	07-Aug-09	FHK
<i>Urbanus procne</i> Very few Arizona records, identification made by Andrew Warren	Santa Cruz: Patagonia	07-Aug-09	FHK

Urbanus proteus	Cochise: Ash Canyon near Hereford, E side Huachuca Mts.	01-Aug-09		RAB
Very rare species in Arizona, identification confirmed by Andrew Warren				
Erynnis meridianus	Pima: Pima Canyon	27-Feb-09		JS3
EARLY				
Pyrgus xanthus	GILA: Colonel Devin Trail	01-May-09		TH1
Identification confirmed by Andrew Warren on BOA website individual.				
Heliopetes ericetorum	Pima: Florida Canyon, Santa Rita Mts.	09-Aug-09		JPB
Late summer records in region are unusual.				
Heliopetes ericetorum	Pima: Florida Canyon, Santa Rita Mts.	12-Aug-09	14-Aug-09	KK
Several individuals observed with many photos. Unusual to observe here in August.				
Heliopetes laviana	Pima: Brown Canyon, Baboquivari Mts.	04-Aug-09		PK1
Rare species in SE Arizona				
Piruna aea	Cochise: upper Garden Canyon, Huachuca Mts., Fort Huachuca	28-Jul-09		RAB
Saw thirteen individuals at one puddle, species recently began colonizing mountain range.				
Piruna aea	Pima: Santa Rita Mts, lower Madera Canyon nr Proctor Rd	29-Jul-09		JS3
Rare in this county				
Piruna aea	Santa Cruz: Red Mtn. 5 mi. SE Patagonia	30-Jul-09		JS3
More abundant than usual.				
Piruna aea	Cochise: Huachuca Mts., Garden Canyon, upper picnic area	30-Jul-09		FHK
A dozen seen or photographed, further documentation of range distribution changing, perhaps due to climate change.				
Piruna aea	Cochise: Huachuca Mts, Ash Cyn near Hereford	31-Jul-09		RAB
Three individuals seen at pond in yard.				
Piruna aea	Cochise: Huachuca Mts. (many stations on butterfly count)	01-Aug-09		HB
Ramsey Canyon Butterfly Count reported 60 individuals, a species unknown from there only recently.				
Amblyscirtes elissa arizonae	Santa Cruz: Sycamore Canyon, Pajarito Mts.	20-Jul-09		JPB
Over one thousand observed on Bee Balm in one acre near parking area.				
Amblyscirtes elissa arizonae	Pima: Santa Rita Mts, lower Madera Canyon nr Proctor Rd	29-Jul-09		JS3
Few records for county, range apparently moving north from Mexico.				
Amblyscirtes nereus	Cochise: Huachuca Mts., Garden Canyon, Fort Huachuca	26-Aug-09		JS3
LATE				
Ancyloxypha arene	Pinal: Aravaipa Canyon	27-Oct-09		PK1
Few records in this county, species transient in occurrence.				
Stinga morrisoni	GILA: Highline Trail	14-Jun-08		TH1
Stinga morrisoni	Gila: Colonel Devin Trail	01-May-09	15-May-09	TH1
Photos of eggs identified by Andrew Warren.				
Calpododes ethlius	Cochise: Huachuca Mts., Garden Canyon	19-Aug-09		RAB
Rare species in state.				
Calpododes ethlius	Cochise: Dragoon Mt. foothills, Dragoon Ranch	01-Sep-09		KD
This rare stray observed and photographed by Arlene Ripley.				
Calpododes ethlius	Pima: Arivaca Cienega	10-Sep-09		JS3
.				
PAPILIONIDAE				
Papilio astyalus	Cochise: Huachuca Mts., Ash Canyon near Hereford	09-Jul-09		RAB
Photos confirm ID. Rare stray to state.				
Papilio astyalus	Santa Cruz: Patagonia	11-Jul-09		JWS
Rare stray to SE Arizona				
PIERIDAE				
Anthocharis cethura pima	Mohave: Craggy Wash Canyon	17-Mar-09		KD
Found in moderate numbers.				
Anteos clorinde	Cochise: Huachuca Mts., Garden Canyon, Fort Huachuca	19-Aug-09		RAB
Very few reports of this species in the state in 2009				
Phoebis agarithe	Pima: Santa Rita Mts., Box Canyon	28-Feb-09		JS3
Apparently overwintering, unusual this early in season. Moderate flight in late summer.				
Phoebis philea	Cochise: Huachuca Mts., Carr Canyon	02-Mar-09		HB
EARLY, probably overwintering individual				
Kricogonia lyside	Santa Cruz: Bartolo Canyon N of Ruby	15-Jan-09		RH
EARLY, probably overwintering individual				
Eurema दौरा	Cochise: Bear Creek, Huachuca Mts.	19-Aug-09		JS3
Few records in 2009				
LYCAENIDAE				
Arawacus jada	Cochise: Huachuca Mts., Garden Canyon, Fort Huachuca	08-May-09		RAB
Arawacus jada	Pima: Santa Rita Mts., Box Canyon	16-May-09		WAM
Chlorostrymon simaethis sarita	Pinal: Boyce Thompson Arboretum	26-May-07		CK1
.				
Chlorostrymon simaethis sarita	Pima: Tucson	07-Jun-09		KD
Photographed by C. J. Vincent				
Strymon cestri	PINAL: Santa Catalina Mts., Peppersauce Canyon	29-Mar-09		KD
Photographs by Barbara Vogle, Steve Moore, Sue & Ron Clothier and Tom Prince, identification by Jim Brock.				

RIODINIDAE

Calephelis wrighti	Maricopa: Rackensack Canyon	27-Feb-09	15-Mar-09	TH1
More records to define flight period and distribution in central Arizona.				
Apodemia hepburni	Cochise: Sierra Vista	01-Aug-09		HB
Collected by Patrick Sullivan, photograph of specimen confirms ID.				
Apodemia nais	Cochise: Chiricahua Mts., Pinery Canyon Rd.	22-Jul-09		JS3
Very rare in Chiricahua Mts.				

NYMPHALIDAE

Anaea aidea	Pinal: Santa Catalina Mts., Peppersauce Canyon	08-Mar-09		JS3
Species had good flight this season, many reports from many locations.				
Cyllopsis pyracmon henschawi	Pima: Pima Canyon	25-Mar-09		JS3
EARLY				
Mestra amymone	Santa Cruz: Harshaw Rd., 6 mi. SE Patagonia	26-Oct-09		JWS
Several reports for 2009, several locations and dates which indicate some transient breeding in SE Arizona.				
Myscelia cyananthe	Santa Cruz: Sycamore Canyon, near confluence of Penasco Canyon	20-Jul-09		RH
Observed by individual familiar with the species.				
Myscelia cyananthe	Pima: lower Madera Canyon at bait trap	02-Aug-09		WAM
Very rare species in SE Arizona				
Myscelia cyananthe	Santa Cruz: NFS Rd. 72 to Temporal Canyon	08-Aug-09		HB
While with April Day. Very rare but several seen in SE Arizona in 2009				
Smyrna blomfieldia	PIMA: Santa Rita Mts. (exact locality withheld)	04-Nov-09		WAM
ARIZONA STATE RECORD individual collected				
Smyrna blomfieldia	COCHISE: Whetstone	07-Nov-09		HB
2nd Arizona record, individual collected and given to Jim Brock				
Nymphalis californica	Mohave: Hualapai Mts., stream in canyon	17-Mar-09		KD
Rarely seen at this locality or county.				
Chlosyne cyneas	PIMA: lower Madera Canyon, Santa Rita Mts.	22-Mar-09		JS3
Species recolonizing SE Arizona.				
Chlosyne cyneas	Santa Cruz: upper Madera Canyon, Santa Rita Mts.	24-Mar-09		JS3
Species colonizing this mountain range, not found there until recently.				

Moths**SESIIDAE**

Osminia donahueorum	Cochise: Base of Carr Cyn	08-Aug-09		T/S
Synanthedon exitiosa form graefi	Pima: Mt Lemmon, Catalina Hwy, 5650'	14-Jul-09		T/S
Palma praecedens ZZA lure	PIMA: Molino Cyn Vista, Mt Lemmon	12-May-09		T/S

COSSIDAE

Inguromorpha itzalana	APACHE: 2.5 mi N Lupton, Hwy 12, Navajo Res., 6401'	24-Jul-09	29-Jul-09	HWG
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GEOMETRIDAE

Nacophora mexicanaria	APACHE: 2.5 mi N Lupton, Hwy 12, Navajo Res., 6401'	24-Jul-09	29-Jul-09	HWG
Caripeta aequaliaria	APACHE: 3 mi N Lupton, Hwy 12, Navajo Ind. Res., 6450'	24-Jul-09	29-Jul-09	HWG
Lophochorista lesteraria	Pima: Brown Cyn, Baboquivari Mts, 4125'	31-Jul-09		L/R
only 9th specimen ever known				

SATURNIIDAE

Anisota oslari	APACHE: 2.5 mi N Lupton, Hwy 12, Navajo Res., 6401'	24-Jul-09	29-Jul-09	HWG
Hyalophora columbia gloveri	Gila: Payson	07-Apr-09		RS2
EARLY				

SPHINGIDAE

Ceratonia amyntor	Santa Cruz: Patagonia	09-Aug-09		NG
Sphinx chersis	APACHE: 2.5 mi N Lupton, Hwy 12, Navajo Res., 6401'	24-Jul-09	29-Jul-09	HWG
Paonias excaecata	APACHE: 3 mi N Lupton, Hwy 12, Navajo Res., 6450'	24-Jul-09	29-Jul-09	HWG
Pachysphinx occidentalis	APACHE: 2.5 mi N Lupton, Hwy 12, Navajo Res., 6401'	24-Jul-09	29-Jul-09	HWG
Eumorpha satellitia leg. Luke Thirkhill	Santa Cruz: Florida Canyon	01-Aug-09		BJW
Eumorpha vitis leg. Luke Thirkhill	SANTA CRUZ: Florida Canyon	01-Aug-09		BJW
Euproserpinus phaeton	Yuma: Yuma, along Hwy 80 on sandy flats, elev 212'	06-Mar-08		JB
larvae on Oenothera deltooides; resulting adults intermediate between E. phaeton mojave and E. wiesti				

NOTODONTIDAE

Macrurocampa dorothea	APACHE: 3 mi N Lupton, Hwy 12, Navajo Ind. Res., 6450'	24-Jul-09	29-Jul-09	HWG
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ARCTIIDAE

Arachnis picta	APACHE: 2.5 mi N Lupton, Hwy 12, Navajo Res., 6401'	24-Jul-09	29-Jul-09	HWG
Ectypia clio	APACHE: 3 mi N Lupton, Hwy 12, Navajo Ind. Res., 6450'	24-Jul-09	29-Jul-09	HWG
Lophocampa argentata subalpina	APACHE: 2.5 mi N Lupton, Hwy 12, Navajo Res., 6401'	24-Jul-09	29-Jul-09	HWG

NOCTUIDAE

Euclidia intercalaris	APACHE: 2.5 mi N Lupton, Hwy 12, Navajo Res., 6401'	24-Jul-09	29-Jul-09	HWG
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Catocala aholibah	APACHE: 3 mi N Lupton, Hwy 12, Navajo Ind. Res., 6450'	24-Jul-09	29-Jul-09	HWG
Catocala chelidonia	APACHE: 2.5 mi N Lupton, Hwy 12, Navajo Res., 6401'	24-Jul-09	29-Jul-09	HWG
Catocala verrilliana	APACHE: 2.5 mi N Lupton, Hwy 12, Navajo Res., 6401'	24-Jul-09	29-Jul-09	HWG
Acontia areloides	APACHE: 2.5 mi N Lupton, Hwy 12, Navajo Res., 6401'	24-Jul-09	29-Jul-09	HWG
Euscirrhopterus gloveri	APACHE: 4 mi N Lupton, Hwy 12, Navajo Res., 6450'	24-Jul-09	29-Jul-09	HWG
Cucullia lilacina	APACHE: 2.5 mi N Lupton, Hwy 12, Navajo Res., 6401'	24-Jul-09	29-Jul-09	HWG
Cucullia similaris	APACHE: 2.5 mi N Lupton, Hwy 12, Navajo Res., 6401'	24-Jul-09	29-Jul-09	HWG
STATE RECORD				
Sympistis atricollaris	APACHE: 3 mi N Lupton, Hwy 12, Navajo Res., 6450'	24-Jul-09	29-Jul-09	HWG
Sympistis chandleri	APACHE: 2.5 mi N Lupton, Hwy 12, Navajo Res., 6401'	24-Jul-09	29-Jul-09	HWG
Stylopoda groteana	APACHE: 3 mi N Lupton, Hwy 12, Navajo Res., 6450'	24-Jul-09	29-Jul-09	HWG
Plagiomimicus spumosum	APACHE: 2.5 mi N Lupton, Hwy 12, Navajo Res., 6401'	24-Jul-09	29-Jul-09	HWG
Basilodes chrysopis	APACHE: 2.5 mi N Lupton, Hwy 12, Navajo Res., 6401'	24-Jul-09	29-Jul-09	HWG
Schinia arcigera ferricasta	APACHE: 2.5 mi N Lupton, Hwy 12, Navajo Res., 6401'	24-Jul-09	29-Jul-09	HWG
Schinia bina	APACHE: 1 mi NW Lupton, farm rd off Hwy 12, 6250'	23-Jul-09	24-Jul-09	HWG
Schinia gaurae	APACHE: 3 mi N Lupton, Hwy 12, Navajo Res., 6450'	24-Jul-09	29-Jul-09	HWG
Schinia lynx	APACHE: 1 mi NW Lupton, farm rd off Hwy 12, 6250'	23-Jul-09	24-Jul-09	HWG
Schinia mortua	APACHE: 1 mi NW Lupton, farm rd off Hwy 12, 6250'	23-Jul-09	24-Jul-09	HWG
Schinia siren	APACHE: 1 mi NW Lupton, farm rd off Hwy 12, 6250'	23-Jul-09	24-Jul-09	HWG
Schinia zuni	Apache: Allentown, I-40 exit 351 Trading Post, 6102'	24-Jul-09	29-Jul-09	HWG
1st since original description in 1951				
Bryolymnia semifascia	APACHE: 2.5 mi N Lupton, Hwy 12, Navajo Res., 6401'	24-Jul-09	29-Jul-09	HWG
Scotogramma fervida	APACHE: 3 mi N Lupton, Hwy 12, Navajo Res., 6450'	24-Jul-09	29-Jul-09	HWG
Ulolonche marloffii	APACHE: 2.5 mi N Lupton, Hwy 12, Navajo Res., 6401'	24-Jul-09	29-Jul-09	HWG
STATE RECORD				
Copablepharon serratigrande	APACHE: Allentown, I-40 exit 351 Trading Post, 6102'	24-Jul-09	29-Jul-09	HWG
Euxoa atristrigata	APACHE: 3 mi N Lupton, Hwy 12, Navajo Res., 6450'	24-Jul-09	29-Jul-09	HWG
Euxoa mimallonis gagates	APACHE: 3 mi N Lupton, Hwy 12, Navajo Res., 6450'	24-Jul-09	29-Jul-09	HWG
Euxoa obeliscoides	APACHE: 3 mi N Lupton, Hwy 12, Navajo Res., 6450'	24-Jul-09	29-Jul-09	HWG
Euxoa pimensis	APACHE: 3 mi N Lupton, Hwy 12, Navajo Res., 6450'	24-Jul-09	29-Jul-09	HWG
Noctua pronuba	PIMA: Brown Cyn, Baboquivari Mts, 4125'	16-Oct-09		BJW
Spaelotis bicava	APACHE: 2.5 mi N Lupton, Hwy 12, Navajo Res., 6401'	24-Jul-09	29-Jul-09	HWG
Setagrotis radiola	APACHE: 2.5 mi N Lupton, Hwy 12, Navajo Res., 6401'	24-Jul-09	29-Jul-09	HWG
Tesagrotis piscipellis	APACHE: 3 mi N Lupton, Hwy 12, Navajo Res., 6450'	24-Jul-09	29-Jul-09	HWG
Abagrotis alampeta	APACHE: 2.5 mi N Lupton, Hwy 12, Navajo Res., 6401'	24-Jul-09	29-Jul-09	HWG

CALIFORNIA

The state was very dry in 2009 and the result was very poor butterfly activity in the deserts and on the eastern desert slopes of the mountain ranges bordering the deserts. Many species had poor spring flights and summer rainfall was lacking in all but a few areas. Southern California mountain ranges had greatly reduced numbers or absent flights for some species seen commonly in wetter years, Chlosyne leanira had a poor year. Diversity and numbers of species seen on butterfly counts were generally well below the usual. Northern California was also dry. Few reports were received from north of the Yosemite region. The state had eight new COUNTY records and many LATE flight period extension records, some reported here.

Many moths records were reported. I thank Kelly Richers for preparing the reports we received from contributors.

Butterflies

HESPERIIDAE

Hesperopsis libya	Inyo: Argus Mts., Homewood Canyon	24-Aug-09		KD
Strong late Summer flight. Very scarce in recent years in northern Mojave Desert.				
Hesperopsis libya joaquina	San Luis Obispo: Padrones Springs, Carrizo Plains NM	05-Jun-04		PMJ
New for this National Monument and indicate this subspecies is still surviving, though not seen where formerly common.				
Hesperopsis libya joaquina	SANTA BARBARA: Ballinger Wash and Canyon	16-Sep-07		PMJ
One found dead on rabbitbrush, killed by crab spider.				
Hesperopsis libya joaquina	San Luis Obispo: near Padrones Springs, Carrizo Plains NM	05-Jun-09		PMJ
Several observed or collected. Few San Luis Obispo County records. Allays fears that joaquina may be extinct.				
Erynnis brizo lacustra	Santa Barbara: Sierra Madre Range, Santa Barbara & Dry Canyons	17-Apr-09		KD
Very few Santa Barbara County records. Taken at mud.				
Erynnis persius	STANISLAUS: Del Puerto Canyon, Coast Ranges	19-Apr-09		RKS
First time taken in this well collected locality.				
Erynnis persius	Kern: Greenhorn Mts., 1 mi. S of Tiger Flat	20-Jul-09		KD
First record for this species in Kern County in over twenty years, only three records known.				
Pyrgus albescens	San Luis Obispo: Foothill Rd. just W of SR 33, E Cuyama River	22-Jun-09		KD
Two individuals checked by Paul Opler were genitally albescens, one was P. communis.				
Pyrgus communis	Kern: below Lake Isabella Auxiliary Dam	07-Jun-08		KD
Determined genitally by Paul Opler. P. albescens also occurs here.				
Pyrgus communis	San Luis Obispo: Foothills Rd. just W SR 33, E Cuyama River	22-Jun-09	31-Aug-09	KD
Four individuals checked genitally by Paul Opler were P. communis; sympatric with P. albescens here.				

Pyrgus communis	Kern: Bakersfield (1010 Shalimar in sump)	22-Aug-09		KD
Determined by Paul Opler. Taken in drainage sump in east Bakersfield, P. albescens also occurs here.				
Hesperia colorado tildeni	SOLANO: Marsh near Peytonia Slough	03-Oct-09		AMS
Probably a stray from the south				
Hesperia lindseyi	Santa Barbara: Sierra Madre Range, Bates Canyon	18-May-09		KD
Two individuals collected, new locality and few records for county.				
Hesperia lindseyi	Santa Barbara: Sierra Madre Range: Bates Canyon	22-May-09		NL
Five individuals observed, seen on roadside flowers.				
Polites sabuleti	Humboldt: Near Big Lagoon	21-Sep-09		KCH
Few records for this county.				
PAPILIONIDAE				
Papilio indra	Inyo: Pine Creek Canyon near Rovana	26-May-09		KD
Patrolling base of glacial moraine where host was growing.				
PIERIDAE				
Pontia beckerii	Kern: South end Sierra Nevada N Cinco & SR 14.	29-Jan-09		KD
Several individuals observed or collected...species having strong flight in mid-winter!				
Pieris marginalis castoria	STANISLAUS: Agate Spring, lower Del Puerto Canyon	19-Apr-09		RKS
New COUNTY record found in heavily collected and "known" locality.				
Pieris marginalis venosa	San Luis Obispo: Lopez Canyon	04-Feb-09		WB
Three hundred observed and at very early date for such numbers.				
Anthocharis cethura morrisoni	Fresno: Monocline Ridge, Ciervo Hills 2224'	18-Mar-09		PGJ
Anthocharis cethura morrisoni	SAN BENITO: Hills 1974' & 1840' 0.5-1 mi W Indian Valley	19-Mar-09		WLS
Northern Range extension western edge of San Joaquin Valley, 13 collected, 30 observed.				
Anthocharis cethura morrisoni	San Luis Obispo: Caliente Ridge, Carrizo Plains NM	19-Apr-09		JFE
Very abundant, collected or observed by about ten individuals during Pacific Slope Meeting Field Trip under permit.				
Colias harfordii	Santa Barbara: Sierra Madre Range, Santa Barbara & Dry Canyons	30-Jan-09		RMD
Several seen or collected, several past records of this species flying in Jan-Feb. at this locality.				
Colias harfordii	Kern: E slope Piute Mts, 4 mi. W Sageland	25-Sep-09		KD
A fresh female collected in this Sierra Nevada subrange and only the second record from the range.				
Phoebis agarithe	Riverside: Rancho Mirage	02-Jan-09		CJD
Several observed in nursery.				
Phoebis agarithe	Riverside: Palm Desert	11-Oct-09		DW1
Several seen in nursery with a photo that confirms ID.				
Nathalis iole	SAN LUIS OBISPO: Arroyo Grande	18-May-09		WB
KD and Chris Grinter found this species in the Sierra Madre of adjacent Santa Barbara County days before this sighting.				
LYCAENIDAE				
Lycaena nivalis	Tulare: Near Needle Point SE of Ponderosa in meadow	03-Jul-09	05-Jul-09	KD
Good colony site with many individuals found by Kim Kuska. Photos by Kuska & Paul Levine. SOUTH end of range.				
Lycaena phlaeas	Mono: North facing slope above Ellery Lake 10,700'	07-Sep-09		KD
LATE flight record for STATE				
Lycaena rubidus monachensis	Mono: below Lake Dam E of Tioga Pass	07-Sep-09		KD
Major flight, many individuals fresh at LATE date after Labor Day!				
Callophrys dumetorum	Marin: Point Reyes	11-Jul-09		AW3
Unusually Late				
Callophrys mossii	Los Angeles: Glendora Ridge	26-Apr-09	03-May-09	BG
Subspecies hidakupa. Dennis Walker present on the first date.				
Philotiella speciosa	San Diego: Badlands, Anza-Borrego SP	16-Mar-09		KD
Observation made by Pete Spino, the only report of this species in southern California deserts this season.				
Euphilotes glaucon comstocki	Tulare: W of Sherman Pass, Alder Creek 6700'	05-Jul-09		KD
Both E. umbellatum and the butterfly have newly colonized this site following 2002 forest fire.				
Euphilotes glaucon intermedia	TUOLUMNE: Eagle Meadow Rd approx 1 mi S SR108	07-Jul-09	08-Jul-09	KD
Found on yellow flowered buckwheat. E. enoptes present on white flowered buckwheat nearby.				
Euphilotes pallescens elvira	Kern: E side Piute Mts. 3 mi. W Sageland	25-Sep-09	01-Oct-09	KD
New colony site, species not flying in most known desert localities in recent dry years.				
Glaucopsyche piasus sagittigera	Los Angeles: Pine Creek Rd., 1 mi. SE Old Ridge Route Rd.	26-Apr-07	30-Apr-07	KD
Newly identified to subspecies.				
Glaucopsyche piasus sagittigera	Santa Barbara: Sierra Madre Range, Dry Canyon	09-May-09		KD
Two individuals taken, not taken past 4 years by many looking for it at this locality.				
Plebejus icarioides atascadero	Santa Barbara: Sierra Madre Range, Santa Barbara Canyon	05-May-09		NL
Sighting, but no photos or specimens. Species not seen here before.				
Plebejus icarioides atascadero	Santa Barbara: Sierra Madre Range, Santa Barbara & Dry Canyons	09-May-09		KD
Subspecies atascadero confirmed by collecting of KD and Chris Grinter.				
Plebejus icarioides atascadero	Santa Barbara: Sierra Madre Range, Bates Canyon	18-May-09		KD
Probably subspecies atascadero but very scarce.				
Plebejus neurona	Ventura: Piano Box Loop Rd. off Matau Flat Rd.	20-Apr-09		PGJ
RIODINIDAE				
Calephelis wrighti	Inyo: Argus Mts., Homewood Canyon	11-Apr-09		KD
Very common in a Mojave Desert Range!				

Apodemia mejicanus deserti	Inyo: Argus Mts., Homewood Canyon	11-Apr-09	24-Aug-09	KD
Very common in wash with Eriogonum inflatum; sympatric with Calephelis wrightii in April.				
Apodemia mejicanus deserti	Inyo: Lone Pine Creek, edge Alabama Hills	09-Jul-09		KD
Northern Mojave Desert range extension, taken near Eriogonum inflatum.				
Apodemia mormo	San Luis Obispo: Palo Prieto Canyon 3-7 mi. S of Cholame	19-Sep-09		JNL
Accompanied by KD. All individuals (70+) were form "langei" (NOT the protected subspecies at Antioch)				
NYMPHALIDAE				
Cercyonis oetus	Mono: Bodie Hills at several locations	08-Sep-09		KD
LATE flight date.				
Agraulis vanillae incarnata	SAN JOAQUIN: Stockton	19-Sep-09		KD
Photographed and observed by Win Rogers.				
Speyeria coronis semiramis	San Bernardino: San Bernardino Mts., San Antonio Canyon	09-May-09		BG
EARLY for subspecies.				
Speyeria nokomis apacheana	Inyo: Round Valley	07-Jul-07		BG
EARLY flight record for STATE				
Speyeria nokomis apacheana	Mono: Bodie Hills, Murphy Springs 3 mi. W of Bodie 8000'	08-Sep-09		KD
Very narrow suitable habitat along very narrow stream, at high elevation in arid mountains				
Speyeria nokomis apacheana	Mono: Bridgeport Canyon, Bodie Hills	08-Sep-09		KD
Possibly a new locality for species, very abundant despite small suitable habitat.				
Speyeria zerene	Butte: Stirling City	07-Oct-09		KD
Observed, reported and photographed by Ray Bruun.				
Adelpha californica	San Luis Obispo: Lopez Canyon	04-Feb-09		WB
Five individuals, apparently successfully overwintering up to this date.				
Adelpha californica	Kern: Kelso Creek Spring, 0.8 mi N Sageland	01-Oct-09		KD
A fairly fresh female nectaring on rabbitbrush in Mojave Desert habitat near E base of Piute Mts.				
Nymphalis californica	Fresno: Grant Grove, Kings Canyon National Park	01-Jan-09		AW3
An ultimate photograph and sighting at EARLY date with three feet of snow on ground at 49 degrees.				
Nymphalis californica	San Luis Obispo: Lopez Canyon	04-Feb-09		WB
Observed thirty individuals on very early date.				
Chlosyne leanira elegans	Santa Barbara: Guadalupe Sand Dunes	19-Apr-09		NL
Moths				
HEPIALIDAE				
Hepialus hectoides	SOLONO: Stebbins Cold Canyon Reserve	30-Apr-09		JAD
PRODOXIDAE				
Greya reticulata	SAN LUIS OBISPO: Santa Barbara Cyn, Los Padres NF	20-May-09		VXA
flushed in morning				
ADELIDAE				
Adela operella	SAN LUIS OBISPO: Carrizo Plain NM	19-Apr-09		VXA
diurnal, flushed				
Adela singulella	MADERA: O'Neals, 1500'	10-Apr-09		VXA
diurnal, active				
ACROLOPHIDAE				
Amydria curvistrigella	SAN LUIS OBISPO: Carrizo Plain NM	19-Apr-09		VXA
TINEIDAE				
Tineola bisselliella	MADERA: O'Neals, 1500'	01-Jun-09		VXA
BUCCULATRICIDAE				
Bucculatrix albertiella	MADERA: O'Neals, 1500'	02-Jun-09		VXA
GRACILLARIIDAE				
Cremastobombycia grindeliella	SAN LUIS OBISPO: Carrizo Plain NM	18-Apr-09		VXA
in early am active in wash				
ELACHISTIDAE				
Agonopterix oregonensis	INYO: Lone Pine, 8500'	16-May-09		VXA
Depressariodes nechlys	MADERA: O'Neals, 1500'	06-Jan-09		VXA
Elachista aredella	FRESNO: Potter Pass, Kaiser Wilderness, 9000'	11-Jul-09		VXA
flushed				
Elachista coniphora	SAN LUIS OBISPO: Carrizo Plain NM	19-Apr-09		VXA
diurnal, flushed				
Elachista daeronella	MADERA: O'Neals, 1500'	10-Jun-09		VXA
GELECHIIDAE				
Isophrictis actiella	MADERA: O'Neals, 1500'	10-Jul-09		VXA
Aristotelia eldorada	MADERA: O'Neals, 1500'	15-Nov-09		VXA
Gnorimoschema coquillettella	INYO: Lone Pine	15-May-09		VXA

Chionodes messor	SISKIYOU: Mt Shasta City	19-May-09	23-May-09	VXA
Mirificarma eburnella	MADERA: O'Neals, 1500'	21-Apr-09		VXA
Syncopacma nigrella	MADERA: O'Neals, 1500'	10-Jun-09		VXA
Anacamptis lacteusochrella	MADERA: O'Neals, 1500'	01-Oct-09		VXA
COLEOPHORIDAE				
Batrachedra illusor	INYO: Lone Pine	16-May-09		VXA
COSMOPTERIGIDAE				
Antequera acertella	SAN LUIS OBISPO: Carrizo Plain NM	19-Apr-09		VXA
Anoncia conia	INYO: Lone Pine, 6500'	15-May-09		VXA
Anoncia fregeis	MADERA: O'Neals, 1500'	02-Jun-09		VXA
Anoncia piperata	SAN LUIS OBISPO: Carrizo Plain NM, Croker Sp. Rd, Temblor Mts	19-Apr-09		VXA
Anoncia psentia	SAN LUIS OBISPO: Carrizo Plain NM	19-Apr-09		VXA
Periploca orichalcella	MADERA: O'Neals, 1500'	12-Apr-09		VXA
PLUTELLIDAE				
Rhigognostis interrupta	MADERA: O'Neals, 1500'	21-Apr-09		VXA
Ypsolopha maculatella	SAN LUIS OBISPO: Carrizo Plain NM	19-Apr-09		VXA
Ypsolopha rubrella	MADERA: O'Neals, 1500'	10-Oct-09		VXA
Ypsolopha schwarziella	MADERA: O'Neals, 1500'	30-Jan-09		VXA
HELIODINIDAE				
Heliodines extraneella flushed at noon	SAN DIEGO: Borrego Springs, 2500'	27-Mar-09		VXA
CRAMBIDAE				
Chalcoela iphitalis	INYO: Lone Pine	17-May-09		VXA
Crambus sperryellus diurnal on bermuda grass	MADERA: O'Neals, 1500'	11-Apr-09		VXA
Crambus sperryellus	SISKIYOU: Mt Shasta City	19-May-09	23-May-09	VXA
Evergestis consimilis	INYO: Lone Pine, 6500'	15-May-09		VXA
Hellula rogatalis	YOLO: Davis	09-Sep-09		JAD
Hellula rogatalis	SAN JOAQUIN: Stockton	19-Sep-09		RMB
Loxostegopsis xanthocrypta	INYO: Lone Pine	15-May-09		VXA
Mimorista subcostalis	MADERA: O'Neals, 1500'	10-Jul-09		VXA
Mimoschinia rufofascialis novalis diurnal, on flowers	SAN LUIS OBISPO: Carrizo Plain NM	19-Apr-09		VXA
Pyrausta lethalis	SAN DIEGO: Borrego Springs	26-Mar-09		VXA
Pyrausta morenalis	FRESNO: Panoche Hills	20-Apr-09		VXA
Pyrausta ochreicostalis	INYO: Whitney Portals Rd, Lone Pine, 6500'	16-May-09		L/R
Pyrausta socialis perpallidalis	CALAVERAS: Gwin Mine Rd, 1 mi N Paloma Rd	17-May-09		RMB
Pyrausta subsequalis petaluma	CALAVERAS: Gwin Mine Rd, 1 mi N Paloma Rd	01-Apr-09		RSB
Saucrobotys fumoferalis	SISKIYOU: Mt Shasta City	19-May-09	23-May-09	VXA
Stegea salutalis	SAN JOAQUIN: Stockton	03-May-09		RMB
Synclita occidentalis	MADERA: O'Neals, 1500'	10-Jul-09		VXA
PYRALIDAE				
Alpheias transferrens	INYO: Lone Pine	17-May-09		VXA
Amyeloides transitella	MADERA: O'Neals, 1500'	10-May-09		VXA
Anagasta kuehniella	CALAVERAS: Gwin Mine Rd, 1 mi N Paloma Rd	17-May-09		RSB
Etiella zinckenella	MADERA: O'Neals, 1500'	10-Jul-09		VXA
Dioryctria pentictonella	CALAVERAS: Gwin Mine Rd, 1 mi N Paloma Rd	17-May-09		RSB
Patagonia peregrina	MADERA: O'Neals, 1500'	29-May-09		VXA
Heterographis morrisonella	INYO: Lone Pine, 6500'	15-May-09		VXA
Homoeosoma oxycercus	INYO: Lone Pine, 6500'	15-May-09		VXA
Unadilla erronella	INYO: Lone Pine, 6500'	15-May-09		VXA
Rostrolaetilia minimella	KERN: Taft	17-Apr-09		VXA
Zophodia grossulariella	INYO: Lone Pine	15-May-09		VXA
Selga californica	INYO: Lone Pine, 6500'	17-May-09		VXA
Sosipatra rileyella	MADERA: O'Neals, 1500'	25-Apr-09		VXA
Bandera virginella	INYO: Lone Pine	17-May-09		VXA
PTEROPHORIDAE				
Oidaematophorus grandis	YOLO: Davis	26-May-09		JAD
SESIIDAE				
Paranthrene robiniae pheromone trap	MADERA: O'Neals, 1500'	12-Jul-09	19-Jul-09	VXA

Penstemonia dammersi pheromone trap L304 lure	MADERA: O'Neals, 1500'	15-Sep-09	19-Sep-09	VXA
TORTRICIDAE				
Barbara colfaxiana	SISKIYOU: Mt Shasta City	19-May-09	23-May-09	VXA
Phaneta pastigiata	INYO: Lone Pine, 6500'	15-May-09		VXA
Eucosma maculatana	MADERA: O'Neals, 1500'	29-May-09		VXA
Pelochrista expolitana	MADERA: O'Neals, 1500'	10-Jul-09		VXA
Pseudexentera habrosana	MADERA: O'Neals, 1500'	21-Jan-09		VXA
Epinotia cercocarpana	MADERA: O'Neals, 1500'	13-Jan-09		VXA
Grapholita caeruleana	MADERA: O'Neals, 1500'	10-Apr-09		VXA
Grapholita lunatana	SISKIYOU: Mt Shasta City	19-May-09	23-May-09	VXA
GEOMETRIDAE				
Macaria decorata	MADERA: O'Neals, 1500'	29-May-09		VXA
Macaria lorquinaria	SOLONO: Stebbins Cold Canyon Reserve	10-Aug-09		JAD
Digrammia californiaria	INYO: Whitney Portals Rd, Lone Pine, 5600'	15-May-09		L/R
Digrammia extenuata	SISKIYOU: Mt Shasta City	19-May-09	23-May-09	VXA
Digrammia plemmelata	SISKIYOU: Mt Shasta City	19-May-09	23-May-09	VXA
Hesperumia latipennis	INYO: Whitney Portals Rd, Lone Pine, 7800'	16-May-09		L/R
Glaucina golgolata	INYO: Whitney Portals Rd, Lone Pine, 5600'	15-May-09		L/R
Pterotaea melanocarpa	MADERA: O'Neals, 1500'	10-Jun-09		VXA
Pterotaea powelli	MADERA: O'Neals, 1500'	21-Mar-09		VXA
Drepanulatrix falcataria	INYO: Lone Pine, 6500'	15-May-09		VXA
Drepanulatrix foeminaria	INYO: Lone Pine, 6500'	15-May-09		VXA
Pero behrensaria	CALAVERAS: Gwin Mine Rd, 1 mi N Paloma Rd	17-May-09		RSB
Neoterpes ephelidaria	MADERA: O'Neals, 1500'	19-Apr-09		VXA
Sicya morsicaria	LASSEN: 7 mi E Bieber, 4800'	01-Aug-09		LLC
Leptostales rubromarginaria	CALAVERAS: Gwin Mine Rd, 1 mi N Paloma Rd	17-May-09		RSB
Leptostales rubromarginaria	MODOC: Mt Vida vista, Forest Rd 2	23-Jun-09		LLC
Dysstroma mancipata hulstata	CALAVERAS: Gwin Mine Rd, 1 mi N Paloma Rd	17-May-09		RSB
Eustroma semiatrata	CALAVERAS: Gwin Mine Rd, 1 mi N Paloma Rd	17-May-09		RSB
Hydriomena albifasciata	MADERA: O'Neals, 1500'	16-Jan-09		VXA
Hydriomena californiata	SISKIYOU: Mt Shasta City	19-May-09	23-May-09	VXA
Hydriomena glaucata diurnal, flushed	MONTEREY: Salmon Cr, trail off Hwy 1	15-Mar-09		VXA
Triphosa californiata	SISKIYOU: Mt Shasta City	19-May-09	23-May-09	VXA
Archirhoe neomexicana	MADERA: O'Neals, 1500'	13-Apr-09		VXA
Mesoleuca gratulata	SISKIYOU: Mt Shasta City	19-May-09	23-May-09	VXA
Anticlea vasilata	SISKIYOU: Mt Shasta City	19-May-09	23-May-09	VXA
Stamnoctenis ululata	LASSEN: 7 mi E Bieber, 4800'	21-Sep-09		LLC
Marmopteryx tessellata	SISKIYOU: Mt Shasta City	19-May-09	23-May-09	VXA
Eupithecia cestata	MADERA: O'Neals, 1500'	25-Mar-09		VXA
Eupithecia gilata	CALAVERAS: Gwin Mine Rd, 1 mi N Paloma Rd	01-Apr-09		RSB
Eupithecia gilvipennata	MADERA: O'Neals, 1500'	03-Mar-09		VXA
Eupithecia longipalpata	MADERA: O'Neals	21-Feb-09		VXA
Eupithecia macdunnoughi	CALAVERAS: Gwin Mine Rd, 1 mi N Paloma Rd	01-Apr-09		RSB
Eupithecia mystiata	MADERA: O'Neals, 1500'	04-Feb-09		VXA
Eupithecia ravocostaliata	SISKIYOU: Mt Shasta City	19-May-09	23-May-09	VXA
Eupithecia scabrogata	MADERA: O'Neals, 1500'	03-Jan-09		VXA
Eupithecia subapicata	MADERA: O'Neals, 1500'	21-Jan-09		VXA
THYATIRIDAE				
Ceranemota tearlei	LASSEN: Willow Cr CG, Hwy 139, 5000'	26-Sep-09		LLC
LASIOCAMPIDAE				
Phylloidesma coturnix at uv trap	INYO: Whitney Portals Rd, Lone Pine, 7800'	16-May-09		L/R
SPHINGIDAE				
Euproserpinus phaeton larvae share attributes w/ E wiesti	IMPERIAL: Imperial Sand Dunes	07-Feb-09		JB
NOTODONTIDAE				
Furcula cinerea	CALAVERAS: Gwin Mine Rd, 1 mi N Paloma Rd	17-May-09		RSB
Furcula cinerea	MADERA: O'Neals, 1500'	10-Jun-09		VXA
Schizura concinna larvae on Nyssa sylvatica	MADERA: O'Neals, 1500'	19-Jun-09		VXA
Oligocentria pallida	LASSEN: 7 mi E Bieber, 4800'	15-Jun-09		LLC
Oligocentria pallida	MODOC: Mt Vida vista, Forest Rd 2	23-Jun-09		LLC
ARCTIIDAE				
Grammia ornata	MADERA: O'Neals, 1500'	10-Jul-09		VXA

<i>Notarctia proxima</i>	INYO: Lone Pine, 6500'	17-May-09	VXA
<i>Estigmene acrea</i>	MODOC: 4 mi W Adin, 4150'	29-May-09	LLC
<i>Cisseps wrightii gravis</i>	INYO: Whitney Portals Rd, Lone Pine, 3870'	16-May-09	L/R
NOCTUIDAE			
<i>Nola minna</i>	SAN LUIS OBISPO: Cambria	14-Mar-09	VXA
<i>Nyctea cinerea</i>	SISKIYOU: Mt Shasta City	19-May-09	23-May-09 VXA
<i>Drasteria edwardsi</i>	CALAVERAS: Gwin Mine Rd, 1 mi N Paloma Rd	17-May-09	RSB
<i>Drasteria edwardsi</i>	LASSEN: 7 mi E Bieber, 4800'	15-Jul-09	LLC
<i>Drasteria pallescens</i>	LASSEN: 7 mi E Bieber, 4800'	01-Aug-09	LLC
<i>Caenurgina erechthea</i>	SISKIYOU: Mt Shasta City	19-May-09	23-May-09 VXA
<i>Zale lunata salicis</i>	SAN LUIS OBISPO: Cambria	14-Mar-09	VXA
<i>Zale termina</i>	MADERA: O'Neals, 1500'	21-Mar-09	VXA
<i>Megalographa biloba</i>	SAN LUIS OBISPO: 7.2 mi E Morro Bay, Rt 41, 1000'	09-Apr-09	KMR
<i>Tripudia inquaesita</i>	SAN DIEGO: Borrego Springs	26-Mar-09	VXA
<i>Conochara arizonae</i>	MADERA: O'Neals, 1500'	12-Apr-09	VXA
<i>Acontia major</i>	MADERA: O'Neals, 1500'	10-May-09	VXA
<i>Acronicta funeralis</i>	MADERA: O'Neals, 1500'	13-Apr-09	VXA
<i>Acronicta othello</i>	MADERA: O'Neals, 1500'	10-May-09	VXA
<i>Cucullia increta</i>	MADERA: O'Neals, 1500'	03-Mar-09	VXA
<i>Pleromelloida conserta</i>	INYO: Lone Pine, 6500'	15-May-09	VXA
<i>Catabena lineolata</i>	MADERA: O'Neals, 1500'	10-Jun-09	VXA
<i>Sympistis behrensii</i>	MADERA: O'Neals, 1500'	28-Jan-09	VXA
<i>Sympistis fortis</i>	MADERA: O'Neals, 1500'	25-Mar-09	VXA
<i>Behrensia conchiformis</i>	MADERA: O'Neals, 1500'	07-Mar-09	VXA
<i>Psaphida damalis</i>	MADERA: O'Neals, 1500'	11-Jan-09	VXA
<i>Pleromella opter</i>	INYO: Lone Pine, 6500'	15-May-09	VXA
<i>Neogrotella macdunnoughi</i>	SAN DIEGO: Borrego Springs	26-Mar-09	VXA
<i>Annaphila danistica</i> in daylight	TULARE: Salmon Cr, Kern R Cyn, 3650'	13-Apr-09	KMR
<i>Proxenus mindara</i>	INYO: Lone Pine, 6500'	17-May-09	VXA
<i>Zothea tranquilla</i>	MADERA: O'Neals, 1500'	02-Jun-09	VXA
<i>Apamea cuculliformis</i>	INYO: Whitney Portals Rd, Lone Pine, 3870'	16-May-09	L/R
<i>Homoglaea carbonaria</i>	MADERA: O'Neals, 1500'	24-Jan-09	VXA
<i>Homoglaea dives</i>	MADERA: O'Neals, 1500'	28-Jan-09	VXA
<i>Ufeus plicatus electra</i>	MADERA: O'Neals, 1500'	24-Feb-09	VXA
<i>Ufeus satyricus sagittarius</i>	CALAVERAS: Gwin Mine Rd, 1 mi N Paloma Rd	13-Mar-09	RMB
<i>Perigonica pectinata</i>	INYO: Lone Pine, 6500'	15-May-09	VXA
<i>Acerra normalis</i>	CALAVERAS: Gwin Mine Rd, 1 mi N Paloma Rd	13-Mar-09	RMB
<i>Orthosia praeses</i>	MADERA: O'Neals, 1500'	10-Jan-09	VXA
<i>Orthosia pulchella</i>	SISKIYOU: Mt Shasta City	19-May-09	23-May-09 VXA
<i>Egira curialis</i>	MADERA: O'Neals, 1500'	13-Jan-09	VXA
<i>Egira hiemalis</i>	CALAVERAS: Gwin Mine Rd, 1 mi N Paloma Rd	26-Feb-09	RMB
<i>Egira perlubens</i>	INYO: Lone Pine, 6500'	15-May-09	VXA
<i>Admetovis oxymorus</i>	INYO: Lone Pine, 8500'	16-May-09	VXA
<i>Admetovis similaris</i>	MADERA: O'Neals, 1500'	12-Apr-09	VXA
<i>Anarta fusculeta</i>	INYO: Lone Pine, 6500'	15-May-09	VXA
<i>Lacinipolia cuneata</i>	INYO: Lone Pine, 8500'	16-May-09	VXA
<i>Protorthodes rufula</i>	SOLONO: Stebbins Cold Canyon Reserve	16-Apr-09	JAD
<i>Euxoa bicollaris</i>	MADERA: O'Neals, 1500'	22-Apr-09	VXA
<i>Euxoa catenula</i>	LASSEN: 7 mi E Bieber, 4800'	29-Aug-09	LLC
<i>Euxoa comosa lutulenta</i>	SAN LUIS OBISPO: Carizzo Plains NM. Selby CG, 3200'	17-Apr-09	KMR
<i>Euxoa pimensis</i>	INYO: Lone Pine, 6500'	17-May-09	VXA
<i>Noctua pronuba</i>	MADERA: O'Neals, 1500'	16-Mar-09	VXA
<i>Noctua pronuba</i>	INYO: Whitney Portals Rd, Lone Pine, 3870'	16-May-09	L/R
<i>Parabrotis formalis</i>	CALAVERAS: Gwin Mine Rd, 1 mi N Paloma Rd	17-May-09	RSB
<i>Parabrotis insularis</i>	CALAVERAS: Gwin Mine Rd, 1 mi N Paloma Rd	17-May-09	RSB
<i>Abagrotis rubricundis</i>	MODOC: 4 mi W Adin, 4150'	12-Aug-09	LLC

NEVADA

The only butterfly record received from Ray Stanford was a correction as to subspecies for *Speyeria nokomis* from a past summary.

Butterflies

NYMPHALIDAE

<i>Speyeria nokomis carsonensis</i> subspecies carsonensis, not apacheana as originally reported, determined by George T. Austin in 2008.	HUMBOLDT: 1 mi. W of Dufurrena Field Station, Sheldon NWR	20-Aug-06	RKS
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Moths
NOCTUIDAE

Euxoa messoria

Humboldt: Black Rock Desert (Burning Man)

01-Sep-09 03-Sep-09 RMB

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

Coordinator: Charles E. Harp

Contributors Cited:

GGA : Gary G. Anweiler

BKB : Barbara K. Bartell

B/B : Steve Bransky & Ed Ballard

SJC : Steven J. Cary

MSF : Michael S. Fisher

HTG : Chuck Harp & Todd Gilligan

EHM : Eric H. Metzler

MGP : Michael G. Pogue

BCS : B. Chris Schmidt

KCB : Karolis C. Bagdonas

MDB : M. Deane Bowers

SCB : Steven C. Bransky

JJD : Jason Dombroskie

CEH : Charles E. Harp

H/R : Richard Holland & Martha Romero

O/B : P.A. Opler & E. Buckner

KR : Kilian Roever

SMS : Steven M. Spomer

BB5 : Bob Barber

DEB : Donald E. Bowman

JWB : John W. Brown

DJF : David J. Ferguson

H-H : Chuck Harp & Cindy Harp

SJK : Steven J. Kohler

RSP : Richard S. Peigler

CR : Christopher Rustay

ADW : Andrew D. Warren

General Comments:

There were 35 contributors to the 2009 Summary, coming from 31 listed contributors and an additional 27 collectors and observers. Some reporters posted records for more than one state. This year's Summary for Zone 4 is marked by the number of new moth records, amassing 2 Canadian records, 5 Provincial records, 34 state and nearly 900 new county moth records. Many of these records came from visits by researchers to new and previously undercollected areas and the bloom of several recent publications and papers aimed at identifying Western moths. Moths of Western North America by Jerry Powell and Paul Opler and recent monographs through on-line journals such as Zootaxa and ZooKeys have improved identifications of troublesome moth groups. Ferguson's treatment of the Ennominae (Geometridae) was published in late 2008 and the Apameini by Lafontaine was published in late 2009.

ALBERTA

Gary Anweiler submitted several records from local efforts for the season, including 5 new Provincial records. Gary also recorded 2 Canadian records, for *Catocala grotiana* and *Papaipema maritima*.

Butterflies

PAPILIONIDAE

Papilio multicaudata : Medicine Hat 11-Jul-09 GGA
collected by Jan Scott, North East range extension

Moths

HEPIALIDAE

Gazoryctra roseicaput : Kananaskis, 5 km E. of jct. Hwy 40 & 68, 27-Aug-09 GGA
5 specimens taken by C.M. Jaeger; first record in almost 90 years.

PYRALIDAE

Aglossa pinguinalis : Edmonton 08-Jul-09 GGA
2nd AB record

Aglossa pinguinalis : Edmonton 09-Jul-09 GGA
3rd AB record

SESIIDAE

Sesia spartani : Edmonton 26-Jul-09 GGA
north

Sesia tibialis : Edmonton 09-Aug-09 GGA

Synanthedon arctica : Edmonton 12-Jul-09 GGA

First Alberta records

Synanthedon helenis : Edmonton 11-Jul-09 GGA

Synanthedon polygoni : Trenville Park, 03-Jul-09 GGA

photo documentation by Tim Showalter, 2nd AB record

Synanthedon proxima : 12 km s. Sherwood Park 14-Jul-09 17-Jul-09 GGA

second AB record

Synanthedon saxifragae : Cardinal Divide 29-Jul-09 GGA

Synanthedon tipuliformis : Edmonton 20-Jun-09 04-Jul-09 GGA

2nd Alberta site

TORTRICIDAE

Epinotia aridos : Jasper National Park 27-Jun-08 BCS

collected with GGA, 1st AB & first specimen since types? det: JDL

NOCTUIDAE

Catocala grotiana : Waterton Lakes National Park 08-Sep-08 GGA

First Canadian Records; confirmed by JDL.

<i>Acronicta americana</i> only second AB locality in past 50 years	: Pakowki Lake dunes	11-Jul-09	GGA
<i>Schinia gaurae</i> 3 specimens, 1 at BL and a pair roosting in white <i>Oenothera</i> blossom	: Pakowki Lake dunes	11-Jul-09	GGA
<i>Neoligia tonsa</i> 2nd AB site; east	: Writing-On-Stone P. Pk.	02-Sep-09	GGA
<i>Papaipema maritima</i> First Canadian Record, verified by Eric Quinter	: Red Deer River S. of Jenner,	02-Oct-08	JJD
<i>Lasionycta silacea</i> Only Alberta record	: Waterton Lakes National Park, Crandell Cpgd.	31-Aug-05	GGA
<i>Abagrotis discoidalis</i>	: Pakowki Lake dunes	11-Jul-09	GGA
<i>Abagrotis duanca</i>	: Pakowki Lake dunes	11-Jul-09	GGA

COLORADO

Mike Fisher reported poor butterfly collecting for Eastern Colorado, stemming from a dry winter and a cool and wetter than normal spring and early summer. Warm temperatures in mid-March allowed some collectors to record early dates for some of the Pierids and Lycaenids. These early, mild temperatures allowed good emergence of moths in all collecting areas, but cool and often wet weather from May to June hampered butterfly collecting in most of the state. The state continued to recover from recent years of drought, with cooler temps in July and August, allowing good plant blooms for nectar sources into a continued mild September.

Ten contributors provided records from the 2009 season, including additional photographic and vouchered specimen data from 12 observers and collectors. Barbara Bartell was so inspired by the recent Powell and Opler book on Western moths, that she spent the summer sampling moths from her home in Gilpin County. Many of her efforts are included. Five county records for butterflies and 389 new county records for moths were reported.

Butterflies

HESPERIIDAE

<i>Thorybes mexicanus</i>	Custer : FR 386 - 8 mi S of Greenwood	19-Jun-09	SCB
<i>Erynnis brizo</i> near early record,	Douglas: Daniels Park,	21-Mar-09	ADW
<i>Erynnis horatius</i>	San Miguel: CR H1 @ Chico Creek, 7500' elev.,	29-Apr-09	MSF
<i>Erynnis telemachus</i> early record,	Douglas: Daniels Park,	21-Mar-09	ADW
<i>Erynnis telemachus</i>	Custer : FR 386 - 8 mi S of Greenwood	19-Jun-09	SCB
<i>Pyrgus communis</i> early record,	Douglas: Daniels Park,	21-Mar-09	ADW
<i>Hesperia pahaska</i> photo documentation by Dave Spicer	MONTEZUMA: Mesa Verde NP,	22-Jun-09	MSF
<i>Euphyes bimaecula</i> photo documentation by Julia Hicks	Boulder: South Boulder Ck.,	20-Jun-09	MDB
<i>Megathymus streckeri texana</i> taken by Justin Willis at border to open meadows, among <i>Yucca glauca</i> near residence, 7753' elev.	Chaffee: Nathrop, along Hwy #285	26-May-09	CEH
<i>Megathymus yuccae coloradensis</i> photo documentation by Loch Loren	Douglas: 8 mi. S of Parker, Hwy. 83 along shoulders	02-Apr-09	CEH

PAPILIONIDAE

<i>Papilio crespontes</i> photo documentation by Jeris Danielson, attracted to a potted Kaffir Lime tree on his patio	OTERO: La Junta	27-Jun-09	MSF
<i>Papilio crespontes</i> sight observation	PUEBLO: 15 mi. S. of Pueblo	04-Sep-09	DEB

PIERIDAE

<i>Pontia sisymbrii</i> creek running e. Mt. Lindo, 6870' elev.	Jefferson: Tintytown, S. Turkey Crk. Rd., above train park	22-Mar-08	H-H
<i>Pontia sisymbrii elivata</i> near early record,	Douglas: upper Mitchell Gulch at Founder's Village	17-Mar-09	ADW
<i>Pieris marginalis macdunnoughi</i>	Custer : FR 386 - 8 mi S of Greenwood	19-Jun-09	SCB
<i>Euchloe ausonides</i>	Custer : FR 386 - 8 mi S of Greenwood	19-Jun-09	SCB
<i>Euchloe olympia</i> near early record,	Douglas: Hidden Pointe area, NNW of Castle Rock @ 6400'	19-Mar-09	ADW
<i>Colias alexandra</i>	Custer : FR 386 - 8 mi S of Greenwood	19-Jun-09	SCB
<i>Kricogonia lyside</i> photo documentation by Jelio Arabadjiev	ADAMS: Barr Lake SP,	27-Jun-09	MSF

LYCAENIDAE

<i>Satyrium semiluna</i> Late Record	Moffat: Antelope Spring, Diamond Peak, 8500' elev.,	21-Aug-09	MSF
<i>Callophrys sheridanii</i> creek running e. Mt. Lindo, 6870' elev.	Jefferson: Tintytown, S. Turkey Crk. Rd., above train park	22-Mar-08	H-H
<i>Callophrys sheridanii</i> near early record of 29 Feb. 1992,	Douglas: Hidden Pointe area, NNW of Castle Rock @ 6400'	14-Mar-09	ADW

Calophrys spinetorum	ROUTT: Pearl Lake SP,	22-Jun-09		MSF
photo documentation by Brent Lounsbury				
Echinargus isola	Custer : FR 386 - 8 mi S of Greenwood	19-Jun-09		SCB
Plebejus glandon rustica	Custer : FR 386 - 8 mi S of Greenwood	19-Jun-09		SCB
Plebejus icarioides	Moffat: Antelope Spring, Diamond Peak, 8500' elev.,	21-Aug-09		MSF
Late Record				
NYMPHALIDAE				
Coenonympha tullia ochracea	Custer : FR 386 - 8 mi S of Greenwood	19-Jun-09		SCB
Speyeria coronis	GRAND: IN Granby Resvr.,	15-Aug-09		MSF
collected by David McIntosh on the water in his boat!				
Speyeria coronis halcyone	Custer : FR 386 - 8 mi S of Greenwood	19-Jun-09		SCB
Nymphalis californica	Jefferson: Tintown, S. Turkey Crk. Rd., above train park	22-Mar-08		H-H
creek running e. Mt. Lindo, 6870' elev.				
Polygonia gracilis	Custer : FR 386 - 8 mi S of Greenwood	19-Jun-09		SCB
Junonia coenia	Montezuma: McElmo Ck., Trail Cyn., 6000' elev.,	27-Apr-09	28-Apr-09	MSF
Moths				
HEPIALIDAE				
Gazoryctra pulcher	EAGLE: 2.5 mi. N. of Eagle, Eby Creek Road,	21-Aug-09	22-Aug-09	CEH
taken off roadside, uv trap, pinyon/juniper/sage, 7083' elev.				
ELACHISTIDAE				
Ethmia discostrigella	Jefferson: Tintown, S. Turkey Crk. Rd., above train park	22-Mar-08		H-H
creek running e. Mt. Lindo, 6870' elev.				
Ethmia discostrigella	Douglas: Hidden Pointe area, NNW of Castle Rock @ 6400'	14-Mar-09	19-Mar-09	ADW
early record,				
CRAMBIDAE				
Prorasea similis	COSTILLA: Ft. Garland, Hwy. #159 at Hwy. #160	16-Jun-09		CEH
black sage/rabbitbrush, at lights, 7932' elev., 12:30am				
Pyrausta nicalis	DOUGLAS: Hidden Pointe area, NNW of Castle Rock @ 6400'	16-Mar-09		ADW
early record,				
PYRALIDAE				
Sarata caudellella	DOUGLAS: Hidden Pointe area, NNW of Castle Rock @ 6400'	14-Mar-09	19-Mar-09	ADW
early record,				
SESIIDAE				
Sesia tibialis	JEFFERSON : Littleton, 8834 W. Quarto	28-Jun-09		CEH
SKL103 pheromone lure, 10am, 5700' elev.				
Synanthedon polygوني	LARIMER: Soapstone Nature Reserve, n. of Ft. Collins	26-Jun-09	27-Jun-09	CEH
also Scott Ellis & Bryce Drummond, top of Cedar Canyon, grassland w/Cercocarpus, 6820'				
Synanthedon viburni	DENVER : Denver, Cherry Creek, 1st St. at University Ave. .	28-May-09		CEH
Viburnum borer lure, 5240' elev., 12p.m.				
Podosesia syringae	ARAPAHOE: Littleton, Ketring Park, S Gallup St @ W Parkhill	10-May-09		CEH
SKL103 pheromone lure, 10am				
Podosesia syringae	DENVER : Denver, Univ of Denver, S. Josephine at Asbury	11-May-09		CEH
SKL103 pheromone lure, 11am				
Podosesia syringae	CLEAR CREEK : Georgetown, 1 mi w. off I-70 at marker #228,	24-May-09		CEH
riparian area w. of Clear Cr., SKL103 pheromone lure, 11am				
Alcathoe pepsoides	JEFFERSON : Littleton, 8834 W. Quarto	15-Aug-09	17-Aug-09	CEH
pheromone lure, 10-11:30am, 5700' elev.				
COSSIDAE				
Acosmus populi	CHAFFEE: Nathrop, along Hwy #285	09-Jun-09	26-Jun-09	CEH
taken by Justin Willis at border to open meadows, UV trap at residence, 7753' elev.				
Acosmus populi	COSTILLA: Ft. Garland, Hwy. #159 at Hwy. #160	16-Jun-09		CEH
black sage/rabbitbrush, at lights, 7932' elev., 12:30am				
Acosmus populi	EAGLE: Gypsum, between Hwy. 6 and I-70, exit #140	09-Jul-09		CEH
taken at store lights, 6312' elev.				
TORTRICIDAE				
Eucosma agassizii	HUERFANO: Walsenburg, w. of town Hwy. #160	15-Jun-09	16-Jun-09	CEH
Colorado State Veteran's Hospital mv. lights, 6454' elev., 11pm				
Eucosma bobana	Huerfano: Walsenburg, w. of town Hwy. #160	15-Jun-09	16-Jun-09	CEH
Colorado State Veteran's Hospital mv. lights, 6454' elev., 11pm				
Eucosma bobana	COSTILLA: 1.5 mi. w. of Ft. Garland, Sierra Grande School	16-Jun-09		CEH
black sage/rabbitbrush, at lights, 7962' elev., 1am				
Eucosma bobana	Larimer: Soapstone Nature Reserve, n. of Ft. Collins	26-Jun-09	27-Jun-09	CEH
collected with Scott Ellis and Bryce Drummond at old homestead site, 6499' elev., mv light at house				
Eucosma bolanderana	EAGLE: Gypsum, between Hwy. 6 and I-70, exit #140	05-Jun-09		CEH
taken at store lights, 6312' elev.				

<i>Eucosma ridingsana</i>	SUMMIT: Green Mtn. Reservoir, 1 mi. w. of Heeney Elliott Crk. Campgnd., rabbitbrush/juniper/sagebrush assoc., uv trap, 8005' elev.	19-Aug-09	20-Aug-09	CEH
<i>Pelochrista argenteana</i>	EAGLE: Gypsum, between Hwy. 6 and I-70, exit #140 taken at store lights, 6312' elev.	05-Jun-09		CEH
<i>Pelochrista argenteana</i>	HUERFANO: Walsenburg, w. of town Hwy. #160 Colorado State Veteran's Hospital mv. lights, 6454' elev., 11pm	15-Jun-09	16-Jun-09	CEH
GEOMETRIDAE				
<i>Macaria decorata</i>	Fremont: Cotopaxi, along Hwy 50, Arkansas River Canyon taken at store mv lights, 6364' elev.,	26-May-09		CEH
<i>Macaria decorata</i>	Larimer: Soapstone Nature Reserve, n. of Ft. Collins collected with Scott Ellis and Bryce Drummond at old homestead site, 6499' elev., mv light at house	26-Jun-09	27-Jun-09	CEH
<i>Digrammia californiaria</i>	JEFFERSON: SW Littleton; 8834 W. Quarto Avenue residential backyard, at uv trap, 5700' elev.,	04-May-09	05-May-09	CEH
<i>Digrammia californiaria</i>	Jefferson: Lockheed-Martin Park/Waterton Cyn. Hwy. #121 s. of C-470, 5470' elev. at Nature Center lights	14-May-09		CEH
<i>Digrammia californiaria</i>	EI Paso: ssw of Colorado Springs, Hwy. #115 at mkr. #30.2 taken at halogen lights, 6480' elev., 12am	26-May-09		CEH
<i>Digrammia cinereola</i>	EAGLE: Eagle, between Hwy. 6 and I-70, exit #147 taken with Justin Willis at store lights, 6637' elev.	09-May-09	10-May-09	CEH
<i>Digrammia cinereola</i>	FREMONT: Cotopaxi, along Hwy 50, Arkansas River Canyon taken at store mv lights, 6364' elev.,	26-May-09		CEH
<i>Digrammia curvata</i>	EAGLE: Eagle, between Hwy. 6 and I-70, exit #147 taken with Justin Willis at store lights, 6637' elev.	09-May-09	10-May-09	CEH
<i>Digrammia curvata</i>	Jefferson: Lockheed-Martin Park/Waterton Cyn. Hwy. #121 s. of C-470, 5470' elev. at Nature Center lights	14-May-09		CEH
<i>Digrammia curvata</i>	Fremont: Cotopaxi, along Hwy 50, Arkansas River Canyon taken at store mv lights, 6364' elev.,	26-May-09		CEH
<i>Digrammia curvata</i>	COSTILLA: 1.5 mi. w. of Ft. Garland, Sierra Grande School black sage/rabbitbrush, at lights, 7962' elev., 1am	16-Jun-09		CEH
<i>Digrammia excurvata</i>	EAGLE: Eagle, between Hwy. 6 and I-70, exit #147 taken with Justin Willis at store lights, 6637' elev.	09-May-09	10-May-09	CEH
<i>Digrammia subminiata</i>	EAGLE: Eagle, between Hwy. 6 and I-70, exit #147 taken with Justin Willis at store lights, 6637' elev.	09-May-09	10-May-09	CEH
<i>Digrammia subminiata</i>	Jefferson: Lockheed-Martin Park/Waterton Cyn. Hwy. #121 s. of C-470, 5470' elev. at Nature Center lights	14-May-09		CEH
<i>Digrammia subminiata</i>	COSTILLA: 1.5 mi. w. of Ft. Garland, Sierra Grande School black sage/rabbitbrush, at lights, 7962' elev., 1am	16-Jun-09		CEH
<i>Stenoporpia macdunnoughi</i>	PARK : downtown Bailey, Hwy. #285/ Post Office lights taken at uv & mv lights, 8000' elev., 11am	10-Jul-09		CEH
<i>Pero behrensaria</i>	EAGLE: Minturn, downtown along Hwy. 24 s. of I-70 at store lights, 7874' elev., 1am	10-Jul-09		CEH
<i>Pero mizon</i>	Park : downtown Bailey, Hwy. #285/ Post Office lights taken at uv & mv lights, 8000' elev., 11pm	09-Aug-09		CEH
<i>Nacophora mexicanaria</i>	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	13-Jul-09		BKB
<i>Caripeta aequaliaria</i>	Park : downtown Bailey, Hwy. #285/ Post Office lights taken at uv & mv lights, 8000' elev., 11am	10-Jul-09		CEH
<i>Caripeta aequaliaria</i>	EAGLE: Minturn, downtown along Hwy. 24 s. of I-70 at store lights, 7874' elev., 1am	10-Jul-09		CEH
<i>Caripeta aequaliaria</i>	LAKE: Leadville, downtown Hwy. 24 nr. E. 9th Street, at store lights, 10203' elev., 3:30am	10-Jul-09		CEH
<i>Plataea trilinearia</i>	EAGLE: Gypsum, between Hwy. 6 and I-70, exit #140 taken at store lights, 6312' elev.	05-Jun-09		CEH
<i>Plataea trilinearia</i>	Alamosa: E. of Alamosa downtown, along Hwy. #160 uv light trap, 7559' elev., 2am	16-Jun-09		CEH
<i>Plataea trilinearia</i>	Costilla: Ft. Garland, Hwy. #159 at Hwy. #160 black sage/rabbitbrush, at lights, 7932' elev., 12:30am	16-Jun-09		CEH
<i>Plataea trilinearia</i>	LAKE: Leadville, downtown Hwy. 24 nr. E. 9th Street, at store lights, 10203' elev., 3:30am	10-Jul-09		CEH
<i>Cheteoscelis bistriaria</i>	EAGLE: Eagle, between Hwy. 6 and I-70, exit #147 at store lights, 6637' elev., 11pm	10-Jul-09		CEH
<i>Eustroma semiatrata</i>	EAGLE: Minturn, downtown along Hwy. 24 s. of I-70 at store lights, 7874' elev., 1am	10-Jul-09		CEH
<i>Epirrhoe plebeculata</i>	JEFFERSON: Golden, Lookout Mtn Rd., E slope/hilltop Mt Zion taken by net, hilltopping, 6700'	23-Apr-09		CEH
<i>Eupithecia nevadata</i>	JEFFERSON: Lockheed-Martin Park/Waterton Cyn. Hwy. #121 s. of C-470, 5470' elev. at Nature Center lights	14-May-09		CEH

THYATIRIDAE

Habrosyne gloriosa ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	23-Jul-09		BKB
LASIOCAMPIDAE				
Tolyte glenwoodii ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	08-Sep-09	19-Sep-09	BKB
Phyllodesma americana at mv store light, Pinyon/juniper/oak assoc., 6345' elev.	LAS ANIMAS : Starkville, east off I-25, exit #10	26-Apr-09	27-Apr-09	CEH
Phyllodesma americana taken at uv & mv lights, 8000' elev., 11:30pm	Park : downtown Bailey, Hwy. #285/ Post Office lights	30-May-09		CEH
Phyllodesma americana at store lights, 7874' elev., 1am	EAGLE: Minturn, downtown along Hwy. 24 s. of I-70	10-Jul-09		CEH
Phyllodesma americana at store lights, 10203' elev., 3:30am	Lake: Leadville, downtown Hwy. 24 nr. E. 9th Street,	10-Jul-09		CEH
Malacosoma americanum taken by Justin Willis at border to open meadows, UV trap at residence, 7753' elev.	Chaffee: Nathrop, along Hwy #285	17-Jun-09	27-Jun-09	CEH
Malacosoma californicum taken at store mv lights, 6364' elev.,	Fremont: Cotopaxi, along Hwy 50, Arkansas River Canyon	26-May-09		CEH
Malacosoma disstria taken by Justin Willis at border to open meadows, UV trap at residence, 7753' elev.	CHAFFEE: Nathrop, along Hwy #285	26-May-09		CEH
SATURNIIDAE				
Coloradia doris taken by Justin Willis at San Isabel National Forest, building mv lights, 7759' elev.	Chaffee: S. of Centerville, Purple Sage, along Hwy 285	20-May-09		CEH
Coloradia doris at post office mv lights, 8455' elev., 12:30am	Jefferson: Pine Junction, off Hwy. #285 on Mt. Evans road	30-May-09		CEH
Coloradia pandora at mv store light, Pinyon/juniper/oak assoc., 6345' elev.	LAS ANIMAS : Starkville, east off I-25, exit #10	26-Apr-09	27-Apr-09	CEH
Automeris io neomexicana taken at store mv lights, 6364' elev.,	Fremont: Cotopaxi, along Hwy 50, Arkansas River Canyon	26-May-09		CEH
Automeris io neomexicana taken at halogen lights, 6480' elev., 12am	El Paso: ssw of Colorado Springs, Hwy. #115 at mkr. #30.2	26-May-09		CEH
Automeris io neomexicana at mv store light, Pinyon/juniper/oak assoc., 6345' elev., 10pm	LAS ANIMAS : Starkville, east off I-25, exit #10	15-Jun-09		CEH
Agapema homogena 0.5 mi. n. of hwy 50 along hwy 285, store lights, 7465' elev. at 5am	CUSTER : 7 Mi W. of Greenwood	18-Jun-09		SCB
Agapema homogena ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	Chaffee: Poncha Springs,	16-Jun-09	30-Jun-09	CEH
Antheraea polyphemus	GILPIN: downtown Blackhawk, at casino lights	21-Jun-09		BKB
Hyalophora columbia gloveri riparian area at store lights, e. of downtown, 6168' elev., 1 am	CUSTER : 7 Mi W. of Greenwood	18-Jun-09		SCB
Hyalophora columbia gloveri taken by Justin Willis along Hwy. 285; at San Isabel National Forest, gas station lights, 8030' elev.	HUERFANO: Walsenburg, Hwy. #10 @ business loop I-25,	27-Apr-09		CEH
Hyalophora columbia gloveri photographed by Lindsay Yarbrough at her Battle Rock Farm	Chaffee: Centerville, 15 mi S. of Buena Vista	01-May-09		CEH
Hyalophora columbia gloveri taken at store mv lights, 6364' elev.,	MONTEZUMA: Cortez, 11592 Road G,	04-May-09		CEH
Hyalophora columbia gloveri photo documentation by Ben Elmore	FREMONT: Cotopaxi, along Hwy 50, Arkansas River Canyon	26-May-09		CEH
Hyalophora columbia gloveri 0.5 mi. n. of hwy 50 along hwy 285, store lights, 7465' elev. at 5am	GUNNISON: Camp Id-Ra-Ha-Je West, near Kebler Pass	15-Jun-09	19-Jun-09	CEH
Hyalophora columbia gloveri taken at uv & mv lights, 8000' elev., 10am	Chaffee: Poncha Springs,	16-Jun-09		CEH
Hyalophora columbia gloveri lights at city limits mkr., 7648' elev., 2:30am	Park : downtown Bailey, Hwy. #285/ Post Office lights	16-Jun-09		CEH
Hyalophora columbia gloveri	RIO GRANDE : e. end of Monte Vista, along Hwy. 160	16-Jun-09		CEH
Hyalophora columbia gloveri	also Scott Ellis & Bryce Drummond, top of Cedar Canyon, grassland w/Cercarpus, 6820'	18-Jun-09		SCB
Hyalophora columbia gloveri	Larimer: Soapstone Nature Reserve, n. of Ft. Collins	26-Jun-09	27-Jun-09	CEH
SPHINGIDAE				
Sphinx asellus taken at store mv lights, 6364' elev.,	FREMONT: Cotopaxi, along Hwy 50, Arkansas River Canyon	26-May-09		CEH
Sphinx dollii black sage/rabbitbrush, at lights, 7932' elev., 12:30am	COSTILLA: Ft. Garland, Hwy. #159 at Hwy. #160	16-Jun-09		CEH
Sphinx dollii taken at store lights, 6312' elev.	EAGLE: Gypsum, between Hwy. 6 and I-70, exit #140	09-Jul-09		CEH
Sphinx drupiferarum Stopped here on the 18th and the 28th	CUSTER : 7 Mi W. of Greenwood	28-Jun-09		SCB
Sphinx vashti taken at store lights, 6637' elev.	EAGLE: Eagle, between Hwy. 6 and I-70, exit #147	18-May-09	10-Jul-09	CEH

Sphinx vashti	Jefferson: Pine Junction, off Hwy. #285 on Mt. Evans road	30-May-09		CEH
at post office mv lights, 8455' elev., 12:30am				
Sphinx vashti	Las Animas : Starkville, east off I-25, exit #10	15-Jun-09		CEH
at mv store light, Pinyon/juniper/oak assoc., 6345' elev., 10pm				
Sphinx vashti	Costilla: Ft. Garland, Hwy. #159 at Hwy. #160	16-Jun-09		CEH
black sage/rabbitbrush, at lights, 7932' elev., 12:30am				
Sphinx vashti	CUSTER : 7 Mi W. of Greenwood	18-Jun-09		SCB
Sphinx vashti	Larimer: Soapstone Nature Reserve, n. of Ft. Collins	26-Jun-09	27-Jun-09	CEH
collected with Scott Ellis and Bryce Drummond at old homestead site, 6499' elev., mv light at house				
Sphinx vashti	Eagle: Minturn, downtown along Hwy. 24 s. of I-70	10-Jul-09		CEH
at store lights, 7874' elev., 1am				
Sphinx vashti	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	22-Jul-09		BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,				
Smerinthus cerisyi	Chaffee: Nathrop, along Hwy #285	20-May-09		CEH
taken by Justin Willis at border to open meadows, UV trap at residence, 7753' elev.				
Smerinthus cerisyi	El Paso: ssw of Colorado Springs, Hwy. #115 at mkr. #30.2	26-May-09		CEH
taken at halogen lights, 6480' elev., 12am				
Smerinthus cerisyi	Costilla: 1.5 mi. w. of Ft. Garland, Sierra Grande School	16-Jun-09		CEH
black sage/rabbitbrush, at lights, 7962' elev., 1am				
Smerinthus cerisyi	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	07-Jul-09	14-Jul-09	BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,				
Smerinthus cerisyi	Eagle: Minturn, downtown along Hwy. 24 s. of I-70	10-Jul-09		CEH
at store lights, 7874' elev., 1am				
Smerinthus cerisyi	LAKE: Leadville, downtown Hwy. 24 nr. E. 9th Street,	10-Jul-09		CEH
at store lights, 10203' elev., 3:30am				
Paonias excaecata	EAGLE: Minturn, downtown along Hwy. 24 s. of I-70	10-Jul-09		CEH
at store lights, 7874' elev., 1am				
Paonias myops	Larimer: Soapstone Nature Reserve, n. of Ft. Collins	26-Jun-09	27-Jun-09	CEH
also Scott Ellis & Bryce Drummond, top of Cedar Canyon, grassland w/Cerocarpus, 6820'				
Pachysphinx modesta	Jefferson : Littleton, 8834 W. Quarto	15-May-09		CEH
SKL103 pheromone lure, 10am, 5700' elev.				
Pachysphinx modesta	EAGLE: Gypsum, between Hwy. 6 and I-70, exit #140	05-Jun-09		CEH
taken at store lights, 6312' elev.				
Pachysphinx modesta	Eagle: Minturn, downtown along Hwy. 24 s. of I-70	10-Jul-09		CEH
at store lights, 7874' elev., 1am				
Hyles gallii	CHAFFEE: Nathrop, along Hwy #285	20-May-09		CEH
taken by Justin Willis at border to open meadows, UV trap at residence, 7753' elev.				
Hyles gallii	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	10-Jul-09	13-Jul-09	BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,				
Hyles lineata	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	21-Jul-09	03-Sep-09	BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,				
Hyles lineata	SUMMIT: Green Mtn. Reservoir, 1 mi. w. of Heeney	19-Aug-09	20-Aug-09	CEH
Elliott Crk. Campgnd., rabbitbrush/juniper/sagebrush assoc., uv trap, 8005' elev.				
NOTODONTIDAE				
Clostera brucei	EAGLE: Minturn, downtown along Hwy. 24 s. of I-70	10-Jul-09		CEH
at store lights, 7874' elev., 1am				
Hyperaeschra tortuosa	LAS ANIMAS : Starkville, east off I-25, exit #10	26-Apr-09	27-Apr-09	CEH
at mv store light, Pinyon/juniper/oak assoc., 6345' elev.				
Pheosia rimosa	CHAFFEE: Nathrop, along Hwy #285	26-May-09		CEH
taken by Justin Willis at border to open meadows, UV trap at residence, 7753' elev.				
Pheosia rimosa	LAKE: Leadville, downtown Hwy. 24 nr. E. 9th Street,	10-Jul-09		CEH
at store lights, 10203' elev., 3:30am				
Pheosia rimosa	EAGLE: Minturn, downtown along Hwy. 24 s. of I-70	10-Jul-09		CEH
at store lights, 7874' elev., 1am				
Pheosia rimosa	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	12-Jul-09	17-Jul-09	BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,				
Odontosia elegans	CUSTER : 7 Mi W. of Greenwood	18-Jun-09		SCB
Odontosia elegans	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	06-Jul-09	08-Jul-09	BKB
ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,				
Gluphisia avimacula	EAGLE: Gypsum, between Hwy. 6 and I-70, exit #140	05-Jun-09		CEH
taken at store lights, 6312' elev.				
Gluphisia septentrionis	DOUGLAS: Roxborough, S. of Roxborough SP	15-May-09		CEH
Rampart Range Rd., at store lights, 5680' elev.				
Furcula cinerea	EAGLE: Gypsum, between Hwy. 6 and I-70, exit #140	05-Jun-09		CEH
taken at store lights, 6312' elev.				
Furcula cinerea	Larimer: Soapstone Nature Reserve, n. of Ft. Collins	26-Jun-09	27-Jun-09	CEH
collected with Scott Ellis and Bryce Drummond at old homestead site, 6499' elev., mv light at house				
Furcula scolopendrina	Costilla: 1.5 mi. w. of Ft. Garland, Sierra Grande School	16-Jun-09		CEH
black sage/rabbitbrush, at lights, 7962' elev., 1am				

<i>Furcula scolopendrina</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	08-Jul-09	17-Jul-09	BKB
<i>Furcula scolopendrina</i> at store lights, 7493' elev., 10pm	Eagle: Edwards, off I-70 at mkr #163,	09-Jul-09		CEH
<i>Heterocampa lunata</i> at store lights, 7874' elev., 1am	EAGLE: Minturn, downtown along Hwy. 24 s. of I-70	10-Jul-09		CEH
<i>Oligocentria coloradensis</i> at mv store light, Pinyon/juniper/oak assoc., 6345' elev., 10pm	LAS ANIMAS : Starkville, east off I-25, exit #10	15-Jun-09		CEH
<i>Oligocentria pallida</i> black sage/rabbitbrush, at lights, 7932' elev., 12:30am	Costilla: Ft. Garland, Hwy. #159 at Hwy. #160	16-Jun-09		CEH
<i>Oligocentria pallida</i> at store lights, 7874' elev., 1am	Eagle: Minturn, downtown along Hwy. 24 s. of I-70	10-Jul-09		CEH
<i>Oligocentria pallida</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	11-Aug-09		BKB
<i>Oligocentria pallida</i> Deep Creek Rd. below Onion Ridge, taken at uv & mv light traps, 6985' elev. <12am.	Eagle: 3 mi. NW of Dotsero,	17-Aug-09		CEH
<i>Hyparpax aurostriata</i>	CUSTER : 7 Mi W. of Greenwood	18-Jun-09		SCB
<i>Hyparpax venus</i> at mv store light, Pinyon/juniper/oak assoc., 6345' elev., 10pm	LAS ANIMAS : Starkville, east off I-25, exit #10	15-Jun-09		CEH
<i>Hyparpax venus</i>	CUSTER : 7 Mi W. of Greenwood	18-Jun-09		SCB
ARCTIIDAE				
<i>Cisthene barnesii</i> Deep Creek Rd. below Onion Ridge, taken at uv & mv light traps, 6985' elev. <12am.	EAGLE: 3 mi. NW of Dotsero,	17-Aug-09		CEH
<i>Lycomorpha grotei</i> Deep Creek Rd. below Onion Ridge, taken at uv & mv light traps, 6985' elev. <12am.	EAGLE: 3 mi. NW of Dotsero,	17-Aug-09		CEH
<i>Hypoprepia inculta</i> at store lights, 6637' elev., 11pm	EAGLE: Eagle, between Hwy. 6 and I-70, exit #147	10-Jul-09		CEH
<i>Eilema bicolor</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	17-Jul-09	22-Aug-09	BKB
<i>Eilema bicolor</i> taken at uv & mv lights, 8000' elev., 11pm	PARK : downtown Bailey, Hwy. #285/ Post Office lights	09-Aug-09		CEH
<i>Crambidia casta</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	23-Aug-09		BKB
<i>Crambidia cephalica</i> taken at store lights, 6312' elev.	Eagle: Gypsum, between Hwy. 6 and I-70, exit #140	09-Jul-09		CEH
<i>Holomeliina aurantiaca</i> collected with Scott Ellis and Bryce Drummond at old homestead site, 6499' elev., mv light at house	Larimer: Soapstone Nature Reserve, n. of Ft. Collins	26-Jun-09	27-Jun-09	CEH
<i>Grammia blakei</i> early record,	Douglas: Hidden Pointe area, NNW of Castle Rock @ 6400'	14-Mar-09		ADW
<i>Grammia blakei</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	22-Aug-09		BKB
<i>Grammia incorrupta</i> Colorado State Veteran's Hospital mv. lights, 6454' elev. 1 am	HUERFANO: Walsenburg, w. of town Hwy. #160	27-Apr-09		CEH
<i>Grammia nevadensis</i> Deep Creek Rd. below Onion Ridge, taken at uv & mv light traps, 6985' elev. <12am.	EAGLE: 3 mi. NW of Dotsero,	17-Aug-09		CEH
<i>Grammia nevadensis</i> taken off roadside, uv trap, sage/rabbitbrush/juniper, 6745' elev.	Eagle: 1 mi. N. of Eagle, Eby Creek Road,	21-Aug-09	22-Aug-09	CEH
<i>Grammia ornata</i> 2nd record in state, taken at store lights, 6637' elev.; det. confirmed by Chris Schmidt	EAGLE: Eagle, between Hwy. 6 and I-70, exit #147	18-May-09		CEH
<i>Grammia virguncula</i> taken by Justin Willis at border to open meadows, UV trap at residence, 7753' elev.	Chaffee: Nathrop, along Hwy #285	17-Jun-09	04-Jul-09	CEH
<i>Grammia williamsii</i> lights at city limits mkr., 7648' elev., 2:30am	Rio Grande: e. end of Monte Vista, along Hwy. 160	16-Jun-09		CEH
<i>Grammia williamsii</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	08-Jul-09	03-Aug-09	BKB
<i>Grammia williamsii</i> at store lights, 10203' elev., 3:30am	Lake: Leadville, downtown Hwy. 24 nr. E. 9th Street,	10-Jul-09		CEH
<i>Grammia williamsii</i> Deep Creek Rd. below Onion Ridge, taken at uv & mv light traps, 6985' elev. <12am.	EAGLE: 3 mi. NW of Dotsero,	17-Aug-09		CEH
<i>Arctia caja utahensis</i> Deep Creek Rd. below Onion Ridge, taken at uv & mv light traps, 6985' elev. <12am.	EAGLE: 3 mi. NW of Dotsero,	17-Aug-09		CEH
<i>Arctia caja utahensis</i> taken off roadside, mv lights, dry conifer forest, 9344' elev.	Grand: Beaver Creek Rd., 10 mi. SE of Parshall,	19-Aug-09		CEH
<i>Arctia caja utahensis</i> taken at store lights, 7402' elev., 1a.m.	Grand: Kremmling; Hwy. 40 near jct. of Hwy. 9	20-Aug-09		CEH
<i>Leptarctia californiae</i> early record,	Douglas: Hidden Pointe area, NNW of Castle Rock @ 6400'	14-Mar-09		ADW
<i>Leptarctia californiae</i> taken by Justin Willis ex larvae in August '08 on milkweed in roadside ditches, 7783' elev.	CHAFFEE: Nathrop, along Hwy #285	18-Mar-09		CEH

<i>Pyrrharctia isabella</i>	CHAFFEE: Nathrop, along Hwy #285 taken by Justin Willis at border to open meadows, UV trap at residence, 7753' elev.	02-Jun-09	06-Jun-09	CEH
<i>Estigmene acrea</i>	Fremont: Canon City, Hwy. 50, downtown store lights Arkansas River; riparian, 2:30am	26-May-09		CEH
<i>Estigmene albida</i>	El Paso: ssw of Colorado Springs, Hwy. #115 at mkr. #30.2 taken at halogen lights, 6480' elev., 12am	26-May-09		CEH
<i>Hyphantria cunea</i>	HUERFANO: Walsenburg, w. of town Hwy. #160 Colorado State Veteran's Hospital mv. lights, 6454' elev., 11pm	15-Jun-09	16-Jun-09	CEH
<i>Spilosoma congrua</i>	CUSTER : 7 Mi W. of Greenwood	18-Jun-09		SCB
<i>Hypercompe permaculata</i>	EAGLE: Gypsum, between Hwy. 6 and I-70, exit #140 taken at store lights, 6312' elev.	05-Jun-09	10-Jul-09	CEH
<i>Hypercompe permaculata</i>	Costilla: 1.5 mi. w. of Ft. Garland, Sierra Grande School black sage/rabbitbrush, at lights, 7962' elev., 1am	16-Jun-09		CEH
<i>Hypercompe permaculata</i>	Custer : 7 Mi W. of Greenwood	18-Jun-09		SCB
<i>Hypercompe permaculata</i>	LARIMER: Soapstone Nature Reserve, n. of Ft. Collins collected with Scott Ellis and Bryce Drummond at old homestead site, 6499' elev., mv light at house	26-Jun-09	27-Jun-09	CEH
<i>Hypercompe permaculata</i>	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	21-Jul-09	01-Aug-09	BKB
<i>Hypercompe permaculata</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>Hypercompe permaculata</i>	Summit: Green Mtn. Reservoir, 1 mi. w. of Heeney Elliott Crk. Campgnd., rabbitbrush/juniper/sagebrush assoc., uv trap, 8005' elev.	19-Aug-09	20-Aug-09	CEH
<i>Arachnis citra</i>	EAGLE: 3 mi. NW of Dotsero, below Onion Ridge, taken at uv & mv light traps, 6985' elev. <12am.	17-Aug-09		CEH
<i>Arachnis picta</i>	CUSTER : 7 Mi W. of Greenwood	18-Jun-09		SCB
<i>Arachnis picta</i>	Park : downtown Bailey, Hwy. #285/ Post Office lights taken at uv & mv lights, 8000' elev., 11pm	09-Aug-09		CEH
<i>Lophocampa argentata</i>	EAGLE: Gypsum, between Hwy. 6 and I-70, exit #140 taken at store lights, 6312' elev.	09-Jul-09		CEH
<i>Lophocampa argentata</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>Lophocampa ingens</i>	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	24-Jul-09	14-Aug-09	BKB
<i>Lophocampa ingens</i>	Park : downtown Bailey, Hwy. #285/ Post Office lights taken at uv & mv lights, 8000' elev., 11pm	09-Aug-09		CEH
<i>Lophocampa ingens</i>	Jefferson: Pine Junction, off Hwy. #285 on Mt. Evans road at post office mv lights, 8455' elev., 12am	10-Aug-09		CEH
<i>Lophocampa maculata</i>	Chaffee: Nathrop, along Hwy #285 taken by Justin Willis at border to open meadows, UV trap at residence, 7753' elev.	02-Jun-09	06-Jun-09	CEH
<i>Lophocampa maculata</i>	Costilla: 1.5 mi. w. of Ft. Garland, Sierra Grande School black sage/rabbitbrush, at lights, 7962' elev., 1am	16-Jun-09		CEH
<i>Lophocampa maculata</i>	RIO GRANDE : e. end of Monte Vista, along Hwy. 160 lights at city limits mkr., 7648' elev., 2:30am	16-Jun-09		CEH
<i>Lophocampa maculata</i>	Custer : 7 Mi W. of Greenwood	18-Jun-09		SCB
<i>Lophocampa maculata</i>	Park : downtown Bailey, Hwy. #285/ Post Office lights taken at uv & mv lights, 8000' elev., 11am	10-Jul-09		CEH
<i>Lophocampa maculata</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>Aemilia ambigua</i>	Chaffee: Nathrop, along Hwy #285 taken by Justin Willis at border to open meadows, UV trap at residence, 7753' elev.	02-Jun-09	06-Jun-09	CEH
<i>Aemilia ambigua</i>	Costilla: 1.5 mi. w. of Ft. Garland, Sierra Grande School black sage/rabbitbrush, at lights, 7962' elev., 1am	16-Jun-09		CEH
<i>Aemilia ambigua</i>	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	07-Jul-09	17-Jul-09	BKB
<i>Bertholdia trigona</i>	EAGLE: Eagle, between Hwy. 6 and I-70, exit #147 taken at store lights, 6637' elev.	04-Jun-09	10-Jul-09	CEH
<i>Bertholdia trigona</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
LYMANTRIIDAE				
<i>Dasychira grisefacta</i>	EAGLE: Gypsum, between Hwy. 6 and I-70, exit #140 taken at store lights, 6312' elev.	09-Jul-09		CEH
NOCTUIDAE				
<i>Idia americanalis</i>	EAGLE: 2.5 mi. N. of Eagle, Eby Creek Road, taken off roadside, uv trap, pinyon/juniper/sage, 7083' elev.	21-Aug-09	22-Aug-09	CEH
<i>Hypena humuli</i>	EAGLE: Eagle, between Hwy. 6 and I-70, exit #147 taken with Justin Willis at store lights, 6637' elev.	09-May-09	10-May-09	CEH
<i>Ascalapha odorata</i>	Chaffee: Nathrop, along Hwy #285 taken by Justin Willis at border to open meadows, UV trap at residence, 7753' elev.	10-Aug-09		CEH

<i>Ascalapha odorata</i> nr. rabbitbrush in bloom, at uv trap, 5700' elev.,	JEFFERSON: SW Littleton; 8834 W. Quarto Avenue	18-Aug-09		CEH
<i>Lygephila victoria</i> taken off roadside, uv trap, sage/rabbitbrush/juniper, 6745' elev.	EAGLE: 1 mi. N. of Eagle, Eby Creek Road,	21-Aug-09	22-Aug-09	CEH
<i>Cissusa valens</i> at mv store light, Pinyon/juniper/oak assoc., 6345' elev.	LAS ANIMAS : Starkville, east off I-25, exit #10	26-Apr-09	27-Apr-09	CEH
<i>Melipotis indomita</i> taken at halogen lights, 6480' elev., 12am	El Paso: ssw of Colorado Springs, Hwy. #115 at mkr. #30.2	26-May-09		CEH
<i>Drasteria divergens</i> Colorado State Veteran's Hospital mv. lights, 6454' elev. 1 am	Huerfano: Walsenburg, w. of town Hwy. #160	27-Apr-09		CEH
<i>Drasteria divergens</i> taken at store lights, 6637' elev.	EAGLE: Eagle, between Hwy. 6 and I-70, exit #147	18-May-09		CEH
<i>Drasteria divergens</i> taken by Justin Willis at San Isabel National Forest, 8030' elev.; 1am	Chaffee: Centerville, along Hwy 285; 15mi s.of Buena Vista	19-May-09		CEH
<i>Drasteria divergens</i> also Scott Ellis & Bryce Drummond, top of Cedar Canyon, grassland w/Cerocarpus, 6820'	Larimer: Soapstone Nature Reserve, n. of Ft. Collins	26-Jun-09	27-Jun-09	CEH
<i>Drasteria howlandi</i> taken at store mv lights, 6364' elev.,	Fremont: Cotopaxi, along Hwy 50, Arkansas River Canyon	26-May-09		CEH
<i>Drasteria hudsonica</i> taken by Justin Willis at border to open meadows, UV trap at residence, 7753' elev.	CHAFFEE: Nathrop, along Hwy #285	17-Jun-09	27-Jun-09	CEH
<i>Drasteria hudsonica</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	08-Jul-09	20-Jul-09	BKB
<i>Drasteria hudsonica</i> at store lights, 10203' elev., 3:30am	LAKE: Leadville, downtown Hwy. 24 nr. E. 9th Street,	10-Jul-09		CEH
<i>Drasteria inepta</i> early record,	Douglas: Hidden Pointe area, NNW of Castle Rock @ 6400'	16-Mar-09		ADW
<i>Drasteria inepta</i> taken at store mv lights, 6364' elev.,	Fremont: Cotopaxi, along Hwy 50, Arkansas River Canyon	26-May-09		CEH
<i>Drasteria inepta</i> collected with Scott Ellis and Bryce Drummond at old homestead site, 6499' elev., mv light at house	Larimer: Soapstone Nature Reserve, n. of Ft. Collins	26-Jun-09	27-Jun-09	CEH
<i>Drasteria pallescens</i> collected with Scott Ellis and Bryce Drummond at old homestead site, 6499' elev., mv light at house	Larimer: Soapstone Nature Reserve, n. of Ft. Collins	26-Jun-09	27-Jun-09	CEH
<i>Drasteria pallescens</i> at store lights, 6637' elev., 11pm	EAGLE: Eagle, between Hwy. 6 and I-70, exit #147	10-Jul-09		CEH
<i>Drasteria pallescens</i> Deep Creek Rd. below Onion Ridge, taken at uv & mv light traps, 6985' elev. <12am.	Eagle: 3 mi. NW of Dotsero,	17-Aug-09		CEH
<i>Drasteria sabulosa</i> Colorado Rvr, riparian area, uv lights, 5981' elev., 2:30am	Garfield: Grizzly Creek Rest Stop, I-70 at exit #121,	19-May-09		CEH
<i>Drasteria sabulosa</i> taken at store mv lights, 6364' elev.,	FREMONT: Cotopaxi, along Hwy 50, Arkansas River Canyon	26-May-09		CEH
<i>Euclidia cuspeida</i> taken at store lights, 5751' elev., 3am,	Garfield: W. Glenwood Springs, n. off I-70 at mkr. 114	19-May-09		CEH
<i>Caenurgina crassiuscula</i> collected with Scott Ellis and Bryce Drummond at wetlands sight, N.E. ranch property, 6352' elev., mv light trap	Larimer: Soapstone Nature Reserve, n. of Ft. Collins	26-Jun-09	27-Jun-09	CEH
<i>Caenurgina erechtea</i> early record,	Douglas: Hidden Pointe area, NNW of Castle Rock @ 6400'	14-Mar-09	19-Jul-09	ADW
<i>Caenurgina erechtea</i> Hwy. #121 s. of C-470, 5470' elev. at Nature Center lights	Jefferson: Lockheed-Martin Park/Waterton Cyn.	14-May-09		CEH
<i>Zale colorado</i> taken at store lights, 5751' elev., 3am,	Garfield: W. Glenwood Springs, n. off I-70 at mkr. 114	19-May-09		CEH
<i>Catocala aholibah</i> nr. rabbitbrush in bloom, at uv trap, 5700' elev.,	Jefferson: SW Littleton; 8834 W. Quarto Avenue	24-Sep-09	28-Sep-09	CEH
<i>Catocala amatrix</i> uv trap, 5410' elev.,	Adams: Bennett, Old Victory Hwy., at Kiowa Cr. bridge,	20-Sep-09	21-Sep-09	HTG
<i>Catocala grotiana</i> taken off roadside, mv lights, dry conifer forest, 9344' elev.	Grand: Beaver Creek Rd., 10 mi. SE of Parshall,	19-Aug-09		CEH
<i>Catocala grotiana</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	19-Aug-09	24-Aug-09	BKB
<i>Catocala junctura</i> uv trap, 5410' elev.,	ADAMS: Bennett, Old Victory Hwy., at Kiowa Cr. bridge,	20-Sep-09	21-Sep-09	HTG
<i>Autographa ampla</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	05-Aug-09	09-Sep-09	BKB
<i>Autographa californica</i> taken with Justin Willis at store lights, 6637' elev.	EAGLE: Eagle, between Hwy. 6 and I-70, exit #147	09-May-09	10-May-09	CEH
<i>Autographa californica</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	31-Aug-09		BKB
<i>Autographa mappa</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	05-Aug-09		BKB

<i>Autographa pseudogamma</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	05-Sep-09		BKB
<i>Anagrapha falcifera</i> collected with Scott Ellis and Bryce Drummond at wetlands sight, N.E. ranch property, 6352' elev., mv light trap	Larimer: Soapstone Nature Reserve, n. of Ft. Collins Park : downtown Bailey, Hwy. #285/ Post Office lights	26-Jun-09	27-Jun-09	CEH
<i>Syngrapha angulidens</i> taken at uv & mv lights, 8000' elev., 11pm	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	09-Aug-09		CEH
<i>Syngrapha angulidens</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	EAGLE: Minturn, downtown along Hwy. 24 s. of I-70	10-Aug-09		BKB
<i>Syngrapha angulidens</i> at store lights, 7874' elev., 1am	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	18-Aug-09		CEH
<i>Syngrapha viridisigma</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	Grand: Beaver Creek Rd., 10 mi. SE of Parshall, taken off roadside, mv lights, dry conifer forest, 9344' elev.	04-Aug-09	22-Aug-09	BKB
<i>Syngrapha viridisigma</i> taken off roadside, mv lights, dry conifer forest, 9344' elev.	EAGLE: Gypsum, between Hwy. 6 and I-70, exit #140	19-Aug-09		CEH
<i>Plusia putnami</i> taken at store lights, 6312' elev.	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	09-Jul-09		CEH
<i>Plusia putnami</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	Larimer: Soapstone Nature Reserve, n. of Ft. Collins Drummond at old homestead site, 6499' elev., mv light at house	22-Aug-09		BKB
<i>Tarachidia semiflava</i> collected with Scott Ellis and Bryce Drummond at old homestead site, 6499' elev., mv light at house	Douglas: Roxborough, S. of Roxborough SP	26-Jun-09	27-Jun-09	CEH
<i>Therasea augustipennis</i> Rampart Range Rd., at store lights, 5680' elev.	Larimer: Soapstone Nature Reserve, n. of Ft. Collins Drummond at old homestead site, 6499' elev., mv light at house	15-May-09		CEH
<i>Therasea augustipennis</i> collected with Scott Ellis and Bryce Drummond at old homestead site, 6499' elev., mv light at house	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	26-Jun-09	27-Jun-09	CEH
<i>Therasea augustipennis</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	Larimer: Soapstone Nature Reserve, n. of Ft. Collins Drummond at old homestead site, 6499' elev., mv light at house	11-Aug-09	18-Aug-09	BKB
<i>Acontia cretata</i> collected with Scott Ellis and Bryce Drummond at old homestead site, 6499' elev., mv light at house	EAGLE: Gypsum, between Hwy. 6 and I-70, exit #140	26-Jun-09	27-Jun-09	CEH
<i>Pseudalyptia crotchii</i> taken with Justin Willis at store lights, 6312' elev.	JEFFERSON: Aspen Park, 2430m, collected with Frank Hein in Denver Museum of Nature and Sciences	10-May-09	19-May-09	CEH
<i>Panthea acronyctoides nigra</i> collected with Frank Hein in Denver Museum of Nature and Sciences	Grand: Columbine Lake Campground, 2650m, leg: Francis Haas in Denver Museum of Nature and Sciences	13-Jun-96		RSP
<i>Panthea acronyctoides nigra</i> leg: Francis Haas in Denver Museum of Nature and Sciences	LAKE: Leadville, downtown Hwy. 24 nr. E. 9th Street, at store lights, 10203' elev., 3:30am	25-Aug-97		CEH
<i>Panthea acronyctoides nigra</i> at store lights, 10203' elev., 3:30am	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	10-Jul-09		CEH
<i>Panthea acronyctoides nigra</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	JEFFERSON: Lookout Mtn. @ 2395m	13-Jul-09		BKB
<i>Panthea greyi</i> leg: Gary Staab in Denver Museum of Nat. & Sciences	Chaffee: Nathrop, along Hwy #285	21-Jun-93		CEH
<i>Panthea gigantea</i> taken by Justin Willis at border to open meadows, UV trap at residence, 7753' elev.	FREMONT: Cotopaxi, along Hwy 50, Arkansas River Canyon	26-May-09		CEH
<i>Pseudopanthea palata</i> taken at store mv lights, 6364' elev.,	GARFIELD: Grizzly Creek Rest Stop, I-70 at exit #121, Colorado Rvr, riparian area, uv lights, 5981' elev., 2:30am; id. confirmed by Gary Anweiler	26-May-09		CEH
<i>Charadra ingenua</i> Colorado Rvr, riparian area, uv lights, 5981' elev., 2:30am; id. confirmed by Gary Anweiler	FREMONT: Cotopaxi, along Hwy 50, Arkansas River Canyon	19-May-09		CEH
<i>Charadra ingenua</i> taken at store mv lights, 6364' elev.; id. confirmed by Gary Anweiler	Larimer: Soapstone Nature Reserve, n. of Ft. Collins Drummond at old homestead site, 6499' elev., mv light at house	26-May-09		CEH
<i>Raphia coloradensis</i> collected with Scott Ellis and Bryce Drummond at old homestead site, 6499' elev., mv light at house	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	26-Jun-09	27-Jun-09	CEH
<i>Raphia frater</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	EAGLE: Edwards, off I-70 at mkr #163,	06-Jul-09		BKB
<i>Acronicta barnesii</i> at store lights, 7493' elev., 11pm	LAKE: Leadville, downtown Hwy. 24 nr. E. 9th Street, at store lights, 10203' elev., 3:30am	18-May-09		CEH
<i>Acronicta cyanescens</i> at store lights, 10203' elev., 3:30am	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	10-Jul-09		CEH
<i>Acronicta cyanescens</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	EAGLE: Minturn, downtown along Hwy. 24 s. of I-70	23-Jul-09		BKB
<i>Acronicta impressa</i> at store lights, 7874' elev., 1am	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	10-Jul-09		CEH
<i>Acronicta lepusculina</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	EAGLE: Minturn, downtown along Hwy. 24 s. of I-70	19-Jul-09		BKB
<i>Acronicta radcliffei</i> at store lights, 7874' elev., 1am	EAGLE: Minturn, downtown along Hwy. 24 s. of I-70	10-Jul-09		CEH
<i>Acronicta vulpina</i> at store lights, 7874' elev., 1am	EAGLE: Gypsum, between Hwy. 6 and I-70, exit #140	10-Jul-09		CEH
<i>Merolonche lupini</i> taken at store lights, 6312' elev.		19-May-09		CEH

Merolonche lupini at store lights, 10203' elev., 3:30am	LAKE: Leadville, downtown Hwy. 24 nr. E. 9th Street,	10-Jul-09		CEH
Merolonche lupini at store lights, 7874' elev., 1am	Eagle: Minturn, downtown along Hwy. 24 s. of I-70	10-Jul-09		CEH
Alypia octomaculata Pinyon-juniper grassland, 4754' elev.	Baca: Carrizo Creek Picnic area, Rd. M at CR #539,	27-Apr-09		CEH
Androloma maccullochii photo documentation by Clay Bowers, jct. of Canon Ricon Trail and South Fork Conejos Trail	CONEJOS: San Juan Wilderness, near Blue Lake	04-Jul-09		CEH
Cucullia astigma lights at city limits mkr., 7648' elev., 2:30am	RIO GRANDE : e. end of Monte Vista, along Hwy. 160	16-Jun-09		CEH
Cucullia astigma at store lights, 7874' elev., 1am	Eagle: Minturn, downtown along Hwy. 24 s. of I-70	10-Jul-09		CEH
Cucullia dorsalis taken with Justin Willis at store lights, 6637' elev.	EAGLE: Eagle, between Hwy. 6 and I-70, exit #147	09-May-09	10-May-09	CEH
Cucullia dorsalis black sage/rabbitbrush, at lights, 7962' elev., 1am	COSTILLA: 1.5 mi. w. of Ft. Garland, Sierra Grande School	16-Jun-09		CEH
Cucullia dorsalis taken by Justin Willis at border to open meadows, UV trap at residence, 7753' elev.	CHAFFEE: Nathrop, along Hwy #285	28-Jun-09		CEH
Cucullia eulepis taken at store lights, 6312' elev.	EAGLE: Gypsum, between Hwy. 6 and I-70, exit #140	05-Jun-09		CEH
Cucullia intermedia black sage/rabbitbrush, at lights, 7962' elev., 1am	Costilla: 1.5 mi. w. of Ft. Garland, Sierra Grande School	16-Jun-09		CEH
Cucullia intermedia lights at city limits mkr., 7648' elev., 2:30am	RIO GRANDE : e. end of Monte Vista, along Hwy. 160	16-Jun-09		CEH
Cucullia speyeri taken at store lights, 6312' elev.	EAGLE: Gypsum, between Hwy. 6 and I-70, exit #140	19-May-09		CEH
Cucullia strigata taken with Justin Willis at store lights, 6312' elev.	EAGLE: Gypsum, between Hwy. 6 and I-70, exit #140	10-May-09	19-May-09	CEH
Homohadena fifia taken off roadside, uv trap, sage/rabbitbrush/juniper, 6745' elev.	EAGLE: 1 mi. N. of Eagle, Eby Creek Road,	21-Aug-09	22-Aug-09	CEH
Sympistis albifasciata Elliott Crk. Campgnd., rabbitbrush/juniper/sagebrush assoc., uv trap, 8005' elev.	SUMMIT: Green Mtn. Reservoir, 1 mi. w. of Heeney	19-Aug-09	20-Aug-09	CEH
Sympistis chandleri taken at uv & mv light traps, 6985' elev. 12am.	EAGLE: 3 mi. NW of Dotsero,	17-Aug-09		CEH
Sympistis chandleri taken off roadside at Beaver Creek, uv trap, dry conifer forest, 8924' elev.	Grand: Beaver Cr. Rd., 9 mi. SE of Parshall, Beaver Cr.	19-Aug-09		CEH
Sympistis chandleri taken off roadside, uv trap, pinyon/juniper/sage, 7083' elev.	Eagle: 2.5 mi. N. of Eagle, Eby Creek Road,	21-Aug-09	22-Aug-09	CEH
Sympistis figurata collected with Scott Ellis and Bryce Drummond at old homestead site, 6499' elev., mv light at house	Larimer: Soapstone Nature Reserve, n. of Ft. Collins	26-Jun-09	27-Jun-09	CEH
Sympistis homogena taken off roadside, mv lights, dry conifer forest, 9344' elev.	Grand: Beaver Creek Rd., 10 mi. SE of Parshall,	19-Aug-09		CEH
Sympistis occata sand sage/grass prairie, 5072' elev.	LINCOLN : Hugo, .75 mi n. of Hwy. #285, High School lights	20-Sep-09	21-Sep-09	HTG
Sympistis occata sand sage/grass prairie, 4453' elev.	Cheyenne : Wild Horse, Post Office, Hwy. 287 at mv lights	20-Sep-09		HTG
Sympistis poliochroa taken off roadside, mv lights, dry conifer forest, 9344' elev.	Grand: Beaver Creek Rd., 10 mi. SE of Parshall,	19-Aug-09		CEH
Sympistis sanina taken off roadside, uv trap, pinyon/juniper/sage, 7083' elev.	EAGLE: 2.5 mi. N. of Eagle, Eby Creek Road,	21-Aug-09	22-Aug-09	CEH
Sympistis sanina sand sage/grass prairie, 5072' elev.	LINCOLN : Hugo, .75 mi n. of Hwy. #285, High School lights	20-Sep-09	21-Sep-09	HTG
Sympistis sanina taken at church lights, 4298' elev.,	CHEYENNE : downtown Kit Carson, E. 1st ave at Church St.,	20-Sep-09		HTG
Sympistis umbrifascia taken off roadside, uv trap, pinyon/juniper/sage, 7083' elev.	EAGLE: 2.5 mi. N. of Eagle, Eby Creek Road,	21-Aug-09	22-Aug-09	CEH
Cerapoda stylata Colorado State Veteran's Hospital mv. lights, 6454' elev., 11pm	HUERFANO: Walsenburg, w. of town Hwy. #160	15-Jun-09	16-Jun-09	CEH
Cerapoda stylata uv light trap, 7559' elev., 2am	ALAMOSA: E. of Alamosa downtown, along Hwy. #160	16-Jun-09		CEH
Amphipyra glabella riparian area along Deer Creek Canyon	JEFFERSON: Deer Creek Cyn., SW of Littleton, w. of Hogback	27-Sep-09	28-Sep-09	CEH
Pyrrhia exprimens taken by Justin Willis at border to open meadows, UV trap at residence, 7753' elev.	Chaffee: Nathrop, along Hwy #285	02-Jun-09	06-Jun-09	CEH
Helicoverpa zea ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	14-Sep-09	19-Sep-09	BKB
Heliothis australis taken by Justin Willis at border to open meadows, UV trap at residence, 7753' elev.	CHAFFEE: Nathrop, along Hwy #285	17-Jun-09	04-Jul-09	CEH

<i>Heliothis phloxiphagus</i> riparian area along Deer Creek Canyon	JEFFERSON: Deer Creek Cyn., SW of Littleton, w. of Hogback	05-May-09	06-May-09	CEH
<i>Heliothis phloxiphagus</i> store mv lights, 5293'elev., 1a.m.	FREMONT: Penrose, 1 mi s. Hwy. 50, Hwy 115	26-May-09		CEH
<i>Schinia acutilinea</i> Deep Creek Rd. below Onion Ridge,	EAGLE: 3 mi. NW of Dotsero, taken at uv & mv light traps, 6985' elev. <12am.	17-Aug-09		CEH
<i>Schinia cupes</i> store mv lights, 5293'elev., 1a.m.	FREMONT: Penrose, 1 mi s. Hwy. 50, Hwy 115	26-May-09		CEH
<i>Schinia masoni</i> collected with Scott Ellis and Bryce Drummond at ridgetop above and E. of Cedar Canyon, 7162' elev., on Gaillardia	Larimer: Soapstone Nature Reserve, n. of Ft. Collins	26-Jun-09	27-Jun-09	CEH
<i>Schinia meadi</i> Colorado State Veteran's Hospital mv. lights, 6454' elev., 11pm	HUERFANO: Walsenburg, w. of town Hwy. #160	15-Jun-09		CEH
<i>Schinia snowi</i> store mv lights, 5293'elev., 1a.m.	FREMONT: Penrose, 1 mi s. Hwy. 50, Hwy 115	26-May-09		CEH
<i>Condica discistriga</i> Hwy. #121 s. of C-470, 5470' elev. at Nature Center lights	Jefferson: Lockheed-Martin Park/Waterton Cyn.	14-May-09		CEH
<i>Condica discistriga</i> Rampart Range Rd., at store lights, 5680' elev.	Douglas: Roxborough, S. of Roxborough SP	15-May-09		CEH
<i>Condica discistriga</i> store mv lights, 5293'elev., 1a.m.	Fremont: Penrose, 1 mi s. Hwy. 50, Hwy 115	26-May-09		CEH
<i>Condica discistriga</i> taken at store lights, 6312' elev.	EAGLE: Gypsum, between Hwy. 6 and I-70, exit #140	05-Jun-09		CEH
<i>Condica discistriga</i> collected with Scott Ellis and Bryce Drummond at old homestead site, 6499' elev., mv light at house	Larimer: Soapstone Nature Reserve, n. of Ft. Collins	26-Jun-09	27-Jun-09	CEH
<i>Cryphia olivacea</i> Deep Creek Rd. below Onion Ridge, taken at uv & mv light traps, 6985' elev. <12am.	EAGLE: 3 mi. NW of Dotsero,	17-Aug-09		CEH
<i>Cryphia olivacea</i> taken off roadside at Beaver Creek, uv trap, dry conifer forest, 8924' elev.	Grand: Beaver Cr. Rd., 9 mi. SE of Parshall, Beaver Cr.	19-Aug-09		CEH
<i>Bryolymnia semifascia</i> at mv store light, Pinyon/juniper/oak assoc., 6345' elev., 10pm	LAS ANIMAS : Starkville, east off I-25, exit #10	15-Jun-09		CEH
<i>Bryolymnia semifascia</i> Colorado State Veteran's Hospital mv. lights, 6454' elev., 11pm	HUERFANO: Walsenburg, w. of town Hwy. #160	15-Jun-09	16-Jun-09	CEH
<i>Bryolymnia semifascia</i> at store lights, 6637' elev., 11pm	EAGLE: Eagle, between Hwy. 6 and I-70, exit #147	10-Jul-09		CEH
<i>Caradrina camina</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	17-Aug-09	26-Aug-09	BKB
<i>Caradrina camina</i> Deep Creek Rd. below Onion Ridge, taken at uv & mv light traps, 6985' elev. <12am.	EAGLE: 3 mi. NW of Dotsero,	17-Aug-09		CEH
<i>Caradrina camina</i> Elliott Crk. Campgnd., rabbitbrush/juniper/sagebrush assoc., uv trap, 8005' elev.	SUMMIT: Green Mtn. Reservoir, 1 mi. w. of Heeney	19-Aug-09	20-Aug-09	CEH
<i>Caradrina meralis</i> Deep Creek Rd. below Onion Ridge, taken at uv & mv light traps, 6985' elev. <12am.	EAGLE: 3 mi. NW of Dotsero,	17-Aug-09		CEH
<i>Cosmia calami</i> Deep Creek Rd. below Onion Ridge, taken at uv & mv light traps, 6985' elev. <12am.	EAGLE: 3 mi. NW of Dotsero,	17-Aug-09		CEH
<i>Cosmia praeacuta</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	21-Aug-09	25-Aug-09	BKB
<i>Enargia decolor</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	01-Aug-09	14-Aug-09	BKB
<i>Enargia decolor</i> taken off roadside, uv trap, pinyon/juniper/sage, 7083' elev.	EAGLE: 2.5 mi. N. of Eagle, Eby Creek Road,	21-Aug-09	22-Aug-09	CEH
<i>Ipimorpha pleonectusa</i> taken at uv & mv lights, 8000' elev., 11pm	Park : downtown Bailey, Hwy. #285/ Post Office lights	09-Aug-09		CEH
<i>Ipimorpha pleonectusa</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	23-Aug-09	17-Sep-09	BKB
<i>Hyppa brunneicrista</i> taken at uv & mv lights, 8028' elev., 11pm	PARK : w. of Bailey, Hwy #285, Platte Cyn. High School	30-May-09		CEH
<i>Hyppa brunneicrista</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	11-Jul-09		BKB
<i>Aseptis dilara</i> taken off roadside, mv lights, dry conifer forest, 9344' elev.	Grand: Beaver Creek Rd., 10 mi. SE of Parshall,	19-Aug-09		CEH
<i>Aseptis dilara</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	23-Aug-09	01-Sep-09	BKB
<i>Pseudanarta crocea</i> Elliott Crk. Campgnd., rabbitbrush/juniper/sagebrush assoc., uv trap, 8005' elev.	SUMMIT: Green Mtn. Reservoir, 1 mi. w. of Heeney	19-Aug-09	20-Aug-09	CEH
<i>Pseudanarta crocea</i> taken off roadside, uv trap, sage/rabbitbrush/juniper, 6745' elev.	EAGLE: 1 mi. N. of Eagle, Eby Creek Road,	21-Aug-09	22-Aug-09	CEH
<i>Pseudanarta flavidens</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	21-Jul-09	23-Aug-09	BKB

<i>Pseudanarta flavidens</i>	SUMMIT: Green Mtn. Reservoir, 1 mi. w. of Heeney Elliott Crk. Campgnd., rabbitbrush/juniper/sagebrush assoc., uv trap, 8005' elev.	19-Aug-09	20-Aug-09	CEH
<i>Pseudanarta flavidens</i>	GRAND: Beaver Cr. Rd., 9 mi. SE of Parshall, Beaver Cr. taken off roadside at Beaver Creek, uv trap, dry conifer forest, 8924' elev.	19-Aug-09		CEH
<i>Apamea alia</i>	EAGLE: Edwards, off I-70 at mkr #163, at store lights, 7493' elev., 10pm	09-Jul-09		CEH
<i>Apamea amputatrix ponderosa</i>	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon and lodgepole pine/fir association, at mv light, 8839' elev.,	10-Jul-09	30-Aug-09	BKB
<i>Apamea amputatrix</i>	Park : downtown Bailey, Hwy. #285/ Post Office lights taken at uv & mv lights, 8000' elev., 11pm	09-Aug-09		CEH
<i>Apamea amputatrix</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>Apamea amputatrix</i>	SUMMIT: Green Mtn. Reservoir, 1 mi. w. of Heeney Elliott Crk. Campgnd., rabbitbrush/juniper/sagebrush assoc., uv trap, 8005' elev.	19-Aug-09	20-Aug-09	CEH
<i>Apamea atosuffusa</i>	HUERFANO: Walsenburg, w. of town Hwy. #160 Colorado State Veteran's Hospital mv. lights, 6454' elev., 11pm	15-Jun-09	16-Jun-09	CEH
<i>Apamea atosuffusa</i>	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	05-Aug-09	15-Sep-09	BKB
<i>Apamea burgessi leucoptera</i>	ADAMS: Bennett, Old Victory Hwy., at Kiowa Cr. bridge, uv trap, 5410' elev.,	20-Sep-09	21-Sep-09	HTG
<i>Apamea burgessi leucoptera</i>	Cheyenne : Wild Horse, Post Office, Hwy. 287 at mv lights sand sage/grass prairie, 4453' elev.	20-Sep-09		HTG
<i>Apamea cincta</i>	LAKE: Leadville, downtown Hwy. 24 nr. E. 9th Street, at store lights, 10203' elev., 3:30am	10-Jul-09		CEH
<i>Apamea devastator</i>	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	16-Aug-09	25-Aug-09	BKB
<i>Apamea devastator</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>Apamea inficita indela</i>	EAGLE: Gypsum, between Hwy. 6 and I-70, exit #140 taken at store lights, 6312' elev.	18-Aug-09		CEH
<i>Apamea inficita indela</i>	SUMMIT: Green Mtn. Reservoir, 1 mi. w. of Heeney Elliott Crk. Campgnd., rabbitbrush/juniper/sagebrush assoc., uv trap, 8005' elev.	19-Aug-09	20-Aug-09	CEH
<i>Apamea inordinata semilunata</i>	Larimer: Soapstone Nature Reserve, n. of Ft. Collins collected with Scott Ellis and Bryce Drummond at old homestead site, 6499' elev., mv light at house	26-Jun-09	27-Jun-09	CEH
<i>Apamea lignicolora</i>	EAGLE: Minturn, downtown along Hwy. 24 s. of I-70 at store lights, 7874' elev., 1am	10-Jul-09		CEH
<i>Apamea lignicolora</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>Apamea lignicolora</i>	Grand: Beaver Creek Rd., 10 mi. SE of Parshall, taken off roadside, mv lights, dry conifer forest, 9344' elev.	19-Aug-09		CEH
<i>Apamea longula</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>Apamea occidens</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>Apamea scoparia</i>	CHAFFEE: Nathrop, along Hwy #285 taken by Justin Willis at border to open meadows, UV trap at residence, 7753' elev.	20-Jun-09	28-Jun-09	CEH
<i>Apamea scoparia</i>	Larimer: Soapstone Nature Reserve, n. of Ft. Collins also Scott Ellis & Bryce Drummond, top of Cedar Canyon, grassland w/Cerocarpus, 6820'	26-Jun-09	27-Jun-09	CEH
<i>Apamea scoparia</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>Apamea spaldingi</i>	Chaffee: Nathrop, along Hwy #285 taken by Justin Willis at border to open meadows, UV trap at residence, 7753' elev.	02-Jun-09	06-Jun-09	CEH
<i>Eremobina hanhami</i>	CHAFFEE: Nathrop, along Hwy #285 taken by Justin Willis at border to open meadows, UV trap at residence, 7753' elev.	07-Aug-08	08-Aug-08	CEH
<i>Eremobina hanhami</i>	LAKE: Leadville, downtown Hwy. 24 nr. E. 9th Street, at store lights, 10203' elev., 3:30am	10-Jul-09		CEH
<i>Oligia fractilinea</i>	CHAFFEE: Nathrop, along Hwy #285 taken by Justin Willis at border to open meadows, UV trap at residence, 7753' elev.	10-Aug-08		CEH
<i>Amphipoea americana</i>	SUMMIT: Green Mtn. Reservoir, 1 mi. w. of Heeney Elliott Crk. Campgnd., rabbitbrush/juniper/sagebrush assoc., uv trap, 8005' elev.	19-Aug-09	20-Aug-09	CEH
<i>Amphipoea senilis</i>	EAGLE: 2.5 mi. N. of Eagle, Eby Creek Road, taken off roadside, uv trap, pinyon/juniper/sage, 7083' elev.	21-Aug-09	22-Aug-09	CEH
<i>Xylena brucei</i>	EAGLE: Eagle, between Hwy. 6 and I-70, exit #147 taken with Justin Willis at store lights, 6637' elev.	09-May-09	10-May-09	CEH
<i>Xylena brucei</i>	GARFIELD: W. Glenwood Springs, n. off I-70 at mkr. 114 taken at store lights, 5751' elev., 3am,	19-May-09		CEH
<i>Xylena brucei</i>	JEFFERSON: Conifer, along Hwy. 285 at mv street lights 8310' elev., 11:30pm	29-May-09		CEH

Xylena nupera	CHAFFEE: Nathrop, along Hwy #285 taken by Justin Willis at border to open meadows, UV trap at residence, 7753' elev.	21-Apr-09		CEH
Xylena nupera	COSTILLA: 1.5 mi. w. of Ft. Garland, Sierra Grande School black sage/rabbitbrush, at lights, 7962' elev., 1am	16-Jun-09		CEH
Xylena nupera	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	20-Sep-09		BKB
Homoglaea carbonaria	Jefferson: Tintown, S. Turkey Creek Rd., s. of Hwy. #285 ul trap set along trails above train park, 6890' elev.	07-May-08		CEH
Homoglaea carbonaria	JEFFERSON: Deer Creek Cyn., SW of Littleton, w. of Hogback riparian area along Deer Creek Canyon	05-May-09	06-May-09	CEH
Homoglaea carbonaria	EAGLE: Eagle, between Hwy. 6 and I-70, exit #147 taken at store lights, 6637' elev.	18-May-09		CEH
Homoglaea carbonaria	CHAFFEE: Nathrop, along Hwy #285 taken by Justin Willis at border to open meadows, UV trap at residence, 7753' elev.	20-May-09		CEH
Litholomia napaea	EAGLE: Edwards, off I-70 at mkr #163, at store lights, 7493' elev., 11pm	18-May-09		CEH
Lithophane ponderosa	PARK : downtown Bailey, Hwy. #285/ Post Office lights taken at uv & mv lights, 8000' elev., 10am	16-Jun-09		CEH
Euciroedia pampina	Jefferson: Deer Creek Cyn., SW of Littleton, w. of Hogback riparian area along Deer Creek Canyon	27-Sep-09	28-Sep-09	CEH
Mesogona olivata	JEFFERSON: Deer Creek Cyn., SW of Littleton, w. of Hogback riparian area along Deer Creek Canyon	27-Sep-09	28-Sep-09	CEH
Brachylochia algens	GRAND: Beaver Creek Rd., 10 mi. SE of Parshall, taken off roadside, mv lights, dry conifer forest, 9344' elev.	19-Aug-09		CEH
Brachylochia discinigr	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	23-Aug-09	07-Sep-09	BKB
Brachylochia populi	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	07-Aug-09	19-Aug-09	BKB
Brachylochia populi	PARK : downtown Bailey, Hwy. #285/ Post Office lights taken at uv & mv lights, 8000' elev., 11pm	09-Aug-09		CEH
Brachylochia populi	SUMMIT: Green Mtn. Reservoir, 1 mi. w. of Heeney Elliott Crk. Campgnd., rabbitbrush/juniper/sagebrush assoc., uv trap, 8005' elev.	19-Aug-09	20-Aug-09	CEH
Parastichtis suspecta	SUMMIT: Green Mtn. Reservoir, 1 mi. w. of Heeney Elliott Crk. Campgnd., rabbitbrush/juniper/sagebrush assoc., uv trap, 8005' elev.	19-Aug-09	20-Aug-09	CEH
Andropolia contacta	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	11-Aug-09	24-Aug-09	BKB
Andropolia theodori	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
Andropolia theodori	Grand: Beaver Cr. Rd., 9 mi. SE of Parshall, Beaver Cr. taken off roadside at Beaver Creek, uv trap, dry conifer forest, 8924' elev.	19-Aug-09		CEH
Rhizagrotis albalis	EAGLE: Gypsum, between Hwy. 6 and I-70, exit #140 taken at store lights, 6312' elev.	05-Jun-09	09-Jul-09	CEH
Ufeus satyricus	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	28-Sep-09		BKB
Perigonica eldana	LAS ANIMAS : Starkville, east off I-25, exit #10 at mv store light, Pinyon/juniper/oak assoc., 6345' elev.	26-Apr-09	27-Apr-09	CEH
Perigonica tertia	EAGLE: Eagle, between Hwy. 6 and I-70, exit #147 taken with Justin Willis at store lights, 6637' elev.	09-May-09	10-May-09	CEH
Stretchia muricina	LAS ANIMAS : Starkville, east off I-25, exit #10 at mv store light, Pinyon/juniper/oak assoc., 6345' elev.	26-Apr-09	27-Apr-09	CEH
Stretchia plusiaeformis	CLEAR CREEK : Georgetown, 1 mi w. off I-70 at marker #228, riparian area w. of Clear Cr., 8524' elev., at lights, 9am	19-May-09	23-May-09	CEH
Orthosia hibisci	Jefferson: SW Littleton; 8834 W. Quarto Avenue residential backyard, at uv trap, 5700' elev.,	14-Apr-09	15-Apr-09	CEH
Orthosia hibisci	GARFIELD: Glenwood Springs, 2 mi s. of I-70 along Hwy 82 taken at store lights, 5856' elev., 3 a.m.,	19-May-09		CEH
Orthosia hibisci	CHAFFEE: Nathrop, along Hwy #285 taken by Justin Willis at border to open meadows, UV trap at residence, 7753' elev.	20-May-09		CEH
Orthosia revicta	Jefferson: Deer Creek Cyn., SW of Littleton, w. of Hogback riparian area along Deer Creek Canyon	05-May-09	06-May-09	CEH
Orthosia revicta	GARFIELD: Glenwood Springs, 2 mi s. of I-70 along Hwy 82 taken at store lights, 5856' elev., 3 a.m.	19-May-09		CEH
Egira crucialis	JEFFERSON: SW Littleton; 8834 W. Quarto Avenue residential backyard, at uv trap, 5700' elev.,	14-Apr-09	15-Apr-09	CEH
Egira crucialis	Chaffee: Nathrop, along Hwy #285 taken by Justin Willis at border to open meadows, UV trap at residence, 7753' elev.	20-May-09		CEH
Egira rubrica	LAS ANIMAS : SE of Aguilar, Hwy. I-25, El Moro Rest Stop at rest stop lights, 12 a.m. 6253' elev.	27-Apr-09		CEH

<i>Egira variabilis</i> ul trap set along trails above train park, 6890' elev.	Jefferson: Tintytown, S. Turkey Creek Rd., s. of Hwy. #285	07-May-08		CEH
<i>Egira variabilis</i> residential backyard, at uv trap, 5700' elev.,	JEFFERSON: SW Littleton; 8834 W. Quarto Avenue	14-Apr-09	15-Apr-09	CEH
<i>Egira variabilis</i> at mv store light, Pinyon/juniper/oak assoc., 6345' elev.	LAS ANIMAS : Starkville, east off I-25, exit #10	26-Apr-09	27-Apr-09	CEH
<i>Egira variabilis</i> riparian area at store lights, e. of downtown, 6168' elev., 1 a.m.	HUERFANO: Walsenburg, Hwy. #10 @ business loop I-25,	27-Apr-09		CEH
<i>Egira variabilis</i> taken with Justin Willis at store lights, 6637' elev.	EAGLE: Eagle, between Hwy. 6 and I-70, exit #147	09-May-09	10-May-09	CEH
<i>Egira variabilis</i> riparian area w. of Clear Cr., 8524' elev., at lights, 9 a.m.	CLEAR CREEK : Georgetown, 1 mi w. off I-70 at marker #228,	19-May-09	23-May-09	CEH
<i>Egira variabilis</i> taken by Justin Willis along Hwy 285; at San Isabel National Forest, 8030' elev.; 1 a.m.	Chaffee: Centerville, 15 mi S. of Buena Vista	19-May-09		CEH
<i>Nephelodes carminata</i> taken at uv & mv lights, 8000' elev., 11pm	Park : downtown Bailey, Hwy. #285/ Post Office lights	09-Aug-09		CEH
<i>Nephelodes minians</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	10-Aug-09	30-Aug-09	BKB
<i>Anarta crotchii</i> taken at store lights, 5751' elev., 3am,	Garfield: W. Glenwood Springs, n. off I-70 at mkr. 114	19-May-09		CEH
<i>Anarta crotchii</i> taken at store lights, 7402' elev., 3a.m.	GRAND: Kremmling; Hwy. 40,	05-Jun-09		CEH
<i>Anarta farnhami</i> at store lights, 7874' elev., 1am	EAGLE: Minturn, downtown along Hwy. 24 s. of I-70	10-Jul-09		CEH
<i>Anarta farnhami</i> at store lights, 10203' elev., 3:30am	LAKE: Leadville, downtown Hwy. 24 nr. E. 9th Street,	10-Jul-09		CEH
<i>Anarta oregonica</i> at store lights, 10203' elev., 3:30am	LAKE: Leadville, downtown Hwy. 24 nr. E. 9th Street,	10-Jul-09		CEH
<i>Anarta oregonica</i> at store lights, 7874' elev., 1am	EAGLE: Minturn, downtown along Hwy. 24 s. of I-70	10-Jul-09		CEH
<i>Anarta oregonica</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	08-Sep-09		BKB
<i>Anarta trifolii</i> collected with Scott Ellis and Bryce Drummond at old homestead site, 6499' elev., mv light at house	Larimer: Soapstone Nature Reserve, n. of Ft. Collins	26-Jun-09	27-Jun-09	CEH
<i>Anarta trifolii</i> at store lights, 10203' elev., 3:30am	LAKE: Leadville, downtown Hwy. 24 nr. E. 9th Street,	10-Jul-09		CEH
<i>Scotogramma fervida</i> taken at store mv lights, 6364' elev.,	FREMONT: Cotopaxi, along Hwy 50, Arkansas River Canyon	26-May-09		CEH
<i>Scotogramma fervida</i> uv light trap, 7559' elev., 2am	ALAMOSA: E. of Alamosa downtown, along Hwy. #160	16-Jun-09		CEH
<i>Tridepia nova</i> taken at store lights, 6637' elev.	EAGLE: Eagle, between Hwy. 6 and I-70, exit #147	18-May-09		CEH
<i>Sideridis fuscolutea</i> taken by Justin Willis at border to open meadows, UV trap at residence, 7753' elev.	CHAFFEE: Nathrop, along Hwy #285	26-May-09		CEH
<i>Sideridis rosea</i> black sage/rabbitbrush, at lights, 7932' elev., 12:30am	Costilla: Ft. Garland, Hwy. #159 at Hwy. #160	16-Jun-09		CEH
<i>Admetovis oxymorus</i> at store lights, 10203' elev., 3:30am	LAKE: Leadville, downtown Hwy. 24 nr. E. 9th Street,	10-Jul-09		CEH
<i>Mamestra configurata</i> Colorado State Veteran's Hospital mv. lights, 6454' elev., 11pm	HUERFANO: Walsenburg, w. of town Hwy. #160	15-Jun-09	16-Jun-09	CEH
<i>Polia detracta</i> riparian area along Deer Creek Canyon	JEFFERSON: Deer Creek Cyn., SW of Littleton, w. of Hogback	16-Jun-08	04-Jul-08	CEH
<i>Polia nugatis</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	23-Jul-09	17-Aug-09	BKB
<i>Polia nugatis</i> taken at uv & mv lights, 8000' elev., 11pm	Park : downtown Bailey, Hwy. #285/ Post Office lights	09-Aug-09		CEH
<i>Polia nugatis</i> at post office mv lights, 8455' elev., 12am	Jefferson: Pine Junction, off Hwy. #285 on Mt. Evans road	10-Aug-09		CEH
<i>Polia purpurissata</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	03-Aug-09	26-Aug-09	BKB
<i>Polia purpurissata</i> Deep Creek Rd. below Onion Ridge, taken at uv & mv light traps, 6985' elev. <12am.	EAGLE: 3 mi. NW of Dotsero,	17-Aug-09		CEH
<i>Melanchra picta</i> lights at city limits mkr., 7648' elev., 2:30am	RIO GRANDE : e. end of Monte Vista, along Hwy. 160	16-Jun-09		CEH
<i>Melanchra picta</i> taken by Justin Willis at border to open meadows, UV trap at residence, 7753' elev.	Chaffee: Nathrop, along Hwy #285	17-Jun-09	04-Jul-09	CEH
<i>Papestra brenda</i> taken by Justin Willis at border to open meadows, UV trap at residence, 7753' elev.	CHAFFEE: Nathrop, along Hwy #285	02-Jun-09	06-Jun-09	CEH

Papestra brenda taken at store lights, 6637' elev.	EAGLE: Eagle, between Hwy. 6 and I-70, exit #147	04-Jun-09		CEH
Papestra brenda collected with Scott Ellis and Bryce Drummond at old homestead site, 6499' elev., mv light at house	Larimer: Soapstone Nature Reserve, n. of Ft. Collins	26-Jun-09	27-Jun-09	CEH
Papestra brenda at store lights, 10203' elev., 3:30am	LAKE: Leadville, downtown Hwy. 24 nr. E. 9th Street,	10-Jul-09		CEH
Papestra quadrata at store lights, 10203' elev., 3:30am	LAKE: Leadville, downtown Hwy. 24 nr. E. 9th Street,	10-Jul-09		CEH
Papestra quadrata at store lights, 7874' elev., 1am	EAGLE: Minturn, downtown along Hwy. 24 s. of I-70	10-Jul-09		CEH
Hada sutrina at store lights, 10203' elev., 3:30am	LAKE: Leadville, downtown Hwy. 24 nr. E. 9th Street,	10-Jul-09		CEH
Faronta diffusa at store lights, 10203' elev., 3:30 am	LAKE: Leadville, downtown Hwy. 24 nr. E. 9th Street,	10-Jul-09		CEH
Mythimna unipuncta ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	26-Sep-09		BKB
Leucania imperfecta taken at store lights, 6312' elev.	EAGLE: Gypsum, between Hwy. 6 and I-70, exit #140	05-Jun-09		CEH
Lasionycta perplexa at store lights, 7874' elev., 1am	EAGLE: Minturn, downtown along Hwy. 24 s. of I-70	10-Jul-09		CEH
Lasionycta perplexa at store lights, 10203' elev., 3:30am	LAKE: Leadville, downtown Hwy. 24 nr. E. 9th Street,	10-Jul-09		CEH
Lasionycta subfuscula at store lights, 7874' elev., 1am	EAGLE: Minturn, downtown along Hwy. 24 s. of I-70	10-Jul-09		CEH
Lacinipolia incurva riparian area at store lights, e. of downtown, 6168' elev., 1 am	HUERFANO: Walsenburg, Hwy. #10 @ business loop I-25,	27-Apr-09		CEH
Lacinipolia naevia at store lights, 10203' elev., 3:30am	LAKE: Leadville, downtown Hwy. 24 nr. E. 9th Street,	10-Jul-09		CEH
Lacinipolia olivacea taken at uv & mv lights, 8000' elev., 11pm	Park : downtown Bailey, Hwy. #285/ Post Office lights	09-Aug-09		CEH
Lacinipolia olivacea Deep Creek Rd. below Onion Ridge, taken at uv & mv light traps, 6985' elev. <12am.	EAGLE: 3 mi. NW of Dotsero,	17-Aug-09		CEH
Lacinipolia olivacea Elliott Crk. Campgnd., rabbitbrush/juniper/sagebrush assoc., uv trap, 8005' elev.	SUMMIT: Green Mtn. Reservoir, 1 mi. w. of Heeney	19-Aug-09	20-Aug-09	CEH
Lacinipolia pensilis taken at store lights, 6637' elev.	EAGLE: Eagle, between Hwy. 6 and I-70, exit #147	04-Jun-09		CEH
Lacinipolia pensilis collected with Scott Ellis and Bryce Drummond at old homestead site, 6499' elev., mv light at house	Larimer: Soapstone Nature Reserve, n. of Ft. Collins	26-Jun-09	27-Jun-09	CEH
Lacinipolia pensilis Elliott Crk. Campgnd., rabbitbrush/juniper/sagebrush assoc., uv trap, 8005' elev.	SUMMIT: Green Mtn. Reservoir, 1 mi. w. of Heeney	19-Aug-09	20-Aug-09	CEH
Lacinipolia renigera store mv lights, 5293'elev., 1a.m.	FREMONT: Penrose, 1 mi s. Hwy. 50, Hwy 115	26-May-09		CEH
Lacinipolia strigicollis Elliott Crk. Campgnd., rabbitbrush/juniper/sagebrush assoc., uv trap, 8005' elev.	SUMMIT: Green Mtn. Reservoir, 1 mi. w. of Heeney	19-Aug-09	20-Aug-09	CEH
Lacinipolia strigicollis taken off roadside, uv trap, sage/rabbitbrush/juniper, 6745' elev.	EAGLE: 1 mi. N. of Eagle, Eby Creek Road,	21-Aug-09	22-Aug-09	CEH
Lacinipolia vicina taken at store lights, 6637' elev.	EAGLE: Eagle, between Hwy. 6 and I-70, exit #147	04-Jun-09		CEH
Lacinipolia vicina black sage/rabbitbrush, at lights, 7962' elev., 1am	Costilla: 1.5 mi. w. of Ft. Garland, Sierra Grande School	16-Jun-09		CEH
Lacinipolia vicina collected with Scott Ellis and Bryce Drummond at old homestead site, 6499' elev., mv light at house	Larimer: Soapstone Nature Reserve, n. of Ft. Collins	26-Jun-09	27-Jun-09	CEH
Homorthodes reliqua ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	17-Jul-09		BKB
Protorthodes oviduca at mv store light, Pinyon/juniper/oak assoc., 6345' elev.	LAS ANIMAS : Starkville, east off I-25, exit #10	26-Apr-09	27-Apr-09	CEH
Protorthodes utahensis at store lights, 7493' elev., 10pm	EAGLE: Edwards, off I-70 at mkr #163,	09-Jul-09		CEH
Ulolonche consopita taken at store mv lights, 6364' elev.,	FREMONT: Cotopaxi, along Hwy 50, Arkansas River Canyon	26-May-09		CEH
Ulolonche disticha at mv store light, Pinyon/juniper/oak assoc., 6345' elev., 10pm	LAS ANIMAS : Starkville, east off I-25, exit #10	15-Jun-09		CEH
Ulolonche disticha collected with Scott Ellis and Bryce Drummond at old homestead site, 6499' elev., mv light at house	Larimer: Soapstone Nature Reserve, n. of Ft. Collins	26-Jun-09	27-Jun-09	CEH
Ulolonche orbiculata taken at halogen lights, 6480' elev., 12 a.m.	EI Paso: ssw of Colorado Springs, Hwy. #115 at mkr. #30.2	26-May-09		CEH
Ulolonche orbiculata taken at store lights, 7900' elev., 3:30 a.m.	CUSTER : Westcliffe, Hwy. 96 at Hwy. 69,	26-May-09		CEH

Ulolonche orbiculata taken at store mv lights, 6364' elev.,	Fremont: Cotopaxi, along Hwy 50, Arkansas River Canyon	26-May-09		CEH
Ulolonche orbiculata taken at store lights, 6637' elev.	EAGLE: Eagle, between Hwy. 6 and I-70, exit #147	04-Jun-09		CEH
Ulolonche orbiculata at mv store light, Pinyon/juniper/oak assoc., 6345' elev., 10pm	LAS ANIMAS : Starkville, east off I-25, exit #10	15-Jun-09		CEH
Hexorthodes agrotiformis taken by Justin Willis at border to open meadows, UV trap at residence, 7753' elev.	CHAFFEE: Nathrop, along Hwy #285	10-Aug-08		CEH
Neleucania bicolorata at mv store light, Pinyon/juniper/oak assoc., 6345' elev., 10pm	LAS ANIMAS : Starkville, east off I-25, exit #10	15-Jun-09		CEH
Neleucania bicolorata collected with Scott Ellis and Bryce Drummond at old homestead site, 6499' elev., mv light at house	Larimer: Soapstone Nature Reserve, n. of Ft. Collins	26-Jun-09	27-Jun-09	CEH
Neleucania bicolorata ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	10-Jul-09	24-Aug-09	BKB
Neleucania bicolorata at store lights, 7874' elev., 1 a.m.	Eagle: Minturn, downtown along Hwy. 24 s. of I-70	10-Jul-09		CEH
Hydrociodes serrata taken at uv & mv light traps, 6985' elev. <12 a.m..	EAGLE: 3 mi. NW of Dotsero,	17-Aug-09		CEH
Anicla espoetia at mv store light, Pinyon/juniper/oak assoc., 6345' elev., 10pm	LAS ANIMAS : Starkville, east off I-25, exit #10	15-Jun-09		CEH
Anicla exuberans taken at store lights, 6312' elev.	EAGLE: Gypsum, between Hwy. 6 and I-70, exit #140	05-Jun-09		CEH
Anicla exuberans Colorado State Veteran's Hospital mv. lights, 6454' elev., 11pm	Huerfano: Walsenburg, w. of town Hwy. #160	15-Jun-09	16-Jun-09	CEH
Anicla exuberans Elliott Crk. Campgnd., rabbitbrush/juniper/sagebrush assoc., uv trap, 8005' elev.	SUMMIT: Green Mtn. Reservoir, 1 mi. w. of Heeney	19-Aug-09	20-Aug-09	CEH
Anicla exuberans ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	07-Sep-09		BKB
Anicla exuberans sand sage/grass prairie, 4453' elev.	CHEYENNE : Wild Horse, Post Office, Hwy. 287 at mv lights	20-Sep-09		HTG
Hemieuxoa rudens ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	14-Sep-09		BKB
Dichagyris grotei Deep Creek Rd. below Onion Ridge, taken at uv & mv light traps, 6985' elev. <12am.	EAGLE: 3 mi. NW of Dotsero,	17-Aug-09		CEH
Dichagyris variabilis Deep Creek Rd. below Onion Ridge, taken at uv & mv light traps, 6985' elev. <12am.	EAGLE: 3 mi. NW of Dotsero,	17-Aug-09		CEH
Dichagyris variabilis taken off roadside, mv lights, dry conifer forest, 9344' elev.	Grand: Beaver Creek Rd., 10 mi. SE of Parshall,	19-Aug-09		CEH
Eucoptocnemis fimbriaris uv trap, 5410' elev.,	ADAMS: Bennett, Old Victory Hwy., at Kiowa Cr. bridge,	20-Sep-09	21-Sep-09	HTG
Eucoptocnemis fimbriaris sand sage/grass prairie, 4453' elev.	CHEYENNE : Wild Horse, Post Office, Hwy. 287 at mv lights	20-Sep-09		HTG
Eucoptocnemis fimbriaris sand sage/grass prairie, 5072' elev.	Lincoln : Hugo, .75 mi n. of Hwy. #285, High School lights	20-Sep-09	21-Sep-09	HTG
Richia chortalis uv trap, 5410' elev.,	ADAMS: Bennett, Old Victory Hwy., at Kiowa Cr. bridge,	20-Sep-09	21-Sep-09	HTG
Richia parentalis ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	15-Aug-09	31-Aug-09	BKB
Richia parentalis taken off roadside, mv lights, dry conifer forest, 9344' elev.	Grand: Beaver Creek Rd., 10 mi. SE of Parshall,	19-Aug-09		CEH
Richia parentalis taken off roadside, uv trap, pinyon/juniper/sage, 7083' elev.	Eagle: 2.5 mi. N. of Eagle, Eby Creek Road,	21-Aug-09	22-Aug-09	CEH
Richia parentalis taken off roadside, uv trap, sage/rabbitbrush/juniper, 6745' elev.	EAGLE: 1 mi. N. of Eagle, Eby Creek Road,	21-Aug-09	22-Aug-09	CEH
Richia praefixa ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	21-Aug-09	27-Aug-09	BKB
Copablepharon grandis taken at store lights, 6312' elev.	EAGLE: Gypsum, between Hwy. 6 and I-70, exit #140	09-Jul-09	18-Aug-09	CEH
Protogygia enalaga taken at store lights, 6312' elev.	EAGLE: Gypsum, between Hwy. 6 and I-70, exit #140	05-Jun-09		CEH
Protogygia lagena black sage/rabbitbrush, at lights, 7932' elev., 12:30am	COSTILLA: Ft. Garland, Hwy. #159 at Hwy. #160	16-Jun-09		CEH
Protogygia lagena taken at store lights, 6312' elev.	EAGLE: Gypsum, between Hwy. 6 and I-70, exit #140	09-Jul-09		CEH
Protogygia pallida taken at store lights, 6312' elev.	EAGLE: Gypsum, between Hwy. 6 and I-70, exit #140	05-Jun-09		CEH
Euxoa aequalis Deep Creek Rd. below Onion Ridge, taken at uv & mv light traps, 6985' elev. <12am.	EAGLE: 3 mi. NW of Dotsero,	17-Aug-09		CEH

<i>Euxoa albipennis</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	17-Sep-09		BKB
<i>Euxoa albipennis</i> uv trap, 5410' elev.,	ADAMS: Bennett, Old Victory Hwy., at Kiowa Cr. bridge,	20-Sep-09	21-Sep-09	HTG
<i>Euxoa albipennis</i> sand sage/grass prairie, 5072' elev.	LINCOLN : Hugo, .75 mi n. of Hwy. #285, High School lights	20-Sep-09	21-Sep-09	HTG
<i>Euxoa antica</i> taken off roadside at Beaver Creek, uv trap, dry conifer forest, 8924' elev.	GRAND: Beaver Cr. Rd., 9 mi. SE of Parshall, Beaver Cr.	19-Aug-09		CEH
<i>Euxoa atristrigata</i> Deep Creek Rd. below Onion Ridge, taken at uv & mv light traps, 6985' elev. <12am.	EAGLE: 3 mi. NW of Dotsero,	17-Aug-09		CEH
<i>Euxoa auripennis</i> at post office mv lights, 8455' elev., 12am	Jefferson: Pine Junction, off Hwy. #285 on Mt. Evans road	10-Aug-09		CEH
<i>Euxoa auripennis</i> Deep Creek Rd. below Onion Ridge, taken at uv & mv light traps, 6985' elev. <12am.	EAGLE: 3 mi. NW of Dotsero,	17-Aug-09		CEH
<i>Euxoa auripennis</i> Elliott Crk. Campgnd., rabbitbrush/juniper/sagebrush assoc., uv trap, 8005' elev.	SUMMIT: Green Mtn. Reservoir, 1 mi. w. of Heeney	19-Aug-09	20-Aug-09	CEH
<i>Euxoa auripennis</i> taken off roadside, uv trap, pinyon/juniper/sage, 7083' elev.	Eagle: 2.5 mi. N. of Eagle, Eby Creek Road,	21-Aug-09	22-Aug-09	CEH
<i>Euxoa auxiliaris</i> taken at store lights, 6637' elev.	EAGLE: Eagle, between Hwy. 6 and I-70, exit #147	18-May-09		CEH
<i>Euxoa auxiliaris</i> taken by Justin Willis at border to open meadows, UV trap at residence, 7753' elev.	Chaffee: Nathrop, along Hwy #285	20-May-09		CEH
<i>Euxoa auxiliaris</i> taken at halogen lights, 6480' elev., 12am	El Paso: ssw of Colorado Springs, Hwy. #115 at mkr. #30.2	26-May-09		CEH
<i>Euxoa auxiliaris</i> taken at store lights, 7900' elev., 3:30am	CUSTER : Westcliffe, Hwy. 96 at Hwy. 69,	26-May-09		CEH
<i>Euxoa auxiliaris</i> taken at store lights, 6312' elev.	EAGLE: Gypsum, between Hwy. 6 and I-70, exit #140	05-Jun-09		CEH
<i>Euxoa auxiliaris</i> uv light trap, 7559' elev., 2am	Alamosa: E. of Alamosa downtown, along Hwy. #160	16-Jun-09		CEH
<i>Euxoa auxiliaris</i> collected with Scott Ellis and Bryce Drummond at old homestead site, 6499' elev., mv light at house	Larimer: Soapstone Nature Reserve, n. of Ft. Collins	26-Jun-09	27-Jun-09	CEH
<i>Euxoa bochus</i> taken off roadside, uv trap, sage/rabbitbrush/juniper, 6745' elev.	EAGLE: 1 mi. N. of Eagle, Eby Creek Road,	21-Aug-09	22-Aug-09	CEH
<i>Euxoa bochus</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	31-Aug-09		BKB
<i>Euxoa castanea</i> Deep Creek Rd. below Onion Ridge, taken at uv & mv light traps, 6985' elev. <12am.	EAGLE: 3 mi. NW of Dotsero,	17-Aug-09		CEH
<i>Euxoa castanea</i> taken off roadside at Beaver Creek, uv trap, dry conifer forest, 8924' elev.	Grand: Beaver Cr. Rd., 9 mi. SE of Parshall, Beaver Cr.	19-Aug-09		CEH
<i>Euxoa cicatricosa</i> uv trap, 5410' elev.,	ADAMS: Bennett, Old Victory Hwy., at Kiowa Cr. bridge,	20-Sep-09	21-Sep-09	HTG
<i>Euxoa citricolor</i> taken off roadside, uv trap, sage/rabbitbrush/juniper, 6745' elev.	EAGLE: 1 mi. N. of Eagle, Eby Creek Road,	21-Aug-09	22-Aug-09	CEH
<i>Euxoa comosa</i> at store lights, 10203' elev., 3:30am	LAKE: Leadville, downtown Hwy. 24 nr. E. 9th Street,	10-Jul-09		CEH
<i>Euxoa comosa</i> Deep Creek Rd. below Onion Ridge, taken at uv & mv light traps, 6985' elev. <12am.	EAGLE: 3 mi. NW of Dotsero,	17-Aug-09		CEH
<i>Euxoa declarata</i> Deep Creek Rd. below Onion Ridge, taken at uv & mv light traps, 6985' elev. <12am.	EAGLE: 3 mi. NW of Dotsero,	17-Aug-09		CEH
<i>Euxoa divergens</i> collected with Scott Ellis and Bryce Drummond at old homestead site, 6499' elev., mv light at house	Larimer: Soapstone Nature Reserve, n. of Ft. Collins	26-Jun-09	27-Jun-09	CEH
<i>Euxoa flavidens</i> taken at uv & mv lights, 8000' elev., 11pm	Park : downtown Bailey, Hwy. #285/ Post Office lights	09-Aug-09		CEH
<i>Euxoa flavidens</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	18-Aug-09	30-Aug-09	BKB
<i>Euxoa laetificans</i> Deep Creek Rd. below Onion Ridge, taken at uv & mv light traps, 6985' elev. <12am.	EAGLE: 3 mi. NW of Dotsero,	17-Aug-09		CEH
<i>Euxoa lewisi</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	29-Aug-09	20-Sep-09	BKB
<i>Euxoa maimis</i> taken off roadside at Beaver Creek, uv trap, dry conifer forest, 8924' elev.	Grand: Beaver Cr. Rd., 9 mi. SE of Parshall, Beaver Cr.	19-Aug-09		CEH
<i>Euxoa mimallonis</i> Deep Creek Rd. below Onion Ridge, taken at uv & mv light traps, 6985' elev. <12am.	EAGLE: 3 mi. NW of Dotsero,	17-Aug-09		CEH
<i>Euxoa obeliscoides</i> Deep Creek Rd. below Onion Ridge, taken at uv & mv light traps, 6985' elev. <12am.	EAGLE: 3 mi. NW of Dotsero,	17-Aug-09		CEH
<i>Euxoa ochrogaster</i> taken at uv & mv lights, 8000' elev., 11pm	Park : downtown Bailey, Hwy. #285/ Post Office lights	09-Aug-09		CEH

<i>Euxoa olivia</i> uv trap, 5410' elev.,	ADAMS: Bennett, Old Victory Hwy., at Kiowa Cr. bridge,	20-Sep-09	21-Sep-09	HTG
<i>Euxoa pallidimacula</i> at store lights, 6637' elev., 11pm	EAGLE: Eagle, between Hwy. 6 and I-70, exit #147	10-Jul-09		CEH
<i>Euxoa plagigera</i> taken off roadside, uv trap, sage/rabbitbrush/juniper, 6745' elev.	EAGLE: 1 mi. N. of Eagle, Eby Creek Road,	21-Aug-09	22-Aug-09	CEH
<i>Euxoa pleuritica</i> taken off roadside at Beaver Creek, uv trap, dry conifer forest, 8924' elev.	Grand: Beaver Cr. Rd., 9 mi. SE of Parshall, Beaver Cr.	19-Aug-09		CEH
<i>Euxoa pluralis</i> Colorado State Veteran's Hospital mv. lights, 6454' elev., 11pm	HUERFANO: Walsenburg, w. of town Hwy. #160	15-Jun-09	16-Jun-09	CEH
<i>Euxoa pluralis</i> taken by Justin Willis at border to open meadows, UV trap at residence, 7753' elev.	Chaffee: Nathrop, along Hwy #285	17-Jun-09	27-Jun-09	CEH
<i>Euxoa quadridentata</i> uv trap, 5410' elev.,	ADAMS: Bennett, Old Victory Hwy., at Kiowa Cr. bridge,	20-Sep-09	21-Sep-09	HTG
<i>Euxoa ridingsiana</i> Deep Creek Rd. below Onion Ridge, taken at uv & mv light traps, 6985' elev. <12am.	EAGLE: 3 mi. NW of Dotsero,	17-Aug-09		CEH
<i>Euxoa satiens</i> taken off roadside, uv trap, sage/rabbitbrush/juniper, 6745' elev.	EAGLE: 1 mi. N. of Eagle, Eby Creek Road,	21-Aug-09	22-Aug-09	CEH
<i>Euxoa simona</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	19-Sep-09		BKB
<i>Feltia jaculifera</i> Deep Creek Rd. below Onion Ridge, taken at uv & mv light traps, 6985' elev. <12am.	EAGLE: 3 mi. NW of Dotsero,	17-Aug-09		CEH
<i>Feltia jaculifera</i> Elliott Crk. Campgnd., rabbitbrush/juniper/sagebrush assoc., uv trap, 8005' elev.	SUMMIT: Green Mtn. Reservoir, 1 mi. w. of Heeney	19-Aug-09	20-Aug-09	CEH
<i>Agrotis antica</i> at store lights, 6637' elev., 11pm	EAGLE: Eagle, between Hwy. 6 and I-70, exit #147	10-Jul-09		CEH
<i>Agrotis ipsilon</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	28-Aug-09		BKB
<i>Agrotis obliqua</i> taken by Justin Willis at border to open meadows, UV trap at residence, 7753' elev.	Chaffee: Nathrop, along Hwy #285	20-May-09		CEH
<i>Agrotis orthogonia</i> uv trap, 5410' elev.,	Adams: Bennett, Old Victory Hwy., at Kiowa Cr. bridge,	20-Sep-09	21-Sep-09	HTG
<i>Agrotis rileyana</i> sand sage/grass prairie, 4453' elev.	CHEYENNE : Wild Horse, Post Office, Hwy. 287 at mv lights	20-Sep-09		HTG
<i>Agrotis rileyana</i> sand sage/grass prairie, 5072' elev.	LINCOLN : Hugo, .75 mi n. of Hwy. #285, High School lights	20-Sep-09	21-Sep-09	HTG
<i>Agrotis vancouverensis</i> at post office mv lights, 8455' elev., 12:30am	Jefferson: Pine Junction, off Hwy. #285 on Mt. Evans road	30-May-09		CEH
<i>Agrotis vancouverensis</i> taken by Justin Willis at border to open meadows, UV trap at residence, 7753' elev.	Chaffee: Nathrop, along Hwy #285	02-Jun-09	06-Jun-09	CEH
<i>Agrotis vancouverensis</i> black sage/rabbitbrush, at lights, 7962' elev., 1am	COSTILLA: 1.5 mi. w. of Ft. Garland, Sierra Grande School	16-Jun-09		CEH
<i>Agrotis vancouverensis</i> at store lights, 10203' elev., 3:30am	LAKE: Leadville, downtown Hwy. 24 nr. E. 9th Street,	10-Jul-09		CEH
<i>Diarsia rosaria</i> taken off roadside at Beaver Creek, uv trap, dry conifer forest, 8924' elev.	Grand: Beaver Cr. Rd., 9 mi. SE of Parshall, Beaver Cr.	19-Aug-09		CEH
<i>Paradiarsia littoralis</i> taken by Justin Willis at border to open meadows, UV trap at residence, 7753' elev.	CHAFFEE: Nathrop, along Hwy #285	02-Jun-09	06-Jun-09	CEH
<i>Paradiarsia littoralis</i> at store lights, 10203' elev., 3:30am	LAKE: Leadville, downtown Hwy. 24 nr. E. 9th Street,	10-Jul-09		CEH
<i>Chersotis juncta</i> taken off roadside, uv trap, sage/rabbitbrush/juniper, 6745' elev.	EAGLE: 1 mi. N. of Eagle, Eby Creek Road,	21-Aug-09	22-Aug-09	CEH
<i>Noctua pronuba</i> taken by Justin Willis at border to open meadows, UV trap at residence, 7753' elev.	Chaffee: Nathrop, along Hwy #285	02-Jun-09	06-Jun-09	CEH
<i>Noctua pronuba</i> collected with Scott Ellis and Bryce Drummond at old homestead site, 6499' elev., mv light at house	Larimer: Soapstone Nature Reserve, n. of Ft. Collins	26-Jun-09	27-Jun-09	CEH
<i>Noctua pronuba</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	21-Jul-09		BKB
<i>Noctua pronuba</i> Deep Creek Rd. below Onion Ridge, taken at uv & mv light traps, 6985' elev. <12am.	EAGLE: 3 mi. NW of Dotsero,	17-Aug-09		CEH
<i>Spaelotis bicava</i> collected with Scott Ellis and Bryce Drummond at old homestead site, 6499' elev., mv light at house	Larimer: Soapstone Nature Reserve, n. of Ft. Collins	26-Jun-09	27-Jun-09	CEH
<i>Eurois stricta</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon	07-Aug-09	31-Aug-09	BKB
<i>Eurois nigra</i> taken at store lights, 6312' elev.	EAGLE: Gypsum, between Hwy. 6 and I-70, exit #140	09-Jul-09		CEH
<i>Eurois nigra</i> ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon	09-Sep-09		BKB

<i>Eurois occulta</i>	Grand: Beaver Creek Rd., 10 mi. SE of Parshall, taken off roadside, mv lights, dry conifer forest, 9344' elev.	19-Aug-09		CEH
<i>Eurois occulta</i>	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	23-Aug-09		BKB
<i>Graphiphora augur</i>	EAGLE: Gypsum, between Hwy. 6 and I-70, exit #140 taken at store lights, 6312' elev.	09-Jul-09		CEH
<i>Anaplectoides prasina</i>	ROUTT: 7 mi n. of McCoy, Routt National Forest Taken by Justin Willis, sagebrush open flats, 7766' elev., uv trap	09-Aug-09		CEH
<i>Anaplectoides prasina</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>Xestia bolteri</i>	CHAFFEE: Nathrop, along Hwy #285 taken by Justin Willis at border to open meadows, UV trap at residence, 7753' elev.	17-Jun-09	04-Jul-09	CEH
<i>Xestia bolteri</i>	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	08-Jul-09	17-Jul-09	BKB
<i>Xestia c-nigrum</i>	Grand: Kremmling; Hwy. 40 near jct. of Hwy. 9 taken at store lights, 7402' elev., 1a.m.	20-Aug-09		CEH
<i>Xestia conchis</i>	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	24-Jul-09	23-Aug-09	BKB
<i>Xestia conchis</i>	Park : downtown Bailey, Hwy. #285/ Post Office lights taken at uv & mv lights, 8000' elev., 11pm	09-Aug-09		CEH
<i>Xestia conchis</i>	Jefferson: Pine Junction, off Hwy. #285 on Mt. Evans road at post office mv lights, 8455' elev., 12am	10-Aug-09		CEH
<i>Xestia mustelina</i>	CHAFFEE: Centerville, 15 mi S. of Buena Vista taken by Justin Willis along Hwy. 285; at San Isabel National Forest, 8030' elev.; 1am	19-May-09		CEH
<i>Xestia oblata</i>	EAGLE: Minturn, downtown along Hwy. 24 s. of I-70 at store lights, 7874' elev., 1am	10-Jul-09		CEH
<i>Xestia oblata</i>	Gilpin: nr. Blackhawk, Hwy 46, Golden Gate Canyon ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	17-Jul-09	02-Aug-09	BKB
<i>Xestia smithii</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>Xestia smithii</i>	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	22-Aug-09	02-Sep-09	BKB
<i>Xestia vernalis</i>	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	11-Aug-09	16-Aug-09	BKB
<i>Xestia vernalis</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>Xestia vernalis</i>	SUMMIT: Green Mtn. Reservoir, 1 mi. w. of Heeney Elliott Crk. Campgnd., rabbitbrush/juniper/sagebrush assoc., uv trap, 8005' elev.	19-Aug-09	20-Aug-09	CEH
<i>Xestia vernalis</i>	Grand: Beaver Creek Rd., 10 mi. SE of Parshall, taken off roadside, mv lights, dry conifer forest, 9344' elev.	19-Aug-09		CEH
<i>Agnorisma bugrai</i>	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	16-Aug-09	01-Sep-09	BKB
<i>Agnorisma bugrai</i>	SUMMIT: Green Mtn. Reservoir, 1 mi. w. of Heeney Elliott Crk. Campgnd., rabbitbrush/juniper/sagebrush assoc., uv trap, 8005' elev.	19-Aug-09	20-Aug-09	CEH
<i>Setagrotis radiola</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>Setagrotis radiola</i>	SUMMIT: Green Mtn. Reservoir, 1 mi. w. of Heeney Elliott Crk. Campgnd., rabbitbrush/juniper/sagebrush assoc., uv trap, 8005' elev.	19-Aug-09	20-Aug-09	CEH
<i>Setagrotis vocalis</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>Setagrotis vocalis</i>	Grand: Beaver Cr. Rd., 9 mi. SE of Parshall, Beaver Cr. taken off roadside at Beaver Creek, uv trap, dry conifer forest, 8924' elev.	19-Aug-09		CEH
<i>Tesagrotis atrifrons</i>	Grand: Beaver Creek Rd., 10 mi. SE of Parshall, taken off roadside, mv lights, dry conifer forest, 9344' elev.	19-Aug-09		CEH
<i>Tesagrotis corrodera</i>	GRAND: Beaver Cr. Rd., 9 mi. SE of Parshall, Beaver Cr. taken off roadside at Beaver Creek, uv trap, dry conifer forest, 8924' elev.	19-Aug-09		CEH
<i>Tesagrotis corrodera</i>	EAGLE: 2.5 mi. N. of Eagle, Eby Creek Road, taken off roadside, uv trap, pinyon/juniper/sage, 7083' elev.	21-Aug-09	22-Aug-09	CEH
<i>Tesagrotis piscipellis</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>Parabagrotis exsertistigma</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>Protolampra rufipectus</i>	EAGLE: Gypsum, between Hwy. 6 and I-70, exit #140 taken at store lights, 6312' elev.	09-Jul-09		CEH
<i>Protolampra rufipectus</i>	Grand: Beaver Creek Rd., 10 mi. SE of Parshall, taken off roadside, mv lights, dry conifer forest, 9344' elev.	19-Aug-09		CEH
<i>Protolampra rufipectus</i>	Eagle: 2.5 mi. N. of Eagle, Eby Creek Road, taken off roadside, uv trap, pinyon/juniper/sage, 7083' elev.	21-Aug-09	22-Aug-09	CEH

Abagrotis alternata	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
Abagrotis bimarginalis	GILPIN: nr. Blackhawk, Hwy 46, Golden Gate Canyon ponderosa and lodgepole pine/fir association, at mv light, 8839' elev.,	18-Jul-09	23-Aug-09	BKB
Abagrotis duanca	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
Abagrotis forbesi	Larimer: Soapstone Nature Reserve, n. of Ft. Collins collected with Scott Ellis and Bryce Drummond at old homestead site, 6499' elev., mv light at house	26-Jun-09	27-Jun-09	CEH
Abagrotis glenni	EAGLE: 2.5 mi. N. of Eagle, Eby Creek Road, taken off roadside, uv trap, pinyon/juniper/sage, 7083' elev.	21-Aug-09	22-Aug-09	CEH
Abagrotis nanalis	EAGLE: 1 mi. N. of Eagle, Eby Creek Road, taken off roadside, uv trap, sage/rabbitbrush/juniper, 6745' elev.	21-Aug-09	22-Aug-09	CEH
Abagrotis nefascia	EAGLE: 2.5 mi. N. of Eagle, Eby Creek Road, taken off roadside, uv trap, pinyon/juniper/sage, 7083' elev.	21-Aug-09	22-Aug-09	CEH
Abagrotis reedi	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
Abagrotis trigona	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
Abagrotis vittifrons	EAGLE: 1 mi. N. of Eagle, Eby Creek Road, taken off roadside, uv trap, sage/rabbitbrush/juniper, 6745' elev.	21-Aug-09	22-Aug-09	CEH
Pronoctua craboi	PARK : downtown Bailey, Hwy. #285/ Post Office lights taken at uv & mv lights, 8000' elev., 11:30pm	18-Sep-08		CEH
Pronoctua typica	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
Pronoctua typica	Grand: Beaver Cr. Rd., 9 mi. SE of Parshall, Beaver Cr. taken off roadside at Beaver Creek, uv trap, dry conifer forest, 8924' elev.	19-Aug-09		CEH

MONTANA

Steve Kohler presented another outstanding report from the state. Three contributors and two additional researchers reported collecting information for 2009. 33 new county records for butterflies were added, including two state records for Euphilotes rita and Brephidium exilis in 2009. Bob Martin submitted photos documenting the state's moths, adding 23 county and three state records.

Butterflies

HESPERIIDAE

Epargyreus clarus	TETON : rim E. of Hwy. 287, 7 mi. S of Choteau, 4460-4575 ft.,	01-Jul-09		SJK
Epargyreus clarus	PONDERA: Hills 5 mi. W. of Conrad,	03-Jul-09		SJK
Epargyreus clarus	PARK: Big Creek, 2-4 mi. E SR 89, 6000-6500' elev.,	06-Jul-09	09-Jul-09	MSF
Epargyreus clarus	Teton : Teton River N. of Dutton, 3385' elev.,	14-Jul-09		SJK
Erynnis icelus	Park: Big Creek, 2-4 mi. E SR 89, 6000-6500' elev.,	06-Jul-09	09-Jul-09	MSF
Erynnis persius	ROSEBUD: 6 mi. W. of Ashland,	15-Jun-07		SJK
Erynnis persius	Park: Paradise Valley nr Emigrant, 5500-6000'	04-Jul-09		MSF
Hesperia colorado idaho	CUSTER: vic of Strawberry Hill, 8 mi E of Miles City 2815-2865'	01-Sep-09		SJK
Hesperia nevada	Park: Big Creek, 2-4 mi. E SR 89, 6000-6500' elev.,	06-Jul-09	09-Jul-09	MSF
Hesperia uncas	BIG HORN: Sage Cr., SW. of Pryor, 5380' elev.,	29-May-09		SJK
Hesperia uncas	GLACIER: rim N. Hwy. 285, 11 mi. W. of Kevin, 3900-3965 ft. elev.	02-Jul-09		SJK
Hesperia uncas	PONDERA: Hills 5 mi. W. of Conrad,	03-Jul-09		SJK

PAPILIONIDAE

Parnassius clodius	TETON : Mount Wright Trail, 38 mi. NW. of Choteau	11-Jul-09		SJK
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PIERIDAE

Pontia protodice	SANDERS: N. Little Bitterroot River, 1.5 mi. N. Lone Pine, E. Hwy. 28, 2785 ft elev.	16-Sep-09		SJK
Euchloe lotta	BIG HORN: Sage Cr., SW. of Pryor, 5380' elev.,	29-May-09		SJK
Anthocharis sara julia	Park: Big Creek, 2-4 mi. E SR 89, 6000-6500' elev.,	06-Jul-09	09-Jul-09	MSF
Colias alexandra altamont	TETON : rim E. of Hwy. 287, 7 mi. S of Choteau, 4460-4575' elev.,	01-Jul-09		SJK
Colias meadii elis	LEWIS & CLARK: Scapegoat Plateau, Scapegoat Wilderness, 7600-7800' elev.,	22-Jul-09		SJK
Colias meadii elis	Lewis & Clark: ridge above Copper Camp, 12 mi. N of Lincoln, 8235 ft. elev.	04-Aug-09		SJK
Colias meadii elis	Lewis & Clark: Red Mountain, 13 mi. N. of Lincoln, 9000-9400' elev.,	04-Aug-09		SJK

LYCAENIDAE

Lycaena cuprea 8000-9200' elev.,	LEWIS & CLARK: Scapegoat Mountain, Scapegoat Wilderness,	22-Jul-09		SJK
Lycaena cuprea 7800-9000' elev.,	Lewis & Clark: Flint Mountain, Scapegoat Wilderness,	23-Jul-09		SJK
Lycaena helloides photo documentation by Bob Martin,	Sanders: Bull River, UTM:E 584982; N 5338777	03-Sep-09		CEH
Lycaena nivalis	LEWIS & CLARK: vic Copper Camp, 10 mi. N. of Lincoln,	04-Aug-09		SJK
Lycaena phlaeas Crown Mountain, Scapegoat Wilderness,	LEWIS & CLARK: Crown Mountain, Scapegoat Wilderness,	17-Jul-09		SJK
Callophrys affinis 4460-4575 ft.,	TETON : rim E. of Hwy. 287, 7 mi. S of Choteau,	01-Jul-09		SJK
Strymon melinus 3900-3965 ft. elev.	GLACIER: rim N. Hwy. 285, 11 mi. W. of Kevin,	02-Jul-09		SJK
Brephidium exilis STATE RECORDE. Hwy. 28, 2785 ft elev.	SANDERS: N. Little Bitterroot River, 1.5 mi. N. Lone Pine,	12-Sep-09	22-Sep-09	SJK
Celastrina echo 5380' elev.,	BIG HORN: Sage Cr., SW. of Pryor,	29-May-09		SJK
Euphilotes ancilla	CASCADE: 1 mi. NW. of Lowry Bridge, 5.5 mi W. of Sims,	22-Jun-09		SJK
Euphilotes ancilla	PONDERA: Hills 5 mi. W. of Conrad,	03-Jul-09		SJK
Euphilotes glaucon 4-5 mi. NE. of Melrose, 5760-6230' elev.,	SILVER BOW: Barrel Spring trail, off Camp Cr.,	07-Jun-04		SJK
Euphilotes rita STATE RECORD	CARBON: ridge W. Cub Cr., 5-7 mi. SE. Belfry,	16-May-07		SJK
Euphilotes rita 4050-4250' elev.,	Carbon: Hollenback Draw, 5 mi. SE. of Belfry,	16-Jun-09		SJK
Euphilotes rita	Carbon: 2-3 mi. SW. of Belfry, 4100-4325 ft. elev.	17-Jun-09		SJK
Plebejus glandon megallo 20 mi. W. of Augusta, 7600' to 8400' elev.,	LEWIS & CLARK: Crown Mountain, Scapegoat Wilderness,	17-Jul-09		SJK
Plebejus glandon megallo 7600-7800' elev.,	Lewis & Clark: Scapegoat Plateau, Scapegoat Wilderness,	22-Jul-09		SJK
Plebejus glandon megallo 8000-9200' elev.,	Lewis & Clark: Scapegoat Mountain, Scapegoat Wilderness,	22-Jul-09		SJK
Plebejus glandon megallo 7800-9000' elev.,	Lewis & Clark: Flint Mountain, Scapegoat Wilderness,	23-Jul-09		SJK
Plebejus glandon megallo 9000-9400' elev.,	Lewis & Clark: Red Mountain, 13 mi. N. of Lincoln,	04-Aug-09		SJK
Plebejus icarioides photo documentation by Bob Martin	Sweetgrass: Graham Cr., Absaroka-Beartooth Wilderness @ 5800', UTM:E 562567; N 5036590	27-Jun-09		CEH
Plebejus idas atrapraetextus	Park: Big Creek, 2-4 mi. E SR 89, 6000-6500' elev.,	06-Jul-09	09-Jul-09	MSF
Plebejus shasta	TOOLE: 6.5 mi. NW. of Kevin, 3465 ft. elev.	02-Jul-09		SJK
Plebejus shasta	PONDERA: Hills 5 mi. W. of Conrad,	03-Jul-09		SJK

NYMPHALIDAE

Coenonympha haydenii	Park: Paradise Valley nr Emigrant, 5500-6000'	04-Jul-09		MSF
Coenonympha haydenii	Park: Big Creek, 2-4 mi. E SR 89, 6000-6500' elev.,	06-Jul-09	09-Jul-09	MSF
Cercyonis oetus	Park: Paradise Valley nr Emigrant, 5500-6000'	04-Jul-09		MSF
Cercyonis oetus	Park: Big Creek, 2-4 mi. E SR 89, 6000-6500' elev.,	06-Jul-09	09-Jul-09	MSF
Erebia epipsodea photo documentation by Bob Martin	Sweetgrass: Graham Cr., Absaroka-Beartooth Wilderness @ 5800', UTM:E 562567; N 5036590	27-Jun-09		CEH
Neominois ridingsii 3900-3965 ft. elev.	GLACIER: rim N. Hwy. 285, 11 mi. W. of Kevin,	02-Jul-09		SJK
Neominois ridingsii	PONDERA: Hills 5 mi. W. of Conrad,	03-Jul-09		SJK
Euptoieta claudia	LAKE: 5 mi. NE. of Lone Pine,	14-Sep-09		SJK
Euptoieta claudia E. Hwy. 28, 2785 ft elev.	SANDERS: N. Little Bitterroot River, 1.5 mi. N. Lone Pine,	14-Sep-09		SJK
Speyeria cybele leto photo documentation by Bob Martin,	Lewis & Clark: Pike Creek, UTM:E 449081; N 5189743	09-Aug-09		CEH
Speyeria zerene photo documentation by Bob Martin	Sweetgrass: Graham Cr., Absaroka-Beartooth Wilderness @ 5800', UTM:E 562567; N 5036590	27-Jul-09		CEH
Boloria astarte 20 mi. W. of Augusta, 7600' to 8400' elev.,	LEWIS & CLARK: Crown Mountain, Scapegoat Wilderness,	17-Jul-09		SJK
Boloria astarte 8000-9200' elev.,	Lewis & Clark: Scapegoat Mountain, Scapegoat Wilderness,	22-Jul-09		SJK
Boloria astarte 7800-9000' elev.,	Lewis & Clark: Flint Mountain, Scapegoat Wilderness,	23-Jul-09		SJK
Boloria astarte 8235 ft. elev.	Lewis & Clark: ridge above Copper Camp, 12 mi. N of Lincoln,	04-Aug-09		SJK

<i>Boloria astarte</i> 9000-9400' elev.,	Lewis & Clark: Red Mountain, 13 mi. N. of Lincoln,	04-Aug-09		SJK
<i>Vanessa cardui</i> photo documentation by Bob Martin,	Sanders: Bull River, UTM:E 584983; N 5338895	03-Sep-09		CEH
<i>Chlosyne damoetas</i> 20 mi. W. of Augusta, 7600' to 8400' elev.,	LEWIS & CLARK: Crown Mountain, Scapegoat Wilderness,	17-Jul-09		SJK
<i>Chlosyne damoetas</i> 8000-9200' elev.,	Lewis & Clark: Scapegoat Mountain, Scapegoat Wilderness,	22-Jul-09		SJK
<i>Chlosyne damoetas</i> 7600-7800' elev.,	Lewis & Clark: Scapegoat Plateau, Scapegoat Wilderness,	22-Jul-09		SJK
<i>Chlosyne damoetas</i> 7800-9000' elev.,	Lewis & Clark: Flint Mountain, Scapegoat Wilderness,	23-Jul-09		SJK
<i>Chlosyne damoetas</i> 9000-9400' elev.,	Lewis & Clark: Red Mountain, 13 mi. N. of Lincoln,	04-Aug-09		SJK
<i>Chlosyne palla</i> photo documentation by Bob Martin	Lewis & Clark: East Fork Meadow Creek, Scapegoat Wilderness @7600', UTM:E 365717; N 5215181	03-Jul-09		CEH
<i>Chlosyne palla</i>	Park: Paradise Valley nr Emigrant, 5500-6000'	04-Jul-09		MSF
<i>Phyciodes pallida</i>	Park: Big Creek, 2-4 mi. E SR 89, 6000-6500' elev.,	06-Jul-09	09-Jul-09	MSF
<i>Phyciodes pulchella owimba</i>	Park: Paradise Valley nr Emigrant, 5500-6000'	04-Jul-09		MSF

Moths

ALUCITIDAE

<i>Alucita hexadactyla</i> photo documentation by Bob Martin,	LEWIS & CLARK: East Helena, UTM:E 430044; N 515989	25-Sep-09		CEH
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GEOMETRIDAE

<i>Macaria lorquinaria</i> photo documentation by Bob Martin,	LEWIS & CLARK: East Helena, UTM:E 430044; N 515989	28-Sep-09		CEH
<i>Lambdina fiscellaria</i> photo documentation by Bob Martin,	LEWIS & CLARK: East Helena, UTM:E 430044; N 515989	22-Sep-09		CEH
<i>Aplocera plagiata</i> photo documentation by Bob Martin,	SANDERS: Bull River, UTM:E 584983; N 5338895	03-Sep-09		CEH

SPHINGIDAE

<i>Ceratomia undulosa</i> STATE RECORD; photo documentation by Denise Kirkpatrick	LEWIS & CLARK: Helena, 805 E. 6th Ave.,	26-May-09		CEH
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NOCTUIDAE

<i>Euclidia cuspeida</i> photo documentation by Bob Martin	SWEETGRASS: Graham Cr., Absaroka-Beartooth Wilderness @ 5800', UTM:E 562567; N 5036590	27-Jun-09		CEH
<i>Autographa californica</i> photo documentation by Bob Martin,	LEWIS & CLARK: East Helena, UTM:E 430044; N 515989	24-Sep-09		CEH
<i>Caradrina meralis</i> photo documentation by Bob Martin,	LEWIS & CLARK: East Helena, UTM:E 430044; N 515989	27-Sep-09		CEH
<i>Caradrina montana</i> photo documentation by Bob Martin,	LEWIS & CLARK: East Helena, UTM:E 430044; N 515989	23-Sep-09		CEH
<i>Chytonix divesta</i> STATE RECORD; photo documentation by Bob Martin,	LEWIS & CLARK: East Helena, UTM:E 430044; N 515989	19-Sep-09		CEH
<i>Eremobina hanhami</i> photo documentation by Bob Martin,	LEWIS & CLARK: East Helena, UTM:E 430044; N 515989	01-Oct-09		CEH
<i>Hydraecia pallescens</i> photo documentation by Bob Martin,	LEWIS & CLARK: East Helena, UTM:E 430044; N 515989	20-Sep-09		CEH
<i>Sideridis rosea</i> photo documentation by Bob Martin,	LEWIS & CLARK: East Helena, UTM:E 430044; N 515989	27-Sep-09		CEH
<i>Anarta nigrolunata</i> photo documentation by Bob Martin	LEWIS & CLARK: East Fork Meadow Creek, Scapegoat Wilderness @7800', UTM:E 365642; N 5215134	03-Jul-09		CEH
<i>Lacinipolia cuneata</i> photo documentation by Bob Martin,	LEWIS & CLARK: East Fork Meadow Creek, Scapegoat Wilderness UTM:E 365642; N 521534	03-Jul-09		CEH
<i>Euxoa albipennis</i> photo documentation by Bob Martin,	LEWIS & CLARK: East Helena, UTM:E 430044; N 515989	24-Sep-09		CEH
<i>Euxoa auxiliaris</i> photo documentation by Bob Martin,	LEWIS & CLARK: East Helena, UTM:E 430044; N 515989	28-Sep-09		CEH
<i>Euxoa cicatricosa</i> photo documentation by Bob Martin,	LEWIS & CLARK: East Helena, UTM:E 430044; N 515989	19-Sep-09		CEH
<i>Euxoa flavicollis</i> photo documentation by Bob Martin,	LEWIS & CLARK: East Helena, UTM:E 430044; N 515989	20-Sep-09		CEH
<i>Euxoa messoria</i> photo documentation by Bob Martin,	LEWIS & CLARK: East Helena, UTM:E 430044; N 515989	24-Sep-09		CEH
<i>Euxoa obeliscoides</i> photo documentation by Bob Martin,	LEWIS & CLARK: East Helena, UTM:E 430044; N 515989	24-Sep-09		CEH
<i>Feltia jaculifera</i> photo documentation by Bob Martin,	LEWIS & CLARK: East Helena, UTM:E 430044; N 515989	25-Sep-09		CEH

Agrotis vancouverensis photo documentation by Bob Martin, UTM:E 430044; N 515989	LEWIS & CLARK: East Helena,	25-Sep-09	CEH
Diarsia rosaria photo documentation by Bob Martin, UTM:E 430044; N 515989	LEWIS & CLARK: East Helena,	24-Sep-09	CEH
Noctua comes STATE RECORD; photo documentation by Bob Martin, UTM:E 430044; N 515989	LEWIS & CLARK: East Helena,	28-Sep-09	CEH
Noctua pronuba photo documentation by Bob Martin, UTM:E 430044; N 515989, represents the 3rd record of this moth in the state	LEWIS & CLARK: East Helena,	23-Sep-09	CEH
Xestia mustelina photo documentation by Bob Martin, UTM:E 430044; N 515989	LEWIS & CLARK: East Helena,	26-Sep-09	CEH

NEW MEXICO

Steve Cary reported a season with unusual weather conditions, beginning with a winter that gave wet conditions to the northwestern half, warm and dry elsewhere. These conditions allowed a couple of January records, but caused emergence delays of about two weeks for some species. As has been typical of recent years, Steve noted that the historically reliable July-August rainy season was weak, sporadic and geographically inconsistent due to the prevalence of high pressure over the Four Corners region.

Ten contributors posted records for New Mexico, including records from 6 additional collectors and observers. Efforts produced a state record for *Chlosyne rosita* by Noah Arthur, 10 county records and 4 range and emergence records for butterflies.

Michael Pogue submitted a detailed report from the U. S. National Museum's survey of the Valles Caldera Preserve in Sandoval County. This is the start a multi-year project.

This year's report also included continued moth data from Eric Metzler's work for White Sands National Monument and Carlsbad Canyons National Park. Steve Bransky added more moth records from his 2007 trip with Ed Ballard across the southern part of the state. Chuck Harp worked with Dave Wikle and Nate Gibson to begin a survey of Apache Co., AZ and McKinley Co., NM with the required Navajo lands permits. The aim was to locate active populations of the cryptic *Heliiothine*, *Schinia zuni*. While not a county record for either county, vouchers were collected for a species not previously seen since it was described in the early '50s. Together, 449 county records for moths were reported including 30 state records.

Butterflies

HESPERIIDAE

<i>Epargyreus clarus</i> VC03 5 rd. mi from Redondo gate, 9200' elev.,	Sandoval: Valles Caldera National Preserve	17-Aug-07	JWB
<i>Thorybes mexicanus</i>	Grant: 5 mi N. Pinos Altos	20-Jun-09	B/B
<i>Thorybes pylades</i>	Grant: 5 mi N. Pinos Altos	20-Jun-09	B/B
<i>Thorybes pylades</i>	Sierra: FR 59 N. of Mimbres, County line	21-Jun-09	B/B
<i>Thorybes pylades</i>	Lincoln: Ski Apache area	25-Jun-09	B/B
<i>Thorybes pylades</i>	Eddy: 2 mi S of Rt 137 on FR 412	27-Jun-09	B/B
<i>Erynnis funeralis</i>	Eddy: 2 mi S of Rt 137 on FR 412	27-Jun-09	B/B
<i>Erynnis horatius</i> VC03 @ gate to Redondo Meadow, 7900' elev.,	Sandoval: Valles Caldera National Preserve	16-Aug-07	JWB
<i>Erynnis meridianus</i>	Eddy: 2 mi S of Rt 137 on FR 412	27-Jun-09	B/B
<i>Erynnis pacuvius</i>	Grant: 5 mi N. Pinos Altos	20-Jun-09	B/B
<i>Erynnis persius</i> confirms old record	CIBOLA: LaMosca Summit, Mt. Taylor	05-Jul-09	SJC
<i>Pyrgus communis</i> VC03 5 rd. mi from Redondo gate, 9200' elev.,	Sandoval: Valles Caldera National Preserve	17-Aug-07	JWB
<i>Piruna polingii</i>	Lincoln: Ski Apache area	25-Jun-09	B/B
<i>Amblyscirtes aenus</i>	Grant: 5 mi N. Pinos Altos	20-Jun-09	B/B
<i>Amblyscirtes aenus</i>	Grant: 6 mi N. Pinos Altos, Mc Millan Camp	21-Jun-09	B/B
<i>Amblyscirtes aenus</i>	Eddy: 2 mi S of Rt 137 on FR 412	27-Jun-09	B/B
<i>Amblyscirtes eos</i>	Eddy: 2 mi S of Rt 137 on FR 412	27-Jun-09	B/B
<i>Amblyscirtes oslari</i>	Eddy: 2 mi S of Rt 137 on FR 412	27-Jun-09	B/B
<i>Amblyscirtes phylace</i>	Lincoln: 1 mi E. Sierra Vista	26-Jun-09	B/B
<i>Amblyscirtes texanae</i>	Eddy: 2 mi S of Rt 137 on FR 412	27-Jun-09	B/B
<i>Oarisma edwardsii</i>	Eddy: 2 mi S of Rt 137 on FR 412	27-Jun-09	B/B
<i>Oarisma garita</i> VC03 5 rd. mi from Redondo gate, 9200' elev.,	Sandoval: Valles Caldera National Preserve	17-Aug-07	JWB
<i>Oarisma garita</i>	Lincoln: Ski Apache area	25-Jun-09	B/B
<i>Copaeodes aurantiaca</i>	Eddy: 2 mi S of Rt 137 on FR 412	27-Jun-09	B/B
<i>Hesperia colorado</i> VC03 5 rd. mi from Redondo gate, 9200' elev.,	Sandoval: Valles Caldera National Preserve	17-Aug-07	JWB
<i>Hesperia pahaska</i>	Eddy: Lookout point-FR 412 8 miles S. Rt 137	27-Jun-09	B/B
<i>Hesperia uncas</i>	Eddy: Intersect of FR 64 and Rt 137	27-Jun-09	B/B
<i>Hesperia viridis</i>	Eddy: Lookout point-FR 412 8 miles S. Rt 137	27-Jun-09	B/B
<i>Poanes taxiles</i> VC03 @ gate to Redondo Meadow, 7900' elev.,	Sandoval: Valles Caldera National Preserve	16-Aug-07	JWB
<i>Poanes taxiles</i>	Grant: 5 mi N. Pinos Altos	20-Jun-09	B/B
<i>Poanes taxiles</i>	Lincoln: Ski Apache area	25-Jun-09	B/B
<i>Notamblyscirtes simius</i>	Eddy: 2 mi S of Rt 137 on FR 412	27-Jun-09	B/B

PAPILIONIDAE

Battus philenor	Lincoln: 1 mi E. Sierra Vista	26-Jun-09	B/B
Papilio multicaudata early record,	Bernalillo: Albuquerque,	29-Jan-09	DJF
Papilio multicaudata	Sierra: FR 59 N. of Mimbres, County line	21-Jun-09	B/B
Papilio multicaudata	Lincoln: 1 mi E. Sierra Vista	26-Jun-09	B/B
Papilio rutulus	Sierra: FR 59 N. of Mimbres, County line	21-Jun-09	B/B

PIERIDAE

Pontia protodice VC03 @ gate to Redondo Meadow, 7900' elev.,	Sandoval: Valles Caldera National Preserve	16-Aug-07	JWB
Pontia protodice VC03 5 rd. mi from Redondo gate, 9200' elev.,	Sandoval: Valles Caldera National Preserve	17-Aug-07	JWB
Pieris marginalis macdunnoughi	Lincoln: Ski Apache area	25-Jun-09	B/B
Kricogonia lyside	OTERO: Otero Mesa,	25-Jun-09	BB5

LYCAENIDAE

Lycaena arota VC03 @ gate to Redondo Meadow, 7900' elev.,	Sandoval: Valles Caldera National Preserve	16-Aug-07	JWB
Lycaena helloides VC03 5 rd. mi from Redondo gate, 9200' elev.,	Sandoval: Valles Caldera National Preserve	17-Aug-07	JWB
Atlides halesus	Eddy: Intersect of FR 64 and Rt 137	27-Jun-09	B/B
Satyrrium calanus VC03 5 rd. mi from Redondo gate, 9200' elev.,	Sandoval: Valles Caldera National Preserve	17-Aug-07	JWB
Callophrys gryneus siva	Eddy: Intersect of FR 64 and Rt 137	27-Jun-09	B/B
Callophrys polios	TAOS: 2 mi. N of Garcia Park, FR 437,	20-May-09	SJC
Callophrys spinetorum	Grant: 5 mi N. Pinos Altos	20-Jun-09	B/B
Strymon melinus Photo documentation by Dave Anderson,	SIERRA: White Sands Missle Range,	15-Jan-09	SJC
Ministrymon leda	Hidalgo: 20 mi S of Animas	22-Jun-09	B/B
Ministrymon leda	Eddy: Intersect of FR 64 and Rt 137	27-Jun-09	B/B
Hypaurotis crysalus VC03 5 rd. mi from Redondo gate, 9200' elev.,	Sandoval: Valles Caldera National Preserve	17-Aug-07	JWB
Leptotes marina VC03 @ gate to Redondo Meadow, 7900' elev.,	Sandoval: Valles Caldera National Preserve	16-Aug-07	JWB
Brephidium exilis	Eddy: 2 mi S of Rt 137 on FR 412	27-Jun-09	B/B
Hemiargus ceraunus high record,	SANTE FE: Tesuque Peak, 12400' elev.,	19-Jun-09	SJC
Hemiargus ceraunus Seemed high altitude for this species, only one	Lincoln: White Mnt Wilderness 13,700'	26-Jun-09	B/B
Hemiargus ceraunus	GUADALUPE: Santa Rosa Lake SP,	16-Aug-09	CR
Glaucopsyche lygdamus oro	Lincoln: White Mnt Wilderness 13,700'	26-Jun-09	B/B
Echinargus isola VC03 @ gate to Redondo Meadow, 7900' elev.,	Sandoval: Valles Caldera National Preserve	16-Aug-07	JWB
Plebejus icarioides VC03 5 rd. mi from Redondo gate, 9200' elev.,	Sandoval: Valles Caldera National Preserve	17-Aug-07	JWB
Plebejus icarioides	Lincoln: White Mnt Wilderness 13,700'	26-Jun-09	B/B
Plebejus melissa VC03 @ gate to Redondo Meadow, 7900' elev.,	Sandoval: Valles Caldera National Preserve	16-Aug-07	JWB

RIODINIDAE

Calephelis nemesis	Hidalgo: 20 mi S of Animas	22-Jun-09	B/B
Apodemia palmerii	Hidalgo: 20 mi S of Animas	22-Jun-09	B/B

NYMPHALIDAE

Danaus gilippus	Hidalgo: 20 mi S of Animas	22-Jun-09	B/B
Cercyonis oetus VC03 @ gate to Redondo Meadow, 7900' elev.,	Sandoval: Valles Caldera National Preserve	16-Aug-07	JWB
Cercyonis oetus	Lincoln: Villa Madonna 6,000'	26-Jun-09	B/B
Cyllopsis pertepida	Eddy: 2 mi S of Rt 137 on FR 412	27-Jun-09	B/B
Megisto rubricata	Grant: 5 mi N. Pinos Altos	20-Jun-09	B/B
Megisto rubricata	Eddy: 2 mi S of Rt 137 on FR 412	27-Jun-09	B/B
Gyrocheilus patrobas North and East Record	VALENCIA: east of Belen,	15-Aug-09	DJF
Euptoieta claudia VC03 @ gate to Redondo Meadow, 7900' elev.,	Sandoval: Valles Caldera National Preserve	16-Aug-07	JWB
Speyeria aphrodite VC03 5 rd. mi from Redondo gate, 9200' elev., confirms old record	SANDOVAL: Valles Caldera National Preserve	17-Aug-07	JWB
Speyeria cybele	TAOS: east of Sipapu,	09-Aug-09	SJC
Speyeria hesperis nausicaa	Grant: 5 mi N. Pinos Altos	20-Jun-09	B/B
Speyeria hesperis nausicaa	Sierra: FR 59 N. of Mimbres, County line	21-Jun-09	B/B

<i>Limnitis arthemis arizonensis</i>	Grant: 5 mi N. Pinos Altos	20-Jun-09	B/B
<i>Limnitis weidemeyerii</i>	Sandoval: Valles Caldera National Preserve	16-Aug-07	JWB
VC03 @ gate to Redondo Meadow, 7900' elev.,			
<i>Asterocampa celtis</i>	VALENCIA: east of Belen, Manzano Mtns.,	16-Aug-09	DJF
<i>Vanessa annabella</i>	Lincoln: White Mnt Wilderness 13,700'	26-Jun-09	B/B
<i>Vanessa atalanta</i>	Sandoval: Valles Caldera National Preserve	16-Aug-07	JWB
VC03 @ gate to Redondo Meadow, 7900' elev.,			
<i>Vanessa virginiensis</i>	Sandoval: Valles Caldera National Preserve	17-Aug-07	JWB
VC03 5 rd. mi from Redondo gate, 9200' elev.,			
<i>Aglais milberti</i>	Sandoval: Valles Caldera National Preserve	17-Aug-07	JWB
VC03 5 rd. mi from Redondo gate, 9200' elev.,			
<i>Aglais milberti</i>	Lincoln: Ski Apache area	25-Jun-09	B/B
Swarming			
<i>Nymphalis antiopa</i>	Sandoval: Valles Caldera National Preserve	16-Aug-07	JWB
VC03 @ gate to Redondo Meadow, 7900' elev.,			
<i>Polygonia gracilis zephyrus</i>	Sandoval: Valles Caldera National Preserve	17-Aug-07	JWB
VC03 5 rd. mi from Redondo gate, 9200' elev.,			
<i>Polygonia satyrus</i>	Sandoval: Valles Caldera National Preserve	16-Aug-07	JWB
VC03 @ gate to Redondo Meadow, 7900' elev.,			
<i>Poladryas arachne</i>	Grant: 5 mi N. Pinos Altos	20-Jun-09	B/B
<i>Chlosyne lacinia</i>	Grant: 5 mi N. Pinos Altos	20-Jun-09	B/B
<i>Chlosyne lacinia</i>	Hidalgo: 20 mi S of Animas	22-Jun-09	B/B
<i>Chlosyne rosita browni</i>	DOÑA ANA: Las Cruces,	13-Aug-09	SJC
STATE RECORD; collected by Noah Arthur, jct. of Mesilla Hills Drive & S. Fairacres Rd., State Record and North Record			
<i>Phyciodes graphica vesta</i>	Hidalgo: 20 mi S of Animas	22-Jun-09	B/B
<i>Phyciodes pulchella</i>	Sandoval: Valles Caldera National Preserve	16-Aug-07	JWB
VC03 @ gate to Redondo Meadow, 7900' elev.,			
<i>Phyciodes pulchella</i>	Sandoval: Valles Caldera National Preserve	17-Aug-07	JWB
VC03 5 rd. mi from Redondo gate, 9200' elev.,			

Moths

CRAMBIDAE

<i>Achyra rantalis</i>	OTERO: White Sands National Monument	19-May-09	EHM
<i>Choristostigma perpulchralis</i>	EDDY: Carlsbad Caverns National Park,	26-Sep-09	EHM
Rattlesnake Springs			
<i>Desmia funeralis</i>	EDDY: Carlsbad Caverns National Park,	09-Jun-09	EHM
Rattlesnake Springs			
<i>Diathrausta harlequinialis</i>	EDDY: Carlsbad Caverns National Park,	09-Jun-09	EHM
Rattlesnake Springs			
<i>Diathrausta harlequinialis</i>	OTERO: White Sands National Monument	20-Jun-09	26-Sep-09 EHM
reported from several localities within the Reserve			
<i>Evergestis obliquialis</i>	OTERO: 5 mi S of High Rolls, on West Side Rd	13-Aug-07	B/B
<i>Evergestis simulatilis</i>	OTERO: White Sands National Monument	23-Apr-09	EHM
<i>Evergestis vinctalis</i>	OTERO: White Sands National Monument	23-Apr-09	EHM
<i>Framinghamia helvalis</i>	EDDY: Carlsbad Caverns National Park,	26-Sep-09	EHM
Rattlesnake Springs			
<i>Hileithia magualis</i>	EDDY: Carlsbad Caverns National Park,	09-Jun-09	26-Sep-09 EHM
entrance to Slaughter Canyon			
<i>Hileithia rehamalis</i>	EDDY: Carlsbad Caverns National Park,	09-Jun-09	EHM
entrance to Slaughter Canyon			
<i>Loxostege allectalis</i>	OTERO: White Sands National Monument	20-Jun-09	EHM
<i>Loxostege sticticalis</i>	OTERO: White Sands National Monument	23-Apr-09	EHM
<i>Microtheoris vibicalis</i>	EDDY: Carlsbad Caverns National Park,	09-Jun-09	EHM
entrance to Slaughter Canyon			
<i>Mimorista trimaculalis</i>	EDDY: Carlsbad Caverns National Park,	26-Sep-09	EHM
Rattlesnake Springs			
<i>Mojavia achemonalis</i>	GRANT: 5 mi N. Pinos Altos	21-Jun-09	B/B
<i>Nephrogramma separata</i>	EDDY: Carlsbad Caverns National Park,	26-Sep-09	EHM
entrance to Slaughter Canyon			
<i>Noctueliopsis brunnealis</i>	OTERO: White Sands National Monument	06-Apr-09	EHM
<i>Noctueliopsis bububattalis</i>	OTERO: White Sands National Monument	26-Feb-09	EHM
<i>Palpita gracilalis</i>	OTERO: White Sands National Monument	19-May-09	EHM
<i>Parapediasia bolterella</i>	EDDY: Carlsbad Caverns National Park,	26-Sep-09	EHM
Rattlesnake Springs			
<i>Petrophila avernalis</i>	GRANT: 5 mi N. Pinos Altos	21-Jun-09	B/B
<i>Pyrausta demantrialis</i>	EDDY: Carlsbad Caverns National Park,	26-Sep-09	EHM
entrance to Slaughter Canyon			
<i>Pyrausta laticlavata</i>	OTERO: White Sands National Monument	19-May-09	EHM

Pyrausta laticlavia entrance to Slaughter Canyon	EDDY: Carlsbad Caverns National Park,	26-Sep-09		EHM
Pyrausta lethalis entrance to Slaughter Canyon	EDDY: Carlsbad Caverns National Park,	26-Sep-09		EHM
Pyrausta napaealis	OTERO: White Sands National Monument	06-Apr-09		EHM
Pyrausta nexalis	Otero: White Sands National Monument	26-Feb-09		EHM
Pyrausta pseudonythesalis	OTERO: White Sands National Monument	19-May-09		EHM
Rhodocantha diagonalis entrance to Slaughter Canyon	EDDY: Carlsbad Caverns National Park,	26-Sep-09		EHM
Saucrobotys futilalis Rattlesnake Springs	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
Uresiphita reversalis entrance to Slaughter Canyon	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
PYRALIDAE				
Aglossa caprealis	OTERO: White Sands National Monument	19-May-09		EHM
Pococera fuscolotella	OTERO: White Sands National Monument	23-Apr-09		EHM
Omphalocera occidentalis entrance to Slaughter Canyon	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
Meroptera mirandella	OTERO: White Sands National Monument	19-May-09		EHM
Ragonotia dotalis	OTERO: White Sands National Monument	19-May-09		EHM
Rumathia polingella entrance to Slaughter Canyon	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
Sosipatra rileyella	OTERO: White Sands National Monument	26-Feb-09		EHM
COSSIDAE				
Inguromorpha itzalana with Dave Wikle and Nate Gibson at	MCKINLEY: 2 mi SW of Manuelito, Navajo Indian Reservation uv trap along Indian Service Rd. #7140, 6224' elev., Navajo Nation Permit #515	25-Jul-09	26-Jul-09	CEH
Givira lotta	HIDALGO : 64 mi S of Animas, FR #63	12-Aug-07		B/B
Comadia henrici	OTERO: White Sands National Monument	19-May-09		EHM
Comadia manfredi	OTERO: White Sands National Monument	23-Apr-09		EHM
LIMACODIDAE				
Isa schaefferana	HIDALGO : 64 mi S of Animas, FR #63	12-Aug-07		B/B
TORTRICIDAE				
Phaneta columbiana reported from several localities within the Reserve	OTERO: White Sands National Monument	06-Apr-09	23-Apr-09	EHM
Phaneta grindeliana	OTERO: White Sands National Monument	19-May-09		EHM
Eucosma agassizii	OTERO: White Sands National Monument	23-Apr-09		EHM
Eucosma crambitana reported from several localities within the Reserve	OTERO: White Sands National Monument	25-Aug-09	14-Sep-09	EHM
Eucosma ragonoti taken off roadside, uv trap, rabbitbrush/juniper/sage, 7211' elev.	TAOS: Carson NF, 1.7 south of Talpa, Hwy. #518	11-Sep-09	12-Sep-09	CEH
Pelochrista scintillana	OTERO: White Sands National Monument	26-Feb-09		EHM
Ofatulena duodecemstriata	OTERO: White Sands National Monument	19-May-09		EHM
Cydia latiferreanus	HIDALGO : 64 mi S of Animas, FR #63	12-Aug-07		B/B
Acroplectis haemanthes	OTERO: White Sands National Monument	23-Apr-09		EHM
Sparganothis sulfureana	OTERO: White Sands National Monument	19-May-09		EHM
Cochylis felix	OTERO: White Sands National Monument	26-Feb-09		EHM
GEOMETRIDAE				
Macaria decorata	OTERO: White Sands National Monument	19-May-09		EHM
Macaria metanemaria	OTERO: White Sands National Monument	20-Jun-09		EHM
Speranza saphenata Rattlesnake Springs	EDDY: Carlsbad Caverns National Park,	09-Jun-09	26-Sep-09	EHM
Digrammia pallidata	OTERO: White Sands National Monument	19-May-09		EHM
Sicyopsis blanchardata entrance to Slaughter Canyon	EDDY: Carlsbad Caverns National Park,	09-Jun-09	26-Sep-09	EHM
Enconista dislocaria entrance to Slaughter Canyon	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
Narraga fimetaria Night Canyon Rd & Rt 90,	GRANT: 19 Mi N. of Lordsburg,	11-Aug-07		B/B
Chesiadodes bicolor reported from several localities within the Reserve	OTERO: White Sands National Monument	26-Feb-09	15-Jul-09	EHM
Anacamptodes obliquaria	OTERO: White Sands National Monument	19-May-09		EHM
Anacamptodes obliquaria entrance to Slaughter Canyon	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
Anavitrinella astrigaria entrance to Slaughter Canyon	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
Anavitrinella ocularia Night Canyon Rd & Rt 90,	GRANT: 19 Mi N. of Lordsburg,	11-Aug-07		B/B

Vinemina catalina Night Canyon Rd & Rt 90,	GRANT: 19 Mi N. of Lordsburg,	11-Aug-07		B/B
Holochroa dissociaria	HIDALGO : 64 mi S of Animas, FR #63	12-Aug-07		B/B
Pterospoda opuscularia	GRANT: 5 mi N. Pinos Altos	21-Jun-09		B/B
Pero meskaria	OTERO: White Sands National Monument	26-Feb-09		EHM
Nacophora quernaria Night Canyon Rd & Rt 90,	GRANT: 19 Mi N. of Lordsburg,	11-Aug-07		B/B
Eriplatymetra grottearia 15 mi W of Rte #25,	SOCORRO: Apache Kid Wilderness, FR #225,	17-Aug-07		B/B
Caripeta macularia	Grant: 5 mi N. Pinos Altos	21-Jun-09		B/B
Sicya morsicaria Night Canyon Rd & Rt 90,	GRANT: 19 Mi N. of Lordsburg,	11-Aug-07		B/B
Sicya morsicaria taken off roadside, uv trap, rabbitbrush/juniper/sage, 7152' elev.	TAOS: Carson NF, 1.5 south of Talpa, Hwy. #518	11-Sep-09	12-Sep-09	CEH
Sabulodes dissimilis Night Canyon Rd & Rt 90,	GRANT: 19 Mi N. of Lordsburg,	11-Aug-07		B/B
Euacidalia sericearia	OTERO: White Sands National Monument	19-May-09		EHM
Lobocleta ossularia reported from several localities within the Reserve	OTERO: White Sands National Monument	19-May-09	17-Oct-09	EHM
Lobocleta peralbata	OTERO: White Sands National Monument	20-Jun-09		EHM
Idaea bonifata	OTERO: White Sands National Monument	14-Sep-09		EHM
Idaea gemmata reported from several localities within the Reserve	OTERO: White Sands National Monument	23-Apr-09	25-Aug-09	EHM
Idaea microphysa	OTERO: White Sands National Monument	19-May-09		EHM
Cyclophora nanaria	OTERO: White Sands National Monument	19-May-09		EHM
Cyclophora packardi Night Canyon Rd & Rt 90,	GRANT: 19 Mi N. of Lordsburg,	11-Aug-07		B/B
Semaepus ella entrance to Slaughter Canyon	EDDY: Carlsbad Caverns National Park,	26-Sep-09		EHM
Semaepus ella	OTERO: White Sands National Monument	26-Sep-09		EHM
Scopula plantagenaria entrance to Slaughter Canyon	EDDY: Carlsbad Caverns National Park,	26-Sep-09		EHM
Perizoma custodiata reported from several localities within the Reserve	OTERO: White Sands National Monument	09-Jan-09	19-May-09	EHM
Stamnoctenis morrisata	OTERO: 5 mi S of High Rolls, on West Side Rd	13-Aug-07		B/B
Orthonama centrostrigaria	OTERO: White Sands National Monument	14-Sep-09		EHM
Orthonama centrostrigaria entrance to Slaughter Canyon	EDDY: Carlsbad Caverns National Park,	26-Sep-09		EHM
Eubaphe unicolor	OTERO: White Sands National Monument	19-May-09		EHM
Eubaphe unicolor entrance to Slaughter Canyon	EDDY: Carlsbad Caverns National Park,	26-Sep-09		EHM
Prorella gypsata	OTERO: White Sands National Monument	14-Sep-09		EHM
Prorella gypsata entrance to Slaughter Canyon	EDDY: Carlsbad Caverns National Park,	26-Sep-09		EHM
LASIOCAMPIDAE				
Tolype distincta taken off roadside, uv trap, pinyon/juniper/sage, 7513' elev.	TAOS: E. of Taos, Carson NF, 1.5 mi. east of Hwy. 585,	10-Sep-09	11-Sep-09	CEH
Tolype nigricaria	HIDALGO : 64 mi S of Animas, FR #63	12-Aug-07		B/B
Gloveria arizonensis	Grant: 6 mi N. Pinos Altos, Mc Millan Camp	21-Jun-09		B/B
Gloveria arizonensis	Socorro: 10 mi S Rt 60 on FR 549, Black Bear Camp	24-Jun-09		B/B
Gloveria arizonensis	Otero: 5 mi S. High Rolls	27-Jun-09		B/B
SATURNIIDAE				
Sphingicampa hubbardi entrance to Slaughter Canyon	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
Automeris cecrops pamina	HIDALGO: 70 miles S Animas	22-Jun-09		B/B
Automeris cecrops pamina FR #225 10 miles from Hwy 25,	SOCORRO: Apache Kid Wilderness,	23-Jun-09		B/B
Automeris io entrance to Slaughter Canyon	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
Automeris io neomexicana	LINCOLN: Bonito Creek Rd, 5 mi W, Angus	26-Jun-09		B/B
Automeris randa Many male and female	Hidalgo: 70 miles S Animas	22-Jun-09		B/B
Automeris zephyria	Lincoln: Bonito Creek Rd, 5 mi W, Angus	26-Jun-09		B/B
Automeris zephyria	Otero: 5 mi S. High Rolls	27-Jun-09		B/B
Agapema homogena	GRANT: 6 mi N. Pinos Altos, Mc Millan Camp	21-Jun-09		B/B
Agapema homogena	Socorro: 10 mi S Rt 60 on FR 549, Black Bear Camp	24-Jun-09		B/B
Antheraea oculea	Grant: 6 mi N. Pinos Altos, Mc Millan Camp	21-Jun-09		B/B
Antheraea oculea	SOCORRO: 10 mi S Rt 60 on FR 549, Black Bear Camp	24-Jun-09		B/B

Antheraea oculea	LINCOLN: Bonito Creek Rd, 5 mi W, Angus	26-Jun-09		B/B
Hyalophora columbia gloveri	Grant: 6 mi N. Pinos Altos, Mc Millan Camp	21-Jun-09		B/B
Hyalophora columbia gloveri	SOCORRO: 10 mi S Rt 60 on FR 549, Black Bear Camp	24-Jun-09		B/B
SPHINGIDAE				
Manduca sexta	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
Rattlesnake Springs				
Sagenosoma elsa	Socorro: Apache Kid Wilderness,	23-Jun-09		B/B
FR #225 10 miles from Hwy 25,				
Sagenosoma elsa	Otero: White Sands National Monument	25-Jul-09		EHM
Sphinx chersis	HIDALGO: 70 miles S Animas	22-Jun-09		B/B
Sphinx chersis	Lincoln: Bonito Creek Rd, 5 mi W, Angus	26-Jun-09		B/B
Sphinx chersis	Otero: 5 mi S. High Rolls	27-Jun-09		B/B
Sphinx dollii	HIDALGO: 70 miles S Animas	22-Jun-09		B/B
Sphinx dollii	Socorro: 10 mi S Rt 60 on FR 549, Black Bear Camp	24-Jun-09		B/B
Sphinx dollii	McKinley: 2.5 mi. SW of Manuelito, Navajo Indian Reservation	25-Jul-09	26-Jul-09	CEH
with Dave Wikle and Nate Gibson at	uv trap along Indian Service Rd. #7140, 6237' elev., Navajo Nation Permit #515			
Pachysphinx occidentalis	Cibola: Grants, along Hwy. I-40, Cibola National Forest	26-Jul-09		CEH
taken at store lights, 3am, 6434' elev.				
Erinnyis obscura	TAOS: E. of Taos, Carson NF, 0.7 mi. east of Hwy. 585,	09-Sep-09	10-Sep-09	CEH
taken off roadside, uv trap, riparian,	pinyon/juniper/sage, 7362' elev.			
Eumorpha typhon	Hidalgo: 70 miles S Animas	22-Jun-09		B/B
Eumorpha vitis	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
Rattlesnake Springs				
Xylophanes falco	Hidalgo: 70 miles S Animas	22-Jun-09		B/B
Hyles lineata	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
Rattlesnake Springs				
NOTODONTIDAE				
Clostera inornata	GRANT: 19 Mi N. of Lordsburg,	11-Aug-07		B/B
Night Canyon Rd & Rt 90,				
Datana neomexicana	EDDY: Carlsbad Caverns National Park,	02-Jun-09		EHM
entrance to Slaughter Canyon				
Datana perspicua	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
Rattlesnake Springs				
Litodonta wymola	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
entrance to Slaughter Canyon				
Heterocampa averna	GRANT: 19 Mi N. of Lordsburg,	11-Aug-07		B/B
Night Canyon Rd & Rt 90,				
Theroa zethus	HIDALGO : 64 mi S of Animas, FR #63	12-Aug-07		B/B
STATE RECORD				
Oligocentria alpica	EDDY: Guadalupe Rim Rd & Rt 137, W of Carlsbad	16-Aug-07		B/B
Oligocentria alpica	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
entrance to Slaughter Canyon				
Oligocentria coloradensis	Eddy: Carlsbad Caverns National Park,	09-Jun-09		EHM
entrance to Slaughter Canyon				
Oligocentria paradisi	GRANT: 19 Mi N. of Lordsburg,	11-Aug-07		B/B
Night Canyon Rd & Rt 90,				
Euhyparpax rosea	GRANT: 19 Mi N. of Lordsburg,	11-Aug-07		B/B
Night Canyon Rd & Rt 90,				
ARCTIIDAE				
Lycomorpha splendens	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
entrance to Slaughter Canyon				
Inopsis modulata	EDDY: 2 mi S of Rt 137 on FR 412	27-Jun-09		B/B
STATE RECORD				
Gnamptonychia ventralis	Grant: 6 mi N. Pinos Altos, Mc Millan Camp	21-Jun-09		B/B
Holomelina ferruginosa	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
entrance to Slaughter Canyon				
Grammia incorrupta	HIDALGO: 70 miles S Animas	22-Jun-09		B/B
Grammia nevadensis	TAOS: Carson NF, 1.7 south of Talpa, Hwy. #518	11-Sep-09	12-Sep-09	CEH
taken off roadside, uv trap, rabbitbrush/juniper/sage, 7211' elev.				
Estigmene acrea	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
Rattlesnake Springs				
Hypercompe permaculata	SOCORRO: 10 mi S Rt 60 on FR 549, Black Bear Camp	24-Jun-09		B/B
Hypercompe permaculata	LINCOLN: Bonito Creek Rd, 5 mi W, Angus	26-Jun-09		B/B
Arachnis nedyma	GRANT: 6 mi N. Pinos Altos, Mc Millan Camp	21-Jun-09		B/B
STATE RECORD				
Arachnis picta	LINCOLN: Bonito Creek Rd, 5 mi W, Angus	26-Jun-09		B/B
Haploa reversa	LINCOLN: Bonito Creek Rd, 5 mi W, Angus	26-Jun-09		B/B

<i>Euchaetes antica</i> FR #225 10 miles from Hwy 25,	SOCORRO: Apache Kid Wilderness,	23-Jun-09		B/B
<i>Euchaetes polingi</i> entrance to Slaughter Canyon	EDDY: Carlsbad Caverns National Park,	02-Jun-09		EHM
<i>Euchaetes polingi</i>	GRANT: 6 mi N. Pinos Altos, Mc Millan Camp	21-Jun-09		B/B
<i>Pygoctenucha terminalis</i>	GRANT: 6 mi N. Pinos Altos, Mc Millan Camp	21-Jun-09		B/B
<i>Ectypia clio</i> FR #225 10 miles from Hwy 25,	SOCORRO: Apache Kid Wilderness,	23-Jun-09		B/B
<i>Ectypia clio</i> with Dave Wikle and Nate Gibson at	McKinley: 2.5 mi. SW of Manuelito, Navajo Indian Reservation uv trap along Indian Service Rd. #7140, 6237' elev., Navajo Nation Permit #515	25-Jul-09	26-Jul-09	CEH
<i>Pygarctia murina</i> Rattlesnake Springs	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
<i>Pygarctia murina</i>	OTERO: White Sands National Monument	15-Jul-09		EHM
<i>Pygarctia roseicapitis</i> entrance to Slaughter Canyon	EDDY: Carlsbad Caverns National Park,	09-May-09		EHM
<i>Lophocampa argentata</i>	LINCOLN: Bonito Creek Rd, 5 mi W, Angus	26-Jun-09		B/B
<i>Aemilia ambigua</i>	SOCORRO: 10 mi S Rt 60 on FR 549, Black Bear Camp	24-Jun-09		B/B
<i>Aemilia ambigua</i>	LINCOLN: Bonito Creek Rd, 5 mi W, Angus	26-Jun-09		B/B
<i>Hemihyalea labecula</i>	LINCOLN: Bonito Creek Rd, 5 mi W, Angus	26-Jun-09		B/B
<i>Bertholdia trigona</i> FR #225 10 miles from Hwy 25,	SOCORRO: Apache Kid Wilderness,	23-Jun-09		B/B
<i>Bertholdia trigona</i>	LINCOLN: Bonito Creek Rd, 5 mi W, Angus	26-Jun-09		B/B
LYMANTRIIDAE				
<i>Orgyia pseudotsugata benigna</i>	LINCOLN: 5 mi W of Angus, Bonito Creek Rd	15-Aug-07		B/B
NOCTUIDAE				
<i>Dasyblemma straminea</i> entrance to Slaughter Canyon	EDDY: Carlsbad Caverns National Park,	26-Sep-09		EHM
<i>Idia americalis</i> Jct. VC02 & VC701, El Cajete, 8700' elev.,	SANDOVAL: Valles Caldera National Preserve	14-Jul-09		MGP
<i>Idia immaculalis</i> entrance to Slaughter Canyon	EDDY: Carlsbad Caverns National Park,	26-Sep-09		EHM
<i>Rejectaria albisinuata</i>	GRANT: 5 mi N. Pinos Altos	21-Jun-09		B/B
<i>Hypena humuli</i> collected with Jadranka Rota at vicinity of Union Building, 8510' elev., & at 0.25 mi N of Union Building, 8526 ft.	SANDOVAL: Valles Caldera National Preserve	26-Jun-09	27-Jun-09	JWB
<i>Hemeroplanis finitima</i> VC03 ca. 1.8 rd. mi from gate, 8140' elev.,	SANDOVAL: Valles Caldera National Preserve	19-Aug-07		JWB
<i>Hemeroplanis punitalis</i> Night Canyon Rd & Rt 90,	GRANT: 19 Mi N. of Lordsburg,	11-Aug-07		B/B
<i>Isogona tenuis</i> entrance to Slaughter Canyon	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
<i>Lygephila exsiccata</i>	OTERO: White Sands National Monument	26-Feb-09		EHM
<i>Lygephila exsiccata</i> Rattlesnake Springs	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
<i>Lygephila victoria</i> 0.7 mi SW Union House, 8320' elev. and 2.8 mi SE Jct. VC03 & VC02 on VC02, 8890' elev.,	SANDOVAL: Valles Caldera National Preserve	14-Jul-09	16-Jul-09	MGP
<i>Lygephila victoria</i> collected w/ Alma Solis at Valle Grande, 1.2 mi N of main entrance, 8500' elev.,	Sandoval: Valles Caldera National Preserve	18-Jul-09		MGP
<i>Melipotis indomita</i> 2.6 mi NE Union House, 9555 ft. and two additional localities within the Preserve to 8890' elev.,	SANDOVAL: Valles Caldera National Preserve	15-Jul-09	16-Jul-09	MGP
<i>Melipotis jucunda</i> with Dave Wikle and Nate Gibson at	McKinley: 2 mi SW of Manuelito, Navajo Indian Reservation uv trap along Indian Service Rd. #7140, 6224' elev., Navajo Nation Permit #515	25-Jul-09	26-Jul-09	CEH
<i>Melipotis novanda</i> entrance to Slaughter Canyon	EDDY: Carlsbad Caverns National Park,	09-Jun-09	26-Sep-09	EHM
<i>Bulia deducta</i> collected w/ Alma Solis at Valle Grande, 2.3 mi NW of main entrance	Sandoval: Valles Caldera National Preserve	18-Jul-09		MGP
<i>Bulia deducta</i> taken off roadside, uv trap, pinyon/juniper/sage, 7513' elev.	TAOS: E. of Taos, Carson NF, 1.5 mi. east of Hwy. 585,	10-Sep-09	11-Sep-09	CEH
<i>Drasteria inepta</i> entrance to Slaughter Canyon	Eddy: Carlsbad Caverns National Park,	09-Jun-09		EHM
<i>Drasteria mirifica</i> reported from several localities within the Reserve	OTERO: White Sands National Monument	15-Jul-09	25-Aug-09	EHM
<i>Drasteria sabulosa</i> collected with Jadranka Rota at entrance Redondo Gate, 7974 ft.	SANDOVAL: Valles Caldera National Preserve	26-Jun-09		JWB
<i>Euclidia cuspidata</i> collected with Jadranka Rota at entrance Redondo Gate, 7974 ft. and vicinity of Union Building, 8510' elev.,	SANDOVAL: Valles Caldera National Preserve	26-Jun-09		JWB
<i>Euclidia intercalaris</i> Night Canyon Rd & Rt 90,	GRANT: 19 Mi N. of Lordsburg,	11-Aug-07		B/B
<i>Euclidia intercalaris</i>	OTERO: White Sands National Monument	15-Jul-09		EHM

Euclidia intercalaris with Dave Wikle and Nate Gibson at uv trap along Indian Service Rd. #7140, 6224' elev., Navajo Nation Permit #515	MCKINLEY: 2 mi SW of Manuelito, Navajo Indian Reservation	25-Jul-09	26-Jul-09	CEH
Caenurgina crassiuscula 0.2 mi NE Union House, 8600' elev. and 1.5 mi NE Union House, 9066 ft.	Sandoval: Valles Caldera National Preserve	13-Jul-09		MGP
Caenurgina erechtea Rattlesnake Springs	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
Ptichodis bucetum 2.1 mi NE Union House, 9360' elev.,	SANDOVAL: Valles Caldera National Preserve	15-Jul-09		MGP
Ptichodis ovalis	GRANT: 5 mi N Pinos Altos, Rt 15	10-Aug-07		B/B
Lesmone griseipennis Night Canyon Rd & Rt 90,	GRANT: 19 Mi N. of Lordsburg,	11-Aug-07		B/B
Zale chisosensis STATE RECORD; entrance to Slaughter Canyon	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
Zale galbanata Night Canyon Rd & Rt 90,	GRANT: 19 Mi N. of Lordsburg,	11-Aug-07		B/B
Zale insuda Night Canyon Rd & Rt 90,	GRANT: 19 Mi N. of Lordsburg,	11-Aug-07		B/B
Zale termina	GRANT: 6 mi N. Pinos Altos, Mc Millan Camp	21-Jun-09		B/B
Zale termina	OTERO: White Sands National Monument	15-Jul-09		EHM
Zale termina entrance to Slaughter Canyon	EDDY: Carlsbad Caverns National Park,	26-Sep-09		EHM
Euparthenos nubilis collected with Jadranka Rota at entrance Redondo Gate, 7974 ft. and vicinity of Union Building, 8510' elev.,	Sandoval: Valles Caldera National Preserve	26-Jun-09		JWB
Euparthenos nubilis 0.7 mi SW Union House, 8320' elev. and five additional localities within the Preserve to 9360' elev.,	SANDOVAL: Valles Caldera National Preserve	13-Jul-09	16-Jul-09	MGP
Euparthenos nubilis collected w/ Alma Solis at Redondo Meadow, 1.6 mi SE of gate on VC02, 8120' elev.,	Sandoval: Valles Caldera National Preserve	18-Jul-09		MGP
Catocala aholibah	Otero: 5 mi S of High Rolls, on West Side Rd	13-Aug-07		B/B
Catocala aholibah	Lincoln: 5 mi W of Angus, Bonito Creek Rd	15-Aug-07		B/B
Catocala aholibah taken off roadside, uv trap, riparian, pinyon/juniper/sage, 7362' elev.	TAOS: E. of Taos, Carson NF, 0.7 mi. east of Hwy. 585,	09-Sep-09	10-Sep-09	CEH
Catocala frederici entrance to Slaughter Canyon	EDDY: Carlsbad Caverns National Park,	08-Jun-09		EHM
Catocala grotiana taken off roadside, uv trap, pinyon/juniper/sage, 7448' elev.	TAOS: E. of Taos, Carson NF, 1.2 mi. east of Hwy. 585,	10-Sep-09	11-Sep-09	CEH
Catocala hermia taken off roadside, uv trap, rabbitbrush/juniper/sage, 7152' elev.	TAOS: Carson NF, 1.5 south of Talpa, Hwy. #518	11-Sep-09	12-Sep-09	CEH
Catocala junctura	OTERO: White Sands National Monument	17-Oct-09		EHM
Catocala neogama	Grant: 5 mi N Pinos Altos, Rt 15	10-Aug-07		B/B
Catocala piatrix entrance to Slaughter Canyon	EDDY: Carlsbad Caverns National Park,	26-Sep-09		EHM
Catocala violenta VC03 @ gate to Redondo Meadow, 7900' elev.,	SANDOVAL: Valles Caldera National Preserve	16-Aug-07		JWB
Trichoplusia ni	OTERO: White Sands National Monument	25-Aug-09		EHM
Trichoplusia ni taken off roadside, uv trap, pinyon/juniper/sage, 7513' elev.	TAOS: E. of Taos, Carson NF, 1.5 mi. east of Hwy. 585,	10-Sep-09	11-Sep-09	CEH
Megalographa biloba VC03 ca. 1.8 rd. mi from gate, 8140' elev.,	SANDOVAL: Valles Caldera National Preserve	19-Aug-07		JWB
Autographa ampla 2.1 mi NE Union House, 9360' elev.,	SANDOVAL: Valles Caldera National Preserve	15-Jul-09		MGP
Syngrapha viridisigma VC03 @ gate to Redondo Meadow, 7900' elev.,	SANDOVAL: Valles Caldera National Preserve	16-Aug-07		JWB
Plusia putnami VC03 @ gate to Redondo Meadow, 7900' elev.,	SANDOVAL: Valles Caldera National Preserve	16-Aug-07		JWB
Plusia putnami 0.4 mi NE Union House, 8610' elev.,	Sandoval: Valles Caldera National Preserve	13-Jul-09		MGP
Plusia putnami w/ Alma Solis at 1.8 mi NE of first gate to Sulphur Canyon, 8800' elev.,	Sandoval: Valles Caldera National Preserve	19-Jul-09		MGP
Tripudia chihuahua STATE RECORD; entrance to Slaughter Canyon	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
Tripudia limbatus STATE RECORD	OTERO: White Sands National Monument	23-Apr-09		EHM
Cobubatha lixiva STATE RECORD; Rattlesnake Springs	EDDY: Carlsbad Caverns National Park,	26-Sep-09		EHM
Cobubatha orthozona STATE RECORD	OTERO: White Sands National Monument	25-Aug-09		EHM
Cobubatha orthozona entrance to Slaughter Canyon	EDDY: Carlsbad Caverns National Park,	26-Sep-09		EHM
Copibryophila angelica	OTERO: White Sands National Monument	26-Feb-09		EHM

Bagisara buxeya reported from several localities within the Reserve	OTERO: White Sands National Monument	19-May-09	15-Jul-09	EHM
Tarachidia libedis	OTERO: White Sands National Monument	23-Apr-09		EHM
Tarachidia tortricina	OTERO: White Sands National Monument	25-Aug-09		EHM
Tarachidia venustula Rattlesnake Springs	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
Conochares altera	Lincoln: 5 mi W of Angus, Bonito Creek Rd	15-Aug-07		B/B
Conochares altera entrance to Slaughter Canyon	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
Conochares arizonae reported from several localities within the Reserve	Otero: White Sands National Monument	06-Apr-09	25-Aug-09	EHM
Conochares arizonae Rattlesnake Springs	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
Therasea augustipennis Rattlesnake Springs	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
Therasea augustipennis taken off roadside, uv trap, rabbitbrush/juniper/sage, 7211' elev.	Taos: Carson NF, 1.7 south of Talpa, Hwy. #518	11-Sep-09	12-Sep-09	CEH
Therasea augustipennis	OTERO: White Sands National Monument	14-Sep-09		EHM
Therasea huachuca	GRANT: 5 mi N Pinos Altos, Rt 15	10-Aug-07		B/B
Spragueia obatra Rattlesnake Springs	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
Acontia albifusa STATE RECORD	GRANT: 5 mi N Pinos Altos, Rt 15	10-Aug-07		B/B
Acontia areloides	LINCOLN: 5 mi W of Angus, Bonito Creek Rd	15-Aug-07		B/B
Acontia cretata reported from several localities within the Reserve	OTERO: White Sands National Monument	15-Jul-09	25-Aug-09	EHM
Acontia expolita Rattlesnake Springs	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
Acontia expolita reported from several localities within the Reserve	OTERO: White Sands National Monument	15-Jul-09	25-Aug-09	EHM
Acontia lanceolata reported from several localities within the Reserve	OTERO: White Sands National Monument	20-Jun-09	14-Sep-09	EHM
Acontia lucasi STATE RECORD	OTERO: White Sands National Monument	15-Jul-09		EHM
Acontia quadriplaga Rattlesnake Springs	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
Acontia quadriplaga reported from several localities within the Reserve	OTERO: White Sands National Monument	20-Jun-09	14-Sep-09	EHM
Panthea gigantea	Grant: 5 mi N Pinos Altos, Rt 15	10-Aug-07		B/B
Panthea judyae Night Canyon Rd & Rt 90,	Grant: 19 Mi N. of Lordsburg,	11-Aug-07		B/B
Pseudopanthea palata	HIDALGO : 64 mi S of Animas, FR #63	12-Aug-07		B/B
Pseudopanthea palata	EDDY: Guadalupe Rim Rd & Rt 137, W of Carlsbad	16-Aug-07		B/B
Meleneta antennata	GRANT: 19 Mi N. of Lordsburg,	11-Aug-07		B/B
Meleneta antennata 15 mi W of Rte #25,	SOCORRO: Apache Kid Wilderness, FR #225,	17-Aug-07		B/B
Raphia frater	LINCOLN: Bonito Creek Rd, 5 mi W, Angus	26-Jun-09		B/B
Acronicta edolata Night Canyon Rd & Rt 90,	GRANT: 19 Mi N. of Lordsburg,	11-Aug-07		B/B
Acronicta edolata	OTERO: 5 mi S of High Rolls, on West Side Rd	13-Aug-07		B/B
Acronicta grisea 0.2 mi NE Union House, 8600' elev. and two additional localities within the Preserve from 8350 to 9555 ft. elev.	SANDOVAL: Valles Caldera National Preserve	13-Jul-09	15-Jul-09	MGP
Acronicta strigulata	GRANT: 6 mi N. Pinos Altos, Mc Millan Camp	21-Jun-09		B/B
Xerociris wilsonii STATE RECORD; entrance to Slaughter Canyon	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
Gerra sevorsa	GRANT: 6 mi N. Pinos Altos, Mc Millan Camp	21-Jun-09		B/B
Euscirrhopterus cosyra STATE RECORD; Rattlesnake Springs	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
Euscirrhopterus cosyra	OTERO: White Sands National Monument	15-Jul-09		EHM
Euscirrhopterus gloveri	OTERO: White Sands National Monument	15-Jul-09		EHM
Euscirrhopterus gloveri with Dave Wikle and Nate Gibson at uv trap along Indian Service Rd. #7140, 6224' elev., Navajo Nation Permit #515	McKinley: 2 mi SW of Manuelito, Navajo Indian Reservation	25-Jul-09	26-Jul-09	CEH
Alypiodes bimaculata	EDDY: Intersect of FR 64 and Rt 137	27-Jun-09		B/B
Cucullia antipoda reported from several localities within the Reserve	OTERO: White Sands National Monument	29-Mar-09	20-Jun-09	EHM
Cucullia basipuncta	OTERO: White Sands National Monument	29-Mar-09		EHM
Cucullia charon reported from several localities within the Reserve	Otero: White Sands National Monument	23-Apr-09	29-Mar-09	EHM

<i>Cucullia intermedia</i> w/ Alma Solis at 0.8 mi NE of first gate to Sulphur Canyon, 8450' elev.,	SANDOVAL: Valles Caldera National Preserve	19-Jul-09		MGP
<i>Cucullia serraticornis</i> STATE RECORD	OTERO: White Sands National Monument	26-Feb-09		EHM
<i>Cucullia similaris</i> with Dave Wikle and Nate Gibson at uv trap along Indian Service Rd. #7140, 6224' elev., Navajo Nation Permit #515	McKinley: 2 mi SW of Manuelito, Navajo Indian Reservation	25-Jul-09	26-Jul-09	CEH
<i>Neogalea sunia</i> entrance to Slaughter Canyon	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
<i>Neogalea sunia</i> reported from several localities within the Reserve	OTERO: White Sands National Monument	15-Jul-09	25-Aug-09	EHM
<i>Catabenoides terminellus</i>	OTERO: White Sands National Monument	20-Jun-09		EHM
<i>Leucocnemis perfundis</i>	OTERO: White Sands National Monument	23-Apr-09		EHM
<i>Leucocnemis perfundis</i> entrance to Slaughter Canyon	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
<i>Copanarta aurea</i>	OTERO: White Sands National Monument	25-Aug-09		EHM
<i>Sympistis bes</i> STATE RECORD	OTERO: White Sands National Monument	19-May-09		EHM
<i>Sympistis chandleri</i> taken off roadside, uv trap, rabbitbrush/juniper/sage, 7152' elev.	TAOS: Carson NF, 1.5 south of Talpa, Hwy. #518	11-Sep-09	12-Sep-09	CEH
<i>Sympistis lachrymosa</i>	OTERO: White Sands National Monument	17-Oct-09		EHM
<i>Sympistis laticosta</i> reported from several localities within the Reserve	Otero: White Sands National Monument	23-Apr-09	14-Sep-09	EHM
<i>Sympistis pachet</i> STATE RECORD; 5000' elev.	VALENCIA: Tome, Veteran's Memorial Park	01-Oct-06		H/R
<i>Sympistis sanina</i> taken off roadside, uv trap, pinyon/juniper/sage, 7513' elev.	TAOS: E. of Taos, Carson NF, 1.5 mi. east of Hwy. 585,	10-Sep-09	11-Sep-09	CEH
<i>Sympistis sanina</i> taken off roadside, uv trap, rabbitbrush/juniper/sage, 7152' elev.	Taos: Carson NF, 1.5 south of Talpa, Hwy. #518	11-Sep-09	12-Sep-09	CEH
<i>Sympistis sanina</i> taken off roadside, uv trap, rabbitbrush/juniper/sage, 7211' elev.	Taos: Carson NF, 1.7 south of Talpa, Hwy. #518	11-Sep-09	12-Sep-09	CEH
<i>Sympistis toddi</i>	GRANT: 5 mi N Pinos Altos, Rt 15	10-Aug-07		B/B
<i>Stylopoda groteana</i> with Dave Wikle and Nate Gibson at uv trap along Indian Service Rd. #7140, 6224' elev., Navajo Nation Permit #515	MCKINLEY: 2 mi SW of Manuelito, Navajo Indian Reservation	25-Jul-09	26-Jul-09	CEH
<i>Stylopoda groteana</i> with Dave Wikle and Nate Gibson at uv trap along Indian Service Rd. #7140, 6237' elev., Navajo Nation Permit #515	McKinley: 2.5 mi. SW of Manuelito, Navajo Indian Reservation	25-Jul-09	26-Jul-09	CEH
<i>Amphipyra pyramidoides</i>	LINCOLN: 5 mi W of Angus, Bonito Creek Rd	15-Aug-07		B/B
<i>Ruacodes tela</i> Night Canyon Rd & Rt 90,	GRANT: 19 Mi N. of Lordsburg,	11-Aug-07		B/B
<i>Ruacodes tela</i>	HIDALGO : 64 mi S of Animas, FR #63	12-Aug-07		B/B
<i>Paramiana marina</i> STATE RECORD; reported from several localities within the Reserve	OTERO: White Sands National Monument	25-Aug-09	14-Sep-09	EHM
<i>Paramiana smaragdina</i>	GRANT: 5 mi N Pinos Altos, Rt 15	10-Aug-09		B/B
<i>Nocloa aliaga</i> STATE RECORD	HIDALGO : 64 mi S of Animas, FR #63	12-Aug-07		B/B
<i>Redingtonia alba</i> STATE RECORD	OTERO: White Sands National Monument	14-Sep-09		EHM
<i>Oxycnemis grandimacula</i> STATE RECORD; reported from several localities within the Reserve	OTERO: White Sands National Monument	23-Apr-09	20-Jun-09	EHM
<i>Plagiomimicus spumosum</i> with Dave Wikle and Nate Gibson at uv trap along Indian Service Rd. #7140, 6224' elev., Navajo Nation Permit #515	MCKINLEY: 2 mi SW of Manuelito, Navajo Indian Reservation	25-Jul-09	26-Jul-09	CEH
<i>Basilodes chrysopsis</i> with Dave Wikle and Nate Gibson at uv trap along Indian Service Rd. #7140, 6224' elev., Navajo Nation Permit #515	MCKINLEY: 2 mi SW of Manuelito, Navajo Indian Reservation	25-Jul-09	26-Jul-09	CEH
<i>Basilodes chrysopsis</i>	OTERO: White Sands National Monument	25-Aug-09	14-Sep-09	EHM
<i>Eulithosia composita</i> Night Canyon Rd & Rt 90,	GRANT: 19 Mi N. of Lordsburg,	11-Aug-07		B/B
<i>Stiria intermixta</i>	Eddy: Guadalupe Rim Rd & Rt 137, W of Carlsbad	16-Aug-07		B/B
<i>Stiria intermixta</i> 15 mi W of Rte #25,	SOCORRO: Apache Kid Wilderness, FR #225,	17-Aug-07		B/B
<i>Grotella blanchardi</i> entrance to Slaughter Canyon	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
<i>Grotella dis</i> VC03 ca. 1.8 rd. mi from gate, 8140' elev.,	SANDOVAL: Valles Caldera National Preserve	19-Aug-07		JWB
<i>Grotella olivacea</i>	OTERO: White Sands National Monument	25-Aug-09		EHM
<i>Neogrotella confusa</i>	OTERO: White Sands National Monument	15-Jul-09		EHM
<i>Grotellaforma lactea</i> STATE RECORD	LINCOLN: 5 mi W of Angus, Bonito Creek Rd	15-Aug-07		B/B
<i>Azenia implora</i>	OTERO: White Sands National Monument	15-Jul-09		EHM
<i>Chamaeclea pernana</i>	GRANT: 19 Mi N. of Lordsburg,	11-Aug-07		B/B
<i>Chamaeclea pernana</i>	HIDALGO : 64 mi S of Animas, FR #63	12-Aug-07		B/B

<i>Heliothis phloxiphagus</i>	OTERO: White Sands National Monument	19-May-09		EHM
<i>Heliothis phloxiphagus</i> 0.2 mi NE Union House, 8600' elev.,	SANDOVAL: Valles Caldera National Preserve	13-Jul-09		MGP
<i>Heliocheilus paradoxus</i> reported from several localities within the Reserve	OTERO: White Sands National Monument	19-May-09	20-Jun-09	EHM
<i>Heliocheilus paradoxus</i> w/ Alma Solis at Redondo Meadow, 1.3 mi SE of gate on VC02, 8566 ft.	SANDOVAL: Valles Caldera National Preserve	18-Jul-09		MGP
<i>Heliocheilus toralis</i>	OTERO: White Sands National Monument	25-Aug-09		EHM
<i>Schinia argentifascia</i>	OTERO: White Sands National Monument	25-Aug-09		EHM
<i>Schinia citrinella</i> with Dave Wikle and Nate Gibson at uv trap along Indian Service Rd. #7140, 6224' elev., Navajo Nation Permit #515	McKinley: 2 mi SW of Manuelito, Navajo Indian Reservation	25-Jul-09	26-Jul-09	CEH
<i>Schinia errans</i>	Grant: 5 mi N Pinos Altos, Rt 15	10-Aug-07		B/B
<i>Schinia ferrisi</i> with Dave Wikle and Nate Gibson at uv trap along Indian Service Rd. #7140, 6224' elev., Navajo Nation Permit #515	MCKINLEY: 2 mi SW of Manuelito, Navajo Indian Reservation	25-Jul-09	26-Jul-09	CEH
<i>Schinia gaurae</i> with Dave Wikle and Nate Gibson at uv trap along Indian Service Rd. #7140, 6224' elev., Navajo Nation Permit #515	McKinley: 2 mi SW of Manuelito, Navajo Indian Reservation	25-Jul-09	26-Jul-09	CEH
<i>Schinia grandimedia</i> Night Canyon Rd & Rt 90,	Grant: 19 Mi N. of Lordsburg,	11-Aug-07		B/B
<i>Schinia luxa</i> Night Canyon Rd & Rt 90,	GRANT: 19 Mi N. of Lordsburg,	11-Aug-07		B/B
<i>Schinia luxa</i>	Hidalgo : 64 mi S of Animas, FR #63	12-Aug-07		B/B
<i>Schinia luxa</i>	Otero: White Sands National Monument	25-Aug-09		EHM
<i>Schinia miniana</i> Night Canyon Rd & Rt 90,	Grant: 19 Mi N. of Lordsburg,	11-Aug-07		B/B
<i>Schinia mortua</i> with Dave Wikle and Nate Gibson at uv trap along Indian Service Rd. #7140, 6224' elev., Navajo Nation Permit #515	McKinley: 2 mi SW of Manuelito, Navajo Indian Reservation	25-Jul-09	26-Jul-09	CEH
<i>Schinia mortua</i>	Guadalupe: Santa Rosa	31-Aug-09		SMS
<i>Schinia nuchalis</i> Rattlesnake Springs	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
<i>Schinia roseitincta</i>	Eddy: Guadalupe Rim Rd & Rt 137, W of Carlsbad	16-Aug-07		B/B
<i>Schinia roseitincta</i>	OTERO: White Sands National Monument	15-Jul-09		EHM
<i>Schinia sexplagiata</i>	OTERO: White Sands National Monument	14-Sep-09		EHM
<i>Schinia zuni</i> with Dave Wikle and Nate Gibson at uv trap along Indian Service Rd. #7140, 6237' elev., Navajo Nation Permit #515	McKinley: 2.5 mi. SW of Manuelito, Navajo Indian Reservation	25-Jul-09	26-Jul-09	CEH
<i>Condica albolabes</i> taken off roadside, uv trap, pinyon/juniper/sage, 7513' elev.	TAOS: E. of Taos, Carson NF, 1.5 mi. east of Hwy. 585,	10-Sep-09	11-Sep-09	CEH
<i>Condica temecula</i> Night Canyon Rd & Rt 90,	GRANT: 19 Mi N. of Lordsburg,	11-Aug-07		B/B
<i>Condica temecula</i> Rattlesnake Springs	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
<i>Condica temecula</i> reported from several localities within the Reserve	OTERO: White Sands National Monument	15-Jul-09	14-Sep-09	EHM
<i>Draudtia egestis</i> entrance to Slaughter Canyon	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
<i>Draudtia leucorena</i>	OTERO: White Sands National Monument	20-Jun-09		EHM
<i>Micrathetis costiplaga</i> 15 mi W of Rte #25,	SOCORRO: Apache Kid Wilderness, FR #225,	17-Aug-07		B/B
<i>Crambodes talidiformis</i>	HIDALGO : 64 mi S of Animas, FR #63	12-Aug-07		B/B
<i>Fotella fragosa</i> STATE RECORD; entrance to Slaughter Canyon	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
<i>Emarginea percara</i>	GRANT: 5 mi N Pinos Altos, Rt 15	10-Aug-07		B/B
<i>Acopa perpallida</i> entrance to Slaughter Canyon	EDDY: Carlsbad Caverns National Park,	26-Sep-09		EHM
<i>Elaphria alapallida</i> collected with Jadranka Rota at entrance Redondo Gate, 7974 ft. and at vicinity of Union Building, 8510' elev.,	SANDOVAL: Valles Caldera National Preserve	26-Jun-09		JWB
<i>Elaphria alapallida</i> 0.7 mi SW Union House, 8320' elev.,	Sandoval: Valles Caldera National Preserve	14-Jul-09		MGP
<i>Bryolymnia semifascia</i> with Dave Wikle and Nate Gibson at uv trap along Indian Service Rd. #7140, 6224' elev., Navajo Nation Permit #515	MCKINLEY: 2 mi SW of Manuelito, Navajo Indian Reservation	25-Jul-09	26-Jul-09	CEH
<i>Caradrina camina</i> taken off roadside, uv trap, rabbitbrush/juniper/sage, 7211' elev.	TAOS: Carson NF, 1.7 south of Talpa, Hwy. #518	11-Sep-09	12-Sep-09	CEH
<i>Proxenus miranda</i>	OTERO: White Sands National Monument	14-Sep-09		EHM
<i>Cosmia calami</i> VC03 @ gate to Redondo Meadow, 7900' elev. and VC03 5 rd. mi from Redondo gate, 9200' elev.,	SANDOVAL: Valles Caldera National Preserve	16-Aug-07	18-Aug-07	JWB
<i>Cosmia calami</i> 2.6 mi NE Union House, 9555 ft.	Sandoval: Valles Caldera National Preserve	15-Jul-09		MGP
<i>Cosmia praeacuta</i> VC03 @ gate to Redondo Meadow, 7900' elev. and VC03 5 rd. mi from Redondo gate, 9200' elev.,	SANDOVAL: Valles Caldera National Preserve	17-Aug-07	19-Aug-07	JWB

<i>Enargia infumata</i> VC03 5 rd. mi from Redondo gate, 9200' elev.,	SANDOVAL: Valles Caldera National Preserve	17-Aug-07		JWB
<i>Enargia infumata</i> Jct. VC02 & VC701, El Cajete, 8700' elev. and 2 additional localities within the Preserve up to 9360' elev.,	Sandoval: Valles Caldera National Preserve	14-Jul-09	16-Jul-09	MGP
<i>Enargia infumata</i> w/ Alma Solis at Valle Grande, 1.2 mi N of main entrance, 8500' elev.,	Sandoval: Valles Caldera National Preserve	18-Jul-09		MGP
<i>Hyppa indistincta</i> 0.4 mi NE Union House, 8610' elev. and 2 additional localities within the Preserve at 8700' elev. and 9360' elev.,	SANDOVAL: Valles Caldera National Preserve	13-Jul-09	15-Jul-09	MGP
<i>Hyppa indistincta</i> w/ Alma Solis at 0.8 mi NE of first gate to Sulphur Canyon, 8450' elev.,	Sandoval: Valles Caldera National Preserve	19-Jul-09		MGP
<i>Properigea continens</i> entrance to Slaughter Canyon	EDDY: Carlsbad Caverns National Park,	09-Jun-09	26-Sep-09	EHM
<i>Properigea costa</i> 15 mi W of Rte #25,	SOCORRO: Apache Kid Wilderness, FR #225,	17-Aug-07		B/B
<i>Properigea mephisto</i> entrance to Slaughter Canyon	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
<i>Properigea seitzii</i> STATE RECORD; entrance to Slaughter Canyon	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
<i>Hemibryomima chryselectra</i> entrance to Slaughter Canyon	EDDY: Carlsbad Caverns National Park,	26-Sep-09		EHM
<i>Pseudanarta actura</i> Rattlesnake Springs	EDDY: Carlsbad Caverns National Park,	26-Sep-09		EHM
<i>Pseudanarta exasperata</i> taken off roadside, uv trap, rabbitbrush/juniper/sage, 7152' elev.	TAOS: Carson NF, 1.5 south of Talpa, Hwy. #518	11-Sep-09	12-Sep-09	CEH
<i>Pseudanarta exasperata</i> entrance to Slaughter Canyon	EDDY: Carlsbad Caverns National Park,	26-Sep-09		EHM
<i>Pseudanarta flavidens</i> VC03 @ gate to Redondo Meadow, 7900' elev. and VC03 5 rd. mi from Redondo gate, 9200' elev.,	SANDOVAL: Valles Caldera National Preserve	16-Aug-07	17-Aug-07	JWB
<i>Pseudanarta flavidens</i> 0.7 mi SW Union House, 8320' elev.,	Sandoval: Valles Caldera National Preserve	14-Jul-09		MGP
<i>Pseudanarta pulverulenta</i> VC03 5 rd. mi from Redondo gate, 9200' elev.,	SANDOVAL: Valles Caldera National Preserve	17-Aug-07		JWB
<i>Homoanarta carneola</i> VC03 @ gate to Redondo Meadow, 7900' elev.,	SANDOVAL: Valles Caldera National Preserve	16-Aug-07		JWB
<i>Homoanarta falcata</i> STATE RECORD; Rattlesnake Springs	EDDY: Carlsbad Caverns National Park,	26-Sep-09		EHM
<i>Apamea alia</i> 2.6 mi NE Union House, 9555 ft.	SANDOVAL: Valles Caldera National Preserve	15-Jul-09		MGP
<i>Apamea alia</i> w/ Alma Solis at 0.8 mi NE of first gate to Sulphur Canyon, 8450' elev.,	Sandoval: Valles Caldera National Preserve	19-Jul-09		MGP
<i>Apamea amputatrix</i> 2.1 mi NE Union House, 9360' elev.,	SANDOVAL: Valles Caldera National Preserve	15-Jul-09		MGP
<i>Apamea amputatrix</i> w/ Alma Solis at 0.8 mi NE of first gate to Sulphur Canyon, 8450' elev.,	Sandoval: Valles Caldera National Preserve	19-Jul-09		MGP
<i>Apamea atosuffusa</i> VC03 5 rd. mi from Redondo gate, 9200' elev.,	SANDOVAL: Valles Caldera National Preserve	17-Aug-07		JWB
<i>Apamea atosuffusa</i> 0.2 mi NE Union House, 8600' elev., to 2.6 mi NE Union House, 9555 ft	Sandoval: Valles Caldera National Preserve	13-Jul-09	15-Jul-09	MGP
<i>Apamea atosuffusa</i> w/ Alma Solis at 0.8 mi NE of first gate to Sulphur Canyon, 8450' elev.,	Sandoval: Valles Caldera National Preserve	18-Jul-09	19-Jul-09	MGP
<i>Apamea atosuffusa</i> taken off roadside, uv trap, pinyon/juniper/sage, 7513' elev.	TAOS: E. of Taos, Carson NF, 1.5 mi. east of Hwy. 585,	10-Sep-09	11-Sep-09	CEH
<i>Apamea devastator</i> VC03 @ gate to Redondo Meadow, 7900' elev. and VC03 5 rd. mi from Redondo gate, 9200' elev.,	Sandoval: Valles Caldera National Preserve	16-Aug-07	18-Aug-07	JWB
<i>Apamea devastator</i> 0.2 mi NE Union House, 8600' elev., to 2.1 mi NE Union House, 9360' elev.,	Sandoval: Valles Caldera National Preserve	13-Jul-09	15-Jul-09	MGP
<i>Apamea digitula</i> collected with Jadranka Rota at N1334vicinity of Union Building, 8510' elev.,	SANDOVAL: Valles Caldera National Preserve	26-Jun-09		JWB
<i>Apamea dubitans</i> taken off roadside, uv trap, pinyon/juniper/sage, 7513' elev.	TAOS: E. of Taos, Carson NF, 1.5 mi. east of Hwy. 585,	10-Sep-09	11-Sep-09	CEH
<i>Apamea fergusonii</i> 0.2 mi NE Union House, 8600' elev., to 2.6 mi NE Union House, 9555 ft.	SANDOVAL: Valles Caldera National Preserve	13-Jul-09	16-Jul-09	MGP
<i>Apamea fergusonii</i> w/ Alma Solis at N1341Valle Grande, 1.2 mi N of main entrance, 8500' elev.,	Sandoval: Valles Caldera National Preserve	18-Jul-09		MGP
<i>Apamea geminimacula</i>	LINCOLN: 5 mi W of Angus, Bonito Creek Rd	15-Aug-07		B/B
<i>Apamea geminimacula</i> VC03 ca. 1.8 rd. mi from gate, 8140' elev. and VC03 5 rd. mi from Redondo gate, 9200' elev.,	SANDOVAL: Valles Caldera National Preserve	17-Aug-07	19-Aug-07	JWB
<i>Apamea inficita</i> VC03 @ gate to Redondo Meadow, 7900' elev. and VC03 5 rd. mi from Redondo gate, 9200' elev.,	SANDOVAL: Valles Caldera National Preserve	16-Aug-07	18-Aug-07	JWB

Apamea inficita	Sandoval: Valles Caldera National Preserve	16-Jul-09		MGP
2.8 mi SE Jct. VC03 & VC02 on VC02, 8890' elev.,				
Apamea inficita	Sandoval: Valles Caldera National Preserve	19-Jul-09		MGP
w/ Alma Solis at 0.8 mi NE of first gate to Sulphur Canyon, 8450' elev.,				
Apamea lignicolora	SANDOVAL: Valles Caldera National Preserve	14-Jul-09	15-Jul-09	MGP
Jct. VC02 & VC701, El Cajete, 8700' elev. and 2.6 mi NE Union House, 9555 ft.				
Apamea lignicolora	Sandoval: Valles Caldera National Preserve	18-Jul-09		MGP
w/ Alma Solis at Redondo Meadow, 1.6 mi SE of gate on VC02, 8120' elev.,				
Apamea scoparia	SANDOVAL: Valles Caldera National Preserve	13-Jul-09	15-Jul-09	MGP
0.4 mi NE Union House, 8610' elev. and 2.6 mi NE Union House, 9555 ft.				
Apamea scoparia	Sandoval: Valles Caldera National Preserve	19-Jul-09		MGP
w/ Alma Solis at 0.8 mi NE of first gate to Sulphur Canyon, 8450' elev.,				
Apamea vultuosa	SANDOVAL: Valles Caldera National Preserve	15-Jul-09		MGP
2.6 mi NE Union House, 9555 ft.				
Eremobina claudens	SANDOVAL: Valles Caldera National Preserve	16-Aug-07		JWB
VC03 @ gate to Redondo Meadow, 7900' elev.,				
Oligia fractilinea	GRANT: 5 mi N Pinos Altos, Rt 15	10-Aug-07		B/B
Neoligia inermis	SANDOVAL: Valles Caldera National Preserve	16-Aug-07	17-Aug-07	JWB
VC03 @ gate to Redondo Meadow, 7900' elev. and VC03 5 rd. mi from Redondo gate, 9200' elev.,				
Neoligia tonsa	SANDOVAL: Valles Caldera National Preserve	13-Jul-09		MGP
1.5 mi NE Union House, 9066 ft.				
Amphipoea americana	SANDOVAL: Valles Caldera National Preserve	16-Aug-07	18-Aug-07	JWB
VC03 @ gate to Redondo Meadow, 7900' elev.,				
Amphipoea flavostigma	SANDOVAL: Valles Caldera National Preserve	16-Aug-07		JWB
VC03 @ gate to Redondo Meadow, 7900' elev.,				
Amphipoea flavostigma	Sandoval: Valles Caldera National Preserve	19-Jul-09		MGP
w/ Alma Solis at 0.8 mi NE of first gate to Sulphur Canyon, 8450' elev.,				
Mesogona olivata	TAOS: E. of Taos, Carson NF, 1.5 mi. east of Hwy. 585,	10-Sep-09	11-Sep-09	CEH
taken off roadside, uv trap, pinyon/juniper/sage, 7513' elev.				
Anathix puta	SANDOVAL: Valles Caldera National Preserve	17-Aug-07		JWB
VC03 5 rd. mi from Redondo gate, 9200' elev.,				
Lomylisis discolor	SANDOVAL: Valles Caldera National Preserve	17-Aug-07	20-Aug-07	JWB
VC03 5 rd. mi from Redondo gate, 9200' elev. and VC03 4.6 rd. mi from gate, 9015 ft.				
Rhizagrotis cloanthoides	OTERO: White Sands National Monument	19-May-09		EHM
Ufeus plicatus	Otero: White Sands National Monument	19-May-09		EHM
Orthosia nongenerica	LINCOLN: 5 mi W of Angus, Bonito Creek Rd	15-Aug-07		B/B
Nephelodes minians	SANDOVAL: Valles Caldera National Preserve	16-Aug-07	17-Aug-07	JWB
VC03 @ gate to Redondo Meadow, 7900' elev. and VC03 5 rd. mi from Redondo gate, 9200' elev.,				
Nephelodes minians	Sandoval: Valles Caldera National Preserve	14-Jul-09		MGP
0.7 mi SW Union House, 8320' elev.,				
Nephelodes minians	Sandoval: Valles Caldera National Preserve	18-Jul-09	19-Jul-09	MGP
w/ Alma Solis at Redondo Meadow, 1.6 mi SE of gate on VC02, 8120' elev., & 2 additional localities within the Preserve				
Anarta mutata	Otero: White Sands National Monument	29-Mar-09	19-May-09	EHM
reported from several localities within the Reserve				
Anarta trifolii	OTERO: White Sands National Monument	29-Mar-09	20-Jun-09	EHM
reported from several localities within the Reserve				
Scotogramma fervida	MCKINLEY: 2 mi SW of Manuelito, Navajo Indian Reservation	25-Jul-09	26-Jul-09	CEH
with Dave Wikle and Nate Gibson at uv trap along Indian Service Rd. #7140, 6224' elev., Navajo Nation Permit #515				
Scotogramma gatei	OTERO: White Sands National Monument	23-Apr-09		EHM
Scotogramma ptilodonta	OTERO: White Sands National Monument	29-Mar-09	23-Apr-09	EHM
reported from several localities within the Reserve				
Trichoclea decepta	OTERO: White Sands National Monument	26-Feb-09		EHM
Admetovis similis	OTERO: White Sands National Monument	19-May-09		EHM
Mamestra configurata	SANDOVAL: Valles Caldera National Preserve	26-Jun-09		JWB
collected with Jadranka Rota at 0.25 mi N of Union Building, 8526 ft.				
Mamestra configurata	Sandoval: Valles Caldera National Preserve	16-Jul-09		MGP
2.8 mi SE Jct. VC03 & VC02 on VC02, 8890' elev.,				
Polia detracta	SANDOVAL: Valles Caldera National Preserve	28-Jun-09		JWB
collected with Jadranka Rota at 0.25 mi N of Union Building, 8526 ft.				
Polia detracta	Sandoval: Valles Caldera National Preserve	14-Jul-09		MGP
0.7 mi SW Union House, 8320' elev.,				
Polia purpurissata	Sandoval: Valles Caldera National Preserve	14-Jul-09		MGP
0.7 mi SW Union House, 8320' elev.,				
Trichordestra dodii	SANDOVAL: Valles Caldera National Preserve	26-Jun-09		JWB
collected with Jadranka Rota at entrance Redondo Gate, 7974 ft. & 3 additional localities up to 9002 ft. elev.				
Trichordestra dodii	Sandoval: Valles Caldera National Preserve	13-Jul-09	15-Jul-09	MGP
0.2 mi NE Union House, 8600' elev. and 3 additional localities within the Preserve up to 9555 ft. elev.				
Trichordestra dodii	Sandoval: Valles Caldera National Preserve	18-Jul-09		MGP
w/ Alma Solis at Valle Grande, 1.2 mi N of main entrance, 8500' elev. and 5 additional localities within the Preserve				

Trichordestra legitima	SANDOVAL: Valles Caldera National Preserve	16-Aug-07		JWB
VC03 @ gate to Redondo Meadow, 7900' elev.,				
Trichordestra lilacina	SANDOVAL: Valles Caldera National Preserve	18-Jul-09		MGP
w/ Alma Solis at Valle Grande, 2.3 mi NW of main entrance				
Hadena variolata	SANDOVAL: Valles Caldera National Preserve	15-Jul-09		MGP
2.6 mi NE Union House, 9555 ft.				
Hadena variolata	Sandoval: Valles Caldera National Preserve	18-Jul-09		MGP
w/ Alma Solis at Valle Grande, 2.3 mi NW of main entrance				
Faronta diffusa	SANDOVAL: Valles Caldera National Preserve	17-Aug-07		JWB
VC03 5 rd. mi from Redondo gate, 9200' elev.,				
Faronta diffusa	Otero: White Sands National Monument	19-May-09		EHM
Faronta diffusa	Sandoval: Valles Caldera National Preserve	18-Jul-09		MGP
w/ Alma Solis at Valle Grande, 2.3 mi NW of main entrance & 1.8 mi NE of first gate to Sulphur Canyon, 8800' elev.				
Faronta terrapictalis	OTERO: White Sands National Monument	19-May-09		EHM
Faronta tetera	LINCOLN: Bonito Creek Rd, 5 mi W, Angus	26-Jun-09		B/B
Mythimna oxygala	SANDOVAL: Valles Caldera National Preserve	16-Aug-07	18-Aug-07	JWB
VC03 @ gate to Redondo Meadow, 7900' elev.,				
Mythimna oxygala	Sandoval: Valles Caldera National Preserve	13-Jul-09	15-Jul-09	MGP
0.2 mi NE Union House, 8600' elev. and six additional localities within the Preserve to 9555 ft. elev.				
Mythimna oxygala	Sandoval: Valles Caldera National Preserve	18-Jul-09	19-Jul-09	MGP
w/ Alma Solis at Valle Grande, 2.3 mi NW of main entrance and three additional localities to 8800' elev.,				
Leucania anteoclara	SANDOVAL: Valles Caldera National Preserve	26-Jun-09		JWB
collected with Jadranka Rota at entrance Redondo Gate, 7974 ft. & 3 additional localities up to 9002 ft. elev.				
Leucania anteoclara	Sandoval: Valles Caldera National Preserve	13-Jul-09		MGP
0.2 mi NE Union House, 8600' elev., & 6 additional localities within the Preserve up to 9555 ft. elev.				
Leucania anteoclara	Sandoval: Valles Caldera National Preserve	18-Jul-09	19-Jul-09	MGP
w/ Alma Solis at Valle Grande, 2.3 mi NW of main entrance & 3 additional localities up to 8566' elev.				
Leucania farcta	OTERO: White Sands National Monument	19-May-09		EHM
Leucania farcta	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
Rattlesnake Springs				
Leucania imperfecta	Otero: White Sands National Monument	19-May-09	14-Sep-09	EHM
reported from several localities within the Reserve				
Leucania imperfecta	EDDY: Carlsbad Caverns National Park,	09-Jun-09	26-Sep-09	EHM
entrance to Slaughter Canyon				
Leucania insueta	SANDOVAL: Valles Caldera National Preserve	26-Jun-09		JWB
collected with Jadranka Rota at entrance Redondo Gate, 7974 ft. & 3 additional localities up to 9002 ft. elev.				
Leucania insueta	Sandoval: Valles Caldera National Preserve	13-Jul-09		MGP
0.2 mi NE Union House, 8600' elev.,				
Leucania insueta	Sandoval: Valles Caldera National Preserve	18-Jul-09		MGP
w/ Alma Solis at Redondo Meadow, 1.3 mi SE of gate on VC02, 8566 ft.				
Leucania multilinea	EDDY: Guadalupe Rim Rd & Rt 137, W of Carlsbad	16-Aug-07		B/B
Leucania oaxacana	EDDY: Carlsbad Caverns National Park,	26-Sep-09		EHM
STATE RECORD; Rattlesnake Springs				
Leucania stolata	OTERO: White Sands National Monument	23-Apr-09	20-Jun-09	EHM
STATE RECORD; reported from several localities within the Reserve				
Lacinipolia illaudabilis	OTERO: White Sands National Monument	23-Apr-09	19-May-09	EHM
reported from several localities within the Reserve				
Lacinipolia incurva	OTERO: 5 mi S of High Rolls, on West Side Rd	13-Aug-07		B/B
Lacinipolia lepidula	TAOS: Carson NF, 1.5 south of Talpa, Hwy. #518	11-Sep-09	12-Sep-09	CEH
taken off roadside, uv trap, rabbitbrush/juniper/sage, 7152' elev.				
Lacinipolia leucogramma	TAOS: Carson NF, 1.5 south of Talpa, Hwy. #518	11-Sep-09	12-Sep-09	CEH
taken off roadside, uv trap, rabbitbrush/juniper/sage, 7152' elev.				
Lacinipolia marinitincta	EDDY: Guadalupe Rim Rd & Rt 137, W of Carlsbad	16-Aug-07		B/B
Lacinipolia olivacea	Sandoval: Valles Caldera National Preserve	16-Aug-07		JWB
VC03 @ gate to Redondo Meadow, 7900' elev.,				
Lacinipolia olivacea	Sandoval: Valles Caldera National Preserve	26-Jun-09		JWB
collected with Jadranka Rota at entrance Redondo Gate, 7974 ft. & 3 additional localities up to 9002 ft. elev.				
Lacinipolia olivacea	Sandoval: Valles Caldera National Preserve	13-Jul-09	19-Jul-09	MGP
0.2 mi NE Union House, 8600' elev. and nine additional localities within the Preserve to 9555 ft. elev.				
Lacinipolia olivacea	Taos: Carson NF, 1.5 south of Talpa, Hwy. #518	11-Sep-09	12-Sep-09	CEH
taken off roadside, uv trap, rabbitbrush/juniper/sage, 7152' elev.				
Lacinipolia pensilis	LINCOLN: 5 mi W of Angus, Bonito Creek Rd	15-Aug-07		B/B
Lacinipolia pensilis	SANDOVAL: Valles Caldera National Preserve	13-Jul-09		MGP
0.2 mi NE Union House, 8600' elev., to 2.6 mi NE Union House, 9555 ft.				
Lacinipolia pensilis	Sandoval: Valles Caldera National Preserve	19-Jul-09		MGP
w/ Alma Solis at 0.8 mi NE of first gate to Sulphur Canyon, 8450' elev.,				
Lacinipolia renigera	SANDOVAL: Valles Caldera National Preserve	16-Aug-07	18-Aug-07	JWB
VC03 @ gate to Redondo Meadow, 7900' elev.,				

Lacinipolia renigera	Sandoval: Valles Caldera National Preserve	13-Jul-09	15-Jul-09	MGP
0.2 mi NE Union House, 8600' elev., to 2.6 mi NE Union House, 9555 ft.				
Lacinipolia renigera	Sandoval: Valles Caldera National Preserve	18-Jul-09		MGP
w/ Alma Solis at Valle Grande, 1.2 mi N of main entrance, 8500' elev. and 3 additional localities within the Preserve				
Lacinipolia rodora	OTERO: White Sands National Monument	19-May-09		EHM
STATE RECORD				
Lacinipolia vicina	Otero: White Sands National Monument	23-Apr-09	19-May-09	EHM
Lacinipolia vittula	TAOS: E. of Taos, Carson NF, 1.5 mi. east of Hwy. 585,	10-Sep-09	11-Sep-09	CEH
taken off roadside, uv trap, pinyon/juniper/sage, 7513' elev.				
Lacinipolia vittula	Taos: Carson NF, 1.5 south of Talpa, Hwy. #518	11-Sep-09	12-Sep-09	CEH
taken off roadside, uv trap, rabbitbrush/juniper/sage, 7152' elev.				
Lacinipolia vittula	Taos: Carson NF, 1.7 south of Talpa, Hwy. #518	11-Sep-09	12-Sep-09	CEH
taken off roadside, uv trap, rabbitbrush/juniper/sage, 7211' elev.				
Homorthodes flosca	SANDOVAL: Valles Caldera National Preserve	13-Jul-09		JWB
0.2 mi NE Union House, 8600' elev.,				
Homorthodes gigantoides	SANDOVAL: Valles Caldera National Preserve	19-Jul-09		MGP
w/ Alma Solis at 1.8 mi NE of first gate to Sulphur Canyon, 8800' elev.,				
Homorthodes reliqua	SANDOVAL: Valles Caldera National Preserve	13-Jul-09	15-Jul-09	MGP
0.2 mi NE Union House, 8600' elev. and five additional localities within the Preserve at 9360' elev.,				
Homorthodes reliqua	Sandoval: Valles Caldera National Preserve	18-Jul-09	19-Jul-09	MGP
w/ Alma Solis at Redondo Meadow, 1.6 mi SE of gate on VC02, 8120' elev.,				
Protorthodes alfeni	Eddy: Carlsbad Caverns National Park,	26-Sep-09		EHM
entrance to Slaughter Canyon				
Protorthodes curtica	OTERO: 5 mi S of High Rolls, on West Side Rd	13-Aug-07		B/B
Protorthodes curtica	SANDOVAL: Valles Caldera National Preserve	16-Aug-07	18-Aug-07	JWB
VC03 @ gate to Redondo Meadow, 7900' elev.,				
Protorthodes curtica	SOCORRO: Apache Kid Wilderness, FR #225,	17-Aug-07		B/B
15 mi W of Rte #25,				
Protorthodes curtica	Lincoln: 5 mi W of Angus, Bonito Creek Rd	15-Aug-09		B/B
Protorthodes curtica	TAOS: Carson NF, 1.7 south of Talpa, Hwy. #518	11-Sep-09	12-Sep-09	CEH
taken off roadside, uv trap, rabbitbrush/juniper/sage, 7211' elev.				
Protorthodes texana	OTERO: White Sands National Monument	14-Sep-09		EHM
Ulolonche consopita	Grant: 19 Mi N. of Lordsburg,	11-Aug-07		B/B
Night Canyon Rd & Rt 90,				
Ulolonche marloffii	TAOS: Carson NF, 1.7 south of Talpa, Hwy. #518	11-Sep-09	12-Sep-09	CEH
taken off roadside, uv trap, rabbitbrush/juniper/sage, 7211' elev.				
Hyperepia jugifera	EDDY: Carlsbad Caverns National Park,	26-Sep-09		EHM
Rattlesnake Springs				
Pseudorthodes virgula	SANDOVAL: Valles Caldera National Preserve	13-Jul-09	15-Jul-09	MGP
0.2 mi NE Union House, 8600' elev. and 3 additional localities within the Preserve up to 9555 ft. elev.				
Pseudorthodes virgula	Sandoval: Valles Caldera National Preserve	18-Jul-09		MGP
w/ Alma Solis at Redondo Meadow, 1.6 mi SE of gate on VC02, 8120' elev.,				
Hexorthodes agrotiformis	SANDOVAL: Valles Caldera National Preserve	16-Aug-07		JWB
VC03 @ gate to Redondo Meadow, 7900' elev.,				
Hexorthodes inconspicua	EDDY: Carlsbad Caverns National Park,	09-Jun-09	26-Sep-09	EHM
STATE RECORD; Rattlesnake Springs				
Hexorthodes serrata	EDDY: Carlsbad Caverns National Park,	26-Sep-09		EHM
entrance to Slaughter Canyon				
Proteiniana trifascia	LINCOLN: Bonito Creek Rd, 5 mi W, Angus	26-Jun-09		B/B
Proteiniana trifascia	SANDOVAL: Valles Caldera National Preserve	26-Jun-09		JWB
collected with Jadranka Rota at entrance Redondo Gate, 7974 ft. & 3 additional localities up to 9002 ft. elev.				
Proteiniana trifascia	Sandoval: Valles Caldera National Preserve	13-Jul-09	15-Jul-09	MGP
0.7 mi SW Union House, 8320' elev. and 6 additional localities within the Preserve up to 9555 ft. elev.				
Proteiniana trifascia	Sandoval: Valles Caldera National Preserve	18-Jul-09	19-Jul-09	MGP
w/ Alma Solis at Redondo Meadow, 1.6 mi SE of gate on VC02, 8120' elev., & 2 additional localities within the Preserve				
Neleucania bicolorata	LINCOLN: Bonito Creek Rd, 5 mi W, Angus	26-Jun-09		B/B
Neleucania bicolorata	EDDY: Carlsbad Caverns National Park,	26-Sep-09		EHM
entrance to Slaughter Canyon				
Neleucania niveicosta	LINCOLN: Bonito Creek Rd, 5 mi W, Angus	26-Jun-09		B/B
Neleucania patricia	SANDOVAL: Valles Caldera National Preserve	26-Jun-09		JWB
collected with Jadranka Rota at 1.5 mi N of Union Building, 9002 ft.				
Neleucania patricia	Sandoval: Valles Caldera National Preserve	18-Jul-09	19-Jul-09	MGP
w/ Alma Solis at Valle Grande, 1.2 mi N of main entrance, 8500' elev. and 5 additional localities within the Preserve				
Trichorthosia diplogramma	OTERO: White Sands National Monument	14-Sep-09		EHM
STATE RECORD				
Trichorthosia parallela	EDDY: Guadalupe Rim Rd & Rt 137, W of Carlsbad	16-Aug-07		B/B
Trichorthosia parallela	SANDOVAL: Valles Caldera National Preserve	15-Jul-09		MGP
2.1 mi NE Union House, 9360' elev.,				

<i>Trichorthosia parallela</i> w/ Alma Solis at 0.8 mi NE of first gate to Sulphur Canyon, 8450' elev.,	Sandoval: Valles Caldera National Preserve	19-Jul-09		MGP
<i>Trichorthosia tristis</i> 0.4 mi NE Union House, 8610' elev., to 2.1 mi NE Union House, 9360' elev.,	SANDOVAL: Valles Caldera National Preserve	13-Jul-09	15-Jul-09	MGP
<i>Trichopolia dentatella</i> reported from several localities within the Reserve	OTERO: White Sands National Monument	23-Apr-09	14-Sep-09	EHM
<i>Trichofeltia circumdata</i> VC03 @ gate to Redondo Meadow, 7900' elev. and VC03 5 rd. mi from Redondo gate, 9200' elev.,	SANDOVAL: Valles Caldera National Preserve	16-Aug-07	17-Aug-07	JWB
<i>Mimobarathra antonito</i>	LINCOLN: 5 mi W of Angus, Bonito Creek Rd	15-Aug-07		B/B
<i>Tricholita chipeta</i>	GRANT: 5 mi N Pinos Altos, Rt 15	10-Aug-07		B/B
<i>Tricholita chipeta</i> taken off roadside, uv trap, pinyon/juniper/sage, 7513' elev.	TAOS: E. of Taos, Carson NF, 1.5 mi. east of Hwy. 585,	10-Sep-09	11-Sep-09	CEH
<i>Tricholita chipeta</i> Rattlesnake Springs	EDDY: Carlsbad Caverns National Park,	26-Sep-09		EHM
<i>Hydroeciodes juvenalis</i> VC03 @ gate to Redondo Meadow, 7900' elev. and VC03 5 rd. mi from Redondo gate, 9200' elev.,	SANDOVAL: Valles Caldera National Preserve	17-Aug-07	18-Aug-07	JWB
<i>Hydroeciodes serrata</i> VC03 @ gate to Redondo Meadow, 7900' elev.,	SANDOVAL: Valles Caldera National Preserve	16-Aug-07		JWB
<i>Peridroma saucia</i> with Dave Wikle and Nate Gibson at uv trap along Indian Service Rd. #7140, 6224' elev., Navajo Nation Permit #515	MCKINLEY: 2 mi SW of Manuelito, Navajo Indian Reservation	25-Jul-09	26-Jul-09	CEH
<i>Peridroma saucia</i> taken off roadside, uv trap, rabbitbrush/juniper/sage, 7211' elev.	TAOS: Carson NF, 1.7 south of Talpa, Hwy. #518	11-Sep-09	12-Sep-09	CEH
<i>Anicla biformata</i> entrance to Slaughter Canyon	EDDY: Carlsbad Caverns National Park,	09-Jun-09		EHM
<i>Anicla espoetia</i> 0.7 mi SW Union House, 8320' elev. and 0.2 mi NE Union House, 8600' elev.,	SANDOVAL: Valles Caldera National Preserve	13-Jul-09	14-Jul-09	MGP
<i>Anicla exuberans</i>	OTERO: White Sands National Monument	19-May-09		EHM
<i>Anicla mus</i> VC03 @ gate to Redondo Meadow, 7900' elev.,	SANDOVAL: Valles Caldera National Preserve	16-Aug-07		JWB
<i>Striacosta albicosta</i> reported from several localities within the Reserve	Otero: White Sands National Monument	15-Jul-09	25-Aug-09	EHM
<i>Dichagyris grotei</i> VC03 ca. 1.8 rd. mi from gate, 8140' elev.,	SANDOVAL: Valles Caldera National Preserve	19-Aug-07		JWB
<i>Richia chortalis</i> VC03 @ gate to Redondo Meadow, 7900' elev.,	SANDOVAL: Valles Caldera National Preserve	16-Aug-07		JWB
<i>Richia parentalis</i> taken off roadside, uv trap, pinyon/juniper/sage, 7513' elev.	TAOS: E. of Taos, Carson NF, 1.5 mi. east of Hwy. 585,	10-Sep-09	11-Sep-09	CEH
<i>Richia praefixa</i> taken off roadside, uv trap, pinyon/juniper/sage, 7513' elev.	TAOS: E. of Taos, Carson NF, 1.5 mi. east of Hwy. 585,	10-Sep-09	11-Sep-09	CEH
<i>Copablepharon serratigrande</i> with Dave Wikle and Nate Gibson at uv trap along Indian Service Rd. #7140, 6237' elev., Navajo Nation Permit #515	McKinley: 2.5 mi. SW of Manuelito, Navajo Indian Reservation	25-Jul-09	26-Jul-09	CEH
<i>Protygygia lagena</i>	Otero: White Sands National Monument	26-Feb-09		EHM
<i>Protygygia lagena</i> with Dave Wikle and Nate Gibson at uv trap along Indian Service Rd. #7140, 6224' elev., Navajo Nation Permit #515	MCKINLEY: 2 mi SW of Manuelito, Navajo Indian Reservation	25-Jul-09	26-Jul-09	CEH
<i>Protygygia postera</i> with Dave Wikle and Nate Gibson at uv trap along Indian Service Rd. #7140, 6237' elev., Navajo Nation Permit #515	McKinley: 2.5 mi. SW of Manuelito, Navajo Indian Reservation	25-Jul-09	26-Jul-09	CEH
<i>Protygygia whitesandsensis</i>	Otero: White Sands National Monument	26-Feb-09		EHM
<i>Euxoa aequalis</i> taken off roadside, uv trap, rabbitbrush/juniper/sage, 7152' elev.	TAOS: Carson NF, 1.5 south of Talpa, Hwy. #518	11-Sep-09	12-Sep-09	CEH
<i>Euxoa albipennis</i> VC03 @ gate to Redondo Meadow, 7900' elev., VC03 ca. 1.8 rd. mi from gate, 8140' elev.,	SANDOVAL: Valles Caldera National Preserve	18-Aug-07	19-Aug-07	JWB
<i>Euxoa albipennis</i> taken off roadside, uv trap, rabbitbrush/juniper/sage, 7211' elev.	TAOS: Carson NF, 1.7 south of Talpa, Hwy. #518	11-Sep-09	12-Sep-09	CEH
<i>Euxoa antica</i> 0.2 mi NE Union House, 8600' elev. and 2.6 mi SE Jct. VC03 & VC02 on VC02, 8925 ft.	SANDOVAL: Valles Caldera National Preserve	13-Jul-09	16-Jul-09	MGP
<i>Euxoa atristrigata</i> with Dave Wikle and Nate Gibson at uv trap along Indian Service Rd. #7140, 6237' elev., Navajo Nation Permit #515	MCKINLEY: 2.5 mi. SW of Manuelito, Navajo Indian Reservation	25-Jul-09	26-Jul-09	CEH
<i>Euxoa auripennis</i> taken off roadside, uv trap, pinyon/juniper/sage, 7513' elev.	TAOS: E. of Taos, Carson NF, 1.5 mi. east of Hwy. 585,	10-Sep-09	11-Sep-09	CEH
<i>Euxoa auxiliaris</i> VC03 5 rd. mi from Redondo gate, 9200' elev.,	Sandoval: Valles Caldera National Preserve	17-Aug-07		JWB
<i>Euxoa auxiliaris</i> reported from several localities within the Reserve	Otero: White Sands National Monument	29-Mar-09	19-May-09	EHM
<i>Euxoa auxiliaris</i> 0.2 mi NE Union House, 8600' elev., to 2.6 mi NE Union House, 9555 ft.	Sandoval: Valles Caldera National Preserve	13-Jul-09		MGP
<i>Euxoa auxiliaris</i> taken off roadside, uv trap, riparian, pinyon/juniper/sage, 7362' elev.	Taos: E. of Taos, Carson NF, 0.7 mi. east of Hwy. 585,	09-Sep-09	10-Sep-09	CEH
<i>Euxoa auxiliaris</i> taken off roadside, uv trap, rabbitbrush/juniper/sage, 7152' elev.	Taos: Carson NF, 1.5 south of Talpa, Hwy. #518	11-Sep-09	12-Sep-09	CEH

<i>Euxoa basalis</i>	SANDOVAL: Valles Caldera National Preserve VC03 5 rd. mi from Redondo gate, 9200' elev.,	17-Aug-07		JWB
<i>Euxoa bochus</i>	SANDOVAL: Valles Caldera National Preserve VC03 5 rd. mi from Redondo gate, 9200' elev. and VC03 4.6 rd. mi from gate, 9015 ft.	17-Aug-07	20-Aug-07	JWB
<i>Euxoa castanea</i>	SANDOVAL: Valles Caldera National Preserve 0.2 mi NE Union House, 8600' elev., to 2.1 mi NE Union House, 9360' elev.,	13-Jul-09		MGP
<i>Euxoa catenula</i>	TAOS: Carson NF, 1.5 south of Talpa, Hwy. #518 taken off roadside, uv trap, rabbitbrush/juniper/sage, 7152' elev.	11-Sep-09	12-Sep-09	CEH
<i>Euxoa comosa</i>	SANDOVAL: Valles Caldera National Preserve VC03 @ gate to Redondo Meadow, 7900' elev.,	16-Aug-07		JWB
<i>Euxoa divergens</i>	SANDOVAL: Valles Caldera National Preserve collected with Jadranka Rota at 1.5 mi N of Union Building, 9002 ft.	26-Jun-09		JWB
<i>Euxoa divergens</i>	Sandoval: Valles Caldera National Preserve 1.5 mi NE Union House, 9066 ft. to 2.6 mi NE Union House, 9555 ft	13-Jul-09	15-Jul-09	MGP
<i>Euxoa divergens</i>	Sandoval: Valles Caldera National Preserve w/ Alma Solis at Redondo Meadow, 1.3 mi SE of gate on VC02, 8566 ft.	18-Jul-09		MGP
<i>Euxoa flavidens</i>	Sandoval: Valles Caldera National Preserve VC03 @ gate to Redondo Meadow, 7900' elev. and VC03 5 rd. mi from Redondo gate, 9200' elev.,	17-Aug-07	18-Aug-07	JWB
<i>Euxoa flavidens</i>	SANDOVAL: Valles Caldera National Preserve collected with Jadranka Rota at 0.25 mi N of Union Building, 8526 ft.	27-Jun-09		JWB
<i>Euxoa flavidens</i>	Sandoval: Valles Caldera National Preserve 0.4 mi NE Union House, 8610' elev. and six additional localities within the Preserve to 9555 ft. elev.	13-Jul-09	16-Jul-09	MGP
<i>Euxoa flavidens</i>	Sandoval: Valles Caldera National Preserve w/ Alma Solis at Valle Grande, 2.3 mi NW of main entrance & 0.8 mi NE of first gate to Sulphur Canyon, 8450' elev.,	18-Jul-09	19-Jul-09	MGP
<i>Euxoa lillooet</i>	SANDOVAL: Valles Caldera National Preserve 2.6 mi SE Jct. VC03 & VC02 on VC02, 8925 ft. and 1.5 mi NE Union House, 9066 ft.	13-Jul-09	16-Jul-09	MGP
<i>Euxoa maimes</i>	SANDOVAL: Valles Caldera National Preserve VC03 @ gate to Redondo Meadow, 7900' elev.,	16-Aug-07		JWB
<i>Euxoa misturata</i>	TAOS: Carson NF, 1.5 south of Talpa, Hwy. #518 taken off roadside, uv trap, rabbitbrush/juniper/sage, 7152' elev.	11-Sep-09	12-Sep-09	CEH
<i>Euxoa oblongistigma</i>	Taos: Carson NF, 1.5 south of Talpa, Hwy. #518 taken off roadside, uv trap, rabbitbrush/juniper/sage, 7152' elev.	11-Sep-09	12-Sep-09	CEH
<i>Euxoa ochrogaster</i>	TAOS: E. of Taos, Carson NF, 1.5 mi. east of Hwy. 585, taken off roadside, uv trap, pinyon/juniper/sage, 7513' elev.	10-Sep-09	11-Sep-09	CEH
<i>Euxoa pleuritica</i>	SANDOVAL: Valles Caldera National Preserve 2.6 mi SE Jct. VC03 & VC02 on VC02, 8925 ft.	16-Jul-09		MGP
<i>Euxoa pleuritica</i>	TAOS: Carson NF, 1.5 south of Talpa, Hwy. #518 taken off roadside, uv trap, rabbitbrush/juniper/sage, 7152' elev.	11-Sep-09	12-Sep-09	CEH
<i>Euxoa quadridentata</i>	TAOS: Carson NF, 1.7 south of Talpa, Hwy. #518 taken off roadside, uv trap, rabbitbrush/juniper/sage, 7211' elev.	11-Sep-09	12-Sep-09	CEH
<i>Euxoa rockburnei</i>	LINCOLN: 5 mi W of Angus, Bonito Creek Rd	15-Aug-07		B/B
<i>Euxoa satiens</i>	TAOS: Carson NF, 1.5 south of Talpa, Hwy. #518 taken off roadside, uv trap, rabbitbrush/juniper/sage, 7152' elev.	11-Sep-09	12-Sep-09	CEH
<i>Euxoa servita</i>	SANDOVAL: Valles Caldera National Preserve VC03 @ gate to Redondo Meadow, 7900' elev.,	16-Aug-07	18-Aug-07	JWB
<i>Euxoa servita</i>	Sandoval: Valles Caldera National Preserve 0.2 mi NE Union House, 8600' elev., to 2.6 mi NE Union House, 9555 ft.	13-Jul-09	16-Jul-09	MGP
<i>Euxoa terrealis</i>	SANDOVAL: Valles Caldera National Preserve 2.6 mi SE Jct. VC03 & VC02 on VC02, 8925 ft. and 3 additional localities within the Preserve to 9555 ft. elev.	13-Jul-09	16-Jul-09	MGP
<i>Feltia jaculifera</i>	SANDOVAL: Valles Caldera National Preserve VC03 @ gate to Redondo Meadow, 7900' elev.,	16-Aug-07	18-Aug-07	JWB
<i>Feltia jaculifera</i>	Sandoval: Valles Caldera National Preserve 2.8 mi SE Jct. VC03 & VC02 on VC02, 8890' elev.,	16-Jul-09		MGP
<i>Feltia jaculifera</i>	Sandoval: Valles Caldera National Preserve w/ Alma Solis at Valle Grande, 1.2 mi N of main entrance, 8500' elev. and 3 additional localities within the Preserve	18-Jul-09		MGP
<i>Feltia jaculifera</i>	Taos: Carson NF, 1.7 south of Talpa, Hwy. #518 taken off roadside, uv trap, rabbitbrush/juniper/sage, 7211' elev.	11-Sep-09	12-Sep-09	CEH
<i>Feltia subterranea</i>	OTERO: White Sands National Monument	19-May-09		EHM
<i>Agrotis orthogonia</i>	TAOS: Carson NF, 1.7 south of Talpa, Hwy. #518 taken off roadside, uv trap, rabbitbrush/juniper/sage, 7211' elev.	11-Sep-09	12-Sep-09	CEH
<i>Agrotis vancouverensis</i>	SANDOVAL: Valles Caldera National Preserve collected with Jadranka Rota at entrance Redondo Gate, 7974 ft. and vicinity of Union Building, 8510' elev.,	26-Jun-09		JWB
<i>Agrotis vancouverensis</i>	Sandoval: Valles Caldera National Preserve 0.2 mi NE Union House, 8600' elev. and seven additional localities within the Preserve to 9555 ft. elev.	13-Jul-09	19-Jul-09	MGP
<i>Agrotis vancouverensis</i>	Sandoval: Valles Caldera National Preserve w/ Alma Solis at Redondo Meadow, 1.6 mi SE of gate on VC02, 8120' elev., & 2 additional localities within the Preserve	18-Jul-09	19-Jul-09	MGP
<i>Ochropleura implecta</i>	SANDOVAL: Valles Caldera National Preserve collected with Jadranka Rota at entrance Redondo Gate, 7974 ft. to 1.5 mi N of Union Building, 9002 ft.	26-Jun-09	28-Jun-09	JWB

Diarsia rosaria	SANDOVAL: Valles Caldera National Preserve	28-Jun-09	JWB
collected with Jadranka Rota at 0.25 mi N of Union Building, 8526 ft.			
Diarsia rosaria	Sandoval: Valles Caldera National Preserve	13-Jul-09	MGP
0.4 mi NE Union House, 8610' elev.,			
Paradiarsia littoralis	SANDOVAL: Valles Caldera National Preserve	26-Jun-09	28-Jun-09 JWB
collected with Jadranka Rota at entrance Redondo Gate, 7974 ft. and 3 additional localities to 9002 ft. elev.			
Paradiarsia littoralis	Sandoval: Valles Caldera National Preserve	13-Jul-09	15-Jul-09 MGP
0.4 mi NE Union House, 8610' elev., to 2.6 mi NE Union House, 9555 ft			
Paradiarsia littoralis	Sandoval: Valles Caldera National Preserve	19-Jul-09	MGP
w/ Alma Solis at 0.8 mi NE of first gate to Sulphur Canyon, 8450' elev.,			
Noctua pronuba	OTERO: White Sands National Monument	25-Aug-09	EHM
Noctua pronuba	TAOS: E. of Taos, Carson NF, 1.2 mi. east of Hwy. 585,	10-Sep-09	11-Sep-09 CEH
taken off roadside, uv trap, pinyon/juniper/sage, 7448' elev.			
Spaelotis bicava	SANDOVAL: Valles Caldera National Preserve	13-Jul-09	16-Jul-09 MGP
0.7 mi SW Union House, 8320' elev. and 3 additional localities within the Preserve to 9555 ft. elev.			
Eurois astricta	LINCOLN: 5 mi W of Angus, Bonito Creek Rd	15-Aug-07	B/B
Eurois nigra	SANDOVAL: Valles Caldera National Preserve	17-Aug-07	JWB
VC03 5 rd. mi from Redondo gate, 9200' elev.,			
Eurois nigra	Sandoval: Valles Caldera National Preserve	13-Jul-09	16-Jul-09 MGP
0.4 mi NE Union House, 8610' elev. and seven additional localities within the Preserve to 9555 ft. elev.			
Eurois occulta	SANDOVAL: Valles Caldera National Preserve	16-Aug-07	17-Aug-07 JWB
VC03 @ gate to Redondo Meadow, 7900' elev. and VC03 5 rd. mi from Redondo gate, 9200' elev.,			
Eurois occulta	Sandoval: Valles Caldera National Preserve	19-Jul-09	MGP
w/ Alma Solis at 0.8 mi NE of first gate to Sulphur Canyon, 8450' elev.,			
Graphiphora augur	SANDOVAL: Valles Caldera National Preserve	13-Jul-09	16-Jul-09 MGP
2.6 mi SE Jct. VC03 & VC02 on VC02, 8925 ft. and 2 additional localities within the Preserve to 9555 ft. elev.			
Anaplectoides prasina	SANDOVAL: Valles Caldera National Preserve	26-Jun-09	JWB
collected with Jadranka Rota at 0.25 mi N of Union Building, 8526 ft.			
Anaplectoides prasina	Sandoval: Valles Caldera National Preserve	13-Jul-09	15-Jul-09 MGP
0.2 mi NE Union House, 8600' elev. and 4 additional localities within the Preserve to 9555 ft. elev.			
Anaplectoides pressus	SANDOVAL: Valles Caldera National Preserve	13-Jul-09	15-Jul-09 MGP
0.4 mi NE Union House, 8610' elev., to 2.6 mi NE Union House, 9555 ft.			
Xestia bolteri	SANDOVAL: Valles Caldera National Preserve	26-Jun-09	27-Jun-09 JWB
collected with Jadranka Rota at entrance Redondo Gate, 7974 ft. and 3 additional localities to 9002 ft. elev.			
Xestia bolteri	Sandoval: Valles Caldera National Preserve	13-Jul-09	15-Jul-09 MGP
0.7 mi SW Union House, 8320' elev., to 2.6 mi NE Union House, 9555 ft.			
Xestia bolteri	Sandoval: Valles Caldera National Preserve	18-Jul-09	MGP
w/ Alma Solis at N1285Valle Grande, 1.2 mi N of main entrance, 8500' elev.,			
Xestia conchis	LINCOLN: 5 mi W of Angus, Bonito Creek Rd	15-Aug-07	B/B
Xestia conchis	SANDOVAL: Valles Caldera National Preserve	16-Aug-07	17-Aug-07 JWB
VC03 @ gate to Redondo Meadow, 7900' elev. and VC03 5 rd. mi from Redondo gate, 9200' elev.,			
Xestia conchis	Sandoval: Valles Caldera National Preserve	13-Jul-09	16-Jul-09 MGP
0.7 mi SW Union House, 8320' elev., to 2.6 mi NE Union House, 9555 ft.			
Xestia conchis	TAOS: E. of Taos, Carson NF, 1.5 mi. east of Hwy. 585,	10-Sep-09	11-Sep-09 CEH
taken off roadside, uv trap, pinyon/juniper/sage, 7513' elev.			
Xestia mustelina	TAOS: E. of Taos, Carson NF, 1.5 mi. east of Hwy. 585,	10-Sep-09	11-Sep-09 CEH
taken off roadside, uv trap, pinyon/juniper/sage, 7513' elev.			
Xestia mustelina	Taos: Carson NF, 1.7 south of Talpa, Hwy. #518	11-Sep-09	12-Sep-09 CEH
taken off roadside, uv trap, rabbitbrush/juniper/sage, 7211' elev.			
Xestia smithii	SANDOVAL: Valles Caldera National Preserve	16-Aug-07	17-Aug-07 JWB
VC03 @ gate to Redondo Meadow, 7900' elev. and VC03 5 rd. mi from Redondo gate, 9200' elev.,			
Xestia vernalis	SANDOVAL: Valles Caldera National Preserve	16-Aug-07	17-Aug-07 JWB
VC03 @ gate to Redondo Meadow, 7900' elev. and VC03 5 rd. mi from Redondo gate, 9200' elev.,			
Agnorisma bugrai	SANDOVAL: Valles Caldera National Preserve	16-Aug-07	18-Aug-07 JWB
STATE RECORD; VC03 @ gate to Redondo Meadow, 7900' elev.,			
Setagrotis radiola	TAOS: Carson NF, 1.7 south of Talpa, Hwy. #518	11-Sep-09	12-Sep-09 CEH
taken off roadside, uv trap, rabbitbrush/juniper/sage, 7211' elev.			
Setagrotis vocalis	SANDOVAL: Valles Caldera National Preserve	13-Jul-09	16-Jul-09 MGP
0.7 mi SW Union House, 8320' elev., to 2.6 mi NE Union House, 9555 ft.			
Tesagrotis piscipellis	SANDOVAL: Valles Caldera National Preserve	13-Jul-09	MGP
1.5 mi NE Union House, 9066 ft.			
Tesagrotis piscipellis	Sandoval: Valles Caldera National Preserve	18-Jul-09	MGP
w/ Alma Solis at N924Valle Grande, 1.2 mi N of main entrance, 8500' elev.,			
Protolampra rufipectus	SANDOVAL: Valles Caldera National Preserve	16-Aug-07	19-Aug-07 JWB
VC03 @ gate to Redondo Meadow, 7900' elev., to VC03 5 rd. mi from Redondo gate, 9200' elev.,			
Protolampra rufipectus	Sandoval: Valles Caldera National Preserve	15-Jul-09	MGP
2.1 mi NE Union House, 9360' elev.,			
Protolampra rufipectus	Sandoval: Valles Caldera National Preserve	19-Jul-09	MGP
w/ Alma Solis at 0.8 mi NE of first gate to Sulphur Canyon, 8450' elev.,			

Protolampra rufipectus	TAOS: Carson NF, 1.7 south of Talpa, Hwy. #518 taken off roadside, uv trap, rabbitbrush/juniper/sage, 7211' elev.	11-Sep-09	12-Sep-09	CEH
Abagrotis alampeta	SANDOVAL: Valles Caldera National Preserve 0.4 mi NE Union House, 8610' elev., to 2.1 mi NE Union House, 9360' elev.,	13-Jul-09	16-Jul-09	MGP
Abagrotis bimarginalis	OTERO: 5 mi S of High Rolls, on West Side Rd	13-Aug-07		B/B
Abagrotis discoidalis	SANDOVAL: Valles Caldera National Preserve 2.8 mi SE Jct. VC03 & VC02 on VC02, 8890' elev.,	16-Jul-09		MGP
Abagrotis duanca	SANDOVAL: Valles Caldera National Preserve 2.8 mi SE Jct. VC03 & VC02 on VC02, 8890' elev.,	16-Jul-09		MGP
Abagrotis mirabilis	SANDOVAL: Valles Caldera National Preserve VC03 @ gate to Redondo Meadow, 7900' elev.,	16-Aug-07		JWB
Abagrotis orbis	OTERO: White Sands National Monument	23-Apr-09		EHM
Abagrotis trigona	SANDOVAL: Valles Caldera National Preserve 2.8 mi N from gate, VC03, 8740' elev.,	17-Aug-07		JWB
Abagrotis trigona	Sandoval: Valles Caldera National Preserve 2.1 mi NE Union House, 9360' elev.,	15-Jul-09		MGP
Abagrotis vittifrons	McKinley: 2.5 mi. SW of Manuelito, Navajo Indian Reservation with Dave Wikle and Nate Gibson at uv trap along Indian Service Rd. #7140, 6237' elev., Navajo Nation Permit #515	25-Jul-09	26-Jul-09	CEH
Abagrotis vittifrons	TAOS: E. of Taos, Carson NF, 1.5 mi. east of Hwy. 585, taken off roadside, uv trap, pinyon/juniper/sage, 7513' elev.	10-Sep-09	11-Sep-09	CEH

UTAH

Records for 2009 came from three contributors, adding 4 county records for butterflies and 7 county records for moths. Efforts were reported from the eastern and southern parts of the state.

Butterflies

HESPERIIDAE

Erynnis meridianus	Washington: Leeds Creek,	08-Jul-09		KR
Copaeodes aurantiaca	WAYNE: Fruita,	26-Jul-09		KR
Hylephila phyleus	WAYNE: Fruita,	26-Jul-09		KR
Ochlodes yuma	WAYNE: Hwy. #24, 12 mi. SW of Cainesville,	26-Jul-09		KR

PIERIDAE

Colias alexandra	Washington: Leeds Creek,	08-Jul-09		KR
Zerene cesonia	Washington: Leeds Creek,	08-Jul-09		KR
Zerene cesonia	Kane: Navajo Lake,	09-Jul-09		KR
Zerene cesonia	UTAH: Blackhawk CG,	20-Jul-09		KR

Moths

COSSIDAE

Comadia bertholdi	Grand: Hwy. 191, n. end Moab sandsage, bigsage assoc., taken at mv/uv lights, 4012' elev. 11pm	23-Jul-09		CEH
Comadia subterminata	Grand: Thompson Springs, taken at my lights, 5121' elev., 10:30pm	23-Jul-09		CEH

LASIOCAMPIDAE

Gloveria arizonensis	Grand: Hwy. 191, n. end Moab sandsage, bigsage assoc., abundant at mv/uv lights, 4012' elev. 11pm	23-Jul-09		CEH
Gloveria arizonensis	San Juan: downtown Blanding, Hwy 191 at N. Grayson Pkwy taken at store lights, 6106' elev., 3am	24-Jul-09		CEH

SPHINGIDAE

Sphinx chersis	Grand: Thompson Springs Rest Area, taken at my lights, 5075' elev., 10:30pm	23-Jul-09		CEH
Sphinx chersis	San Juan: Monticello, Hwy. 191-Hwy. 491 jct., sagebrush, oak assoc., store lights, 7090' elev.	24-Jul-09		CEH
Sphinx dollii	San Juan: Monticello, Hwy. 191-Hwy. 491 jct., sagebrush, oak assoc., store lights, 7090' elev.	24-Jul-09		CEH
Pachysphinx occidentalis	San Juan: downtown Blanding, Hwy 191 at N. Grayson Pkwy taken at store lights, 6106' elev., 3am	24-Jul-09		CEH

NOTODONTIDAE

Furcula nivea	San Juan: Bluff, Post Office Hwy. 191, sandsage, bigsage assoc., uv lights, 4357' elev.	24-Jul-09		CEH
Macrurocampa dorothea	SAN JUAN: Monticello, Hwy. 191-Hwy. 491 jct., sagebrush, oak assoc., store lights, 7090' elev.	24-Jul-09		CEH
Oligocentria perangulata	SAN JUAN: Monticello, Hwy. 191-Hwy. 491 jct., sagebrush, oak assoc., store lights, 7090' elev.	24-Jul-09		CEH

ARCTIIDAE

Grammia incorrupta	San Juan: Monticello, Hwy. 191-Hwy. 491 jct., sagebrush, oak assoc., store lights, 7090' elev.	24-Jul-09		CEH
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NOCTUIDAE

<i>Drasteria inepta</i> sandsage, bigsage assoc., uv lights, 5531' elev.	San Juan: Hwy. 191, Hole in the Wall rest area, S. of Moab	24-Jul-09	CEH
<i>Drasteria perplexa</i> taken at store lights, 5282' elev., 3:30am	San Juan: White Mesa, Hwy #191	24-Jul-09	CEH
<i>Catocala hermia</i> sagebrush, oak assoc., store lights, 7090' elev.	San Juan: Monticello, Hwy. 191-Hwy. 491 jct.,	24-Jul-09	CEH
<i>Acontia areli</i> sagebrush, oak assoc., store lights, 7090' elev.	SAN JUAN: Monticello, Hwy. 191-Hwy. 491 jct.,	24-Jul-09	CEH
<i>Acontia cretata</i> sandsage, bigsage assoc., uv lights, 5531' elev.	SAN JUAN: Hwy. 191, Hole in the Wall rest area, S. of Moab	24-Jul-09	CEH
<i>Panthea gigantea</i> sagebrush, oak assoc., store lights, 7090' elev.	SAN JUAN: Monticello, Hwy. 191-Hwy. 491 jct.,	24-Jul-09	CEH
<i>Cucullia eulepis</i> sagebrush, oak assoc., store lights, 7090' elev.	San Juan: Monticello, Hwy. 191-Hwy. 491 jct.,	24-Jul-09	CEH
<i>Cucullia similaris</i> sagebrush, oak assoc., store lights, 7090' elev.	San Juan: Monticello, Hwy. 191-Hwy. 491 jct.,	24-Jul-09	CEH
<i>Sympistis tetrops</i> taken at my lights, 5121' elev., 10:30pm	Grand: Thompson Springs,	23-Jul-09	CEH
<i>Sympistis utahensis</i> sandsage, bigsage assoc., uv lights, 5531' elev.	San Juan: Hwy. 191, Hole in the Wall rest area, S. of Moab	24-Jul-09	CEH
<i>Stylopoda groteana</i> sandsage, bigsage assoc., uv lights, 4357'elev.	SAN JUAN: Bluff, Post Office Hwy. 191,	24-Jul-09	CEH
<i>Schinia ciliata</i>	EMERY: 20.5 mi. sw of Green River, San Rafael Desert	13-Aug-09	O/B
<i>Schinia reniformis</i>	EMERY: 20.5 mi. sw of Green River, San Rafael Desert	13-Aug-09	O/B
<i>Schinia tertia</i>	EMERY: 20.5 mi. sw of Green River, San Rafael Desert	13-Aug-09	O/B
<i>Schinia unimacula</i>	EMERY: 20.5 mi. sw of Green River, San Rafael Desert	13-Aug-09	O/B
<i>Apamea longula</i> sagebrush, oak assoc., store lights, 7090' elev.	San Juan: Monticello, Hwy. 191-Hwy. 491 jct.,	24-Jul-09	CEH
<i>Apamea occidens</i> sagebrush, oak assoc., store lights, 7090' elev.	SAN JUAN: Monticello, Hwy. 191-Hwy. 491 jct.,	24-Jul-09	CEH
<i>Anicla espoetia</i> sandsage, bigsage assoc., uv lights, 4357'elev.	SAN JUAN: Bluff, Post Office Hwy. 191,	24-Jul-09	CEH
<i>Copablepharon canariana</i> sagebrush, oak assoc., store lights, 7090' elev.	San Juan: Monticello, Hwy. 191-Hwy. 491 jct.,	24-Jul-09	CEH
<i>Copablepharon grandis</i> sandsage, bigsage assoc., taken at mv/uv lights, 4012' elev. 11pm	Grand: Hwy. 191, n. end Moab	23-Jul-09	CEH
<i>Copablepharon serratigrande</i> sandsage, bigsage assoc., taken at mv/uv lights, 4012' elev. 11pm	Grand: Hwy. 191, n. end Moab	23-Jul-09	CEH
<i>Copablepharon serratigrande</i> sandsage, bigsage assoc., uv lights, 4357'elev.	San Juan: Bluff, Post Office Hwy. 191,	24-Jul-09	CEH
<i>Plagiomimicus kathyae</i> North range extention, San Rafael Desert, off I-70, 4144' elev., 10-11:30pm	EMERY: e. end of Green River, taken @ mv lights/motel	03-Sep-08	H-H
<i>Euxoa olivalis</i> sagebrush, oak assoc., store lights, 7090' elev.	SAN JUAN: Monticello, Hwy. 191-Hwy. 491 jct.,	24-Jul-09	CEH
<i>Euxoa punctigera</i> sagebrush, oak assoc., store lights, 7090' elev.	SAN JUAN: Monticello, Hwy. 191-Hwy. 491 jct.,	24-Jul-09	CEH
<i>Spaelotis bicava</i> sandsage, bigsage assoc., taken at mv/uv lights, 4012' elev. 11pm	GRAND: Hwy. 191, n. end Moab	23-Jul-09	CEH
<i>Setagrotis vocalis</i> sagebrush, oak assoc., store lights, 7090' elev.	SAN JUAN: Monticello, Hwy. 191-Hwy. 491 jct.,	24-Jul-09	CEH

WYOMING

Six contributors and an additional observer added butterfly and moth records for the season. Two state records for butterflies were reported including those of *Oeneis alberta* and for *Hesperopsis alpheus*. Karolis Bagdonis' submissions are recorded posthumously from Paul Opler and the C.P. Gillette Museum of Arthropod Biodiversity at CSU, Ft. Collins, where the substantial collection is now housed.

Butterflies**HESPERIIDAE**

<i>Hesperopsis alpheus</i> STATE RECORD; 4100' elev.,	PARK: draw E. Hwy. 72, 11 mi. S. of Belfry,	10-Jun-09	SJK
<i>Pyrgus ruralis</i> noted as uncommon	JOHNSON: Bighorn Mtns., summit at Powder Horn Pass,	11-Jul-09	ADW

PAPILIONIDAE

<i>Parnassius smintheus</i> Voucher noted by Paul Opler in specimens added to the Gillette Collection (CSU, Ft. Collins, CO)	HOT SPRINGS: Absaroka Range, near Fremont Co. line,	24-Jul-87	KCB
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PIERIDAE

<i>Pontia occidentalis</i> Voucher noted by Paul Opler in specimens added to the Gillette Collection (CSU, Ft. Collins, CO)	Hot Springs: Absaroka Range, near Fremont Co. line,	24-Jul-87	KCB
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Colias meadii	HOT SPRINGS: Absaroka Range, near Fremont Co. line, Voucher noted by Paul Opler in specimens added to the Gillette Collection (CSU, Ft. Collins, CO)	24-Jul-87	KCB
LYCAENIDAE			
Lycaena dorcas florus	WASHAKIE: Ten Sleep, Hwy. #16 Voucher noted by Paul Opler in specimens added to the Gillette Collection (CSU, Ft. Collins, CO)	26-Jul-92	KCB
Celastrina lucia	HOT SPRINGS: Absaroka Range, near Fremont Co. line, Voucher noted by Paul Opler in specimens added to the Gillette Collection (CSU, Ft. Collins, CO)	24-Jul-87	KCB
Euphilotes rita	PARK: draw E. Hwy. 72, 11 mi. S. of Belfry, 4100' elev.,	10-Jun-09	SJK
Plebejus glandon rustica	HOT SPRINGS: Absaroka Range, near Fremont Co. line, Voucher noted by Paul Opler in specimens added to the Gillette Collection (CSU, Ft. Collins, CO)	24-Jul-87	KCB
Plebejus shasta	Hot Springs: Absaroka Range, near Fremont Co. line, Voucher noted by Paul Opler in specimens added to the Gillette Collection (CSU, Ft. Collins, CO)	24-Jul-87	KCB
NYMPHALIDAE			
Erebia callias	HOT SPRINGS: Absaroka Range, near Fremont Co. line, Voucher noted by Paul Opler in specimens added to the Gillette Collection (CSU, Ft. Collins, CO)	24-Jul-87	KCB
Erebia epipsodea	Washakie: Ten Sleep, Hwy. #16 Voucher noted by Paul Opler in specimens added to the Gillette Collection (CSU, Ft. Collins, CO)	26-Jul-92	KCB
Erebia pawloskii	HOT SPRINGS: Absaroka Range, near Fremont Co. line, Voucher noted by Paul Opler in specimens added to the Gillette Collection (CSU, Ft. Collins, CO)	24-Jul-87	KCB
Oeneis alberta	FREMONT: East Fork Guard Station, East Fork Road, STATE RECORD; East Fork Wind River,	29-Jun-09	O/B
Speyeria edwardsii	Washakie: Ten Sleep, Hwy. #16 Voucher noted by Paul Opler in specimens added to the Gillette Collection (CSU, Ft. Collins, CO)	26-Jul-92	KCB
Aglais milberti	JOHNSON: Powder River Pass @ 9666' elev., Voucher noted by Paul Opler in specimens added to the Gillette Collection (CSU, Ft. Collins, CO)	26-Jul-92	KCB
Euphydryas gillettii	Teton : Teton Mtns., Voucher noted by Paul Opler in specimens added to the Gillette Collection (CSU, Ft. Collins, CO)	25-Jun-31	O/B

Moths

NOCTUIDAE

Cucullia strigata	TETON : Jackson, along Hwy 26 taken by Justin Willis at store lights, sagebrush, pine assoc., 6204' elev.	16-May-09	CEH
Schinia illustra	SWEETWATER: 10.2 mi SW of Rock Springs,	15-Jul-80	MGP
Schinia illustra	FREMONT: Mackenzie Highland Ranch, 18 mi w. of Dubois,	18-Jul-07	KCB
Xylena brucei	TETON : Jackson, along Hwy 26 taken by Justin Willis at store lights, sagebrush, pine assoc., 6204' elev.	16-May-09	CEH
Orthosia revicta	TETON : Jackson, along Hwy 26 taken by Justin Willis at store lights, sagebrush, pine assoc., 6204' elev.	16-May-09	CEH
Egira crucialis	TETON : Jackson, along Hwy 26 taken by Justin Willis at store lights, sagebrush, pine assoc., 6204' elev.	16-May-09	CEH
Anarta crotchii	TETON : Jackson, along Hwy 26 taken by Justin Willis at store lights, sagebrush, pine assoc., 6204' elev.	16-May-09	CEH
Noctua pronuba	TETON : Jackson, along Hwy 26 taken by Justin Willis at store lights, sagebrush, pine assoc., 6204' elev.	16-May-09	CEH

Zone 5 Great Plains

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

Coordinator: Ronald Alan Royer

Contributors Cited:

CJA : Carol J. Adams	A/A : James & Eleanor Adams	GGA : Gary G. Anweiler
WDA : W. David Arbour	JWA : Jim W. Arterburn	NED : Neil E. Dankert
KD : Ken Davenport	MJD : Mark J. Dreiling	GMF : Gerald Fauske
F-N : John Fisher & John Nelson	JFF : John F. Fisher	CCG : Chris C. Grinter
CEH : Charles E. Harp	BAH : Berlin A. Heck	JH2 : Jim C. Herndon
MAJ : M. Alan Jenkins	RJJ : Randy J. Jones	KLS : Kansas Lepidoptera Survey
CSL : Charles Schurch Lewallen	JMN : John M. Nelson	PAO : Paul A. Opler
JAP : Jerry A. Powell	BER : Bryan E. Reynolds	PWR : Paul W. Ribitzki
DR3 : Dave Rogers	RAR : Ronald Alan Royer	KFS : Kent F. Schaefer
SKS : Sandra K. Schwin	BJS : Bill & Janet Smith	SMS : Steven M. Spomer
VDB : Cynthia & Matthew Van Den Broeke	SV1 : Shelly Ventsch	MLW : Marva L. Weigelt
KCW : Ken C. Williams		

SASKATCHEWAN

Chuck Harp independently submitted the following Gary Anweiler records.

Moths

SESIIDAE

Carmenta anthracipennis : 15 km ENE Abbey 09-Aug-09 GGA
First Saskatchewan record?

NOCTUIDAE

Idia immaculalis : 15 km ENE Abbey 09-Aug-09 GGA
Schinia avemensis : 15 km ENE Abbey 09-Aug-09 GGA
Schinia jaguarina : 15 km ENE Abbey 09-Aug-09 GGA
Copablepharon longipenne : 15 km ENE Abbey 09-Aug-09 GGA

KANSAS

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

Butterflies

HESPERIIDAE

Erynnis baptisiae POTTAWATOMIE: Manhattan 12-Aug-09 PAO
photo by Kim with
Lerodea eufala GRANT: Ulysses 07-Nov-04 CJA
photo

PAPILIONIDAE

Eurytides marcellus POTTAWATOMIE: Manhattan 28-Jun-09 PAO
photo by Kimberly With
Eurytides marcellus BUTLER: El Dorado Lake SP 25-Jul-09 MLW
photo by Bill McBride
Battus philenor GRANT: Ulysses 29-Sep-08 CJA
photo
Papilio crespontes GRANT: Ulysses 29-Jun-03 CJA
photo
Papilio crespontes STEVENS: Moscow, 8 mi SE 15-Jul-04 CJA
photo of larva
Papilio crespontes SHAWNEE: Topeka 26-Aug-09 PAO
photo by Ron Davis
Papilio glaucus NEMAHA: Wetmore 20-Aug-09 PAO
photo by Jim Klinger
Papilio multicaudata GRANT: Ulysses 01-Jul-05 CJA
photo
Papilio polyxenes RILEY: Manhattan 25-Jul-09 PAO
Photo by Audra Carey

PIERIDAE

Glutophrissa drusilla GRANT: Ulysses 18-Jul-08 CJA
photo
Anteos clorinde GRANT: Ulysses 01-Sep-08 CJA
photo
Phoebis agarithe STEVENS: Moscow, 8 mi SE 19-Oct-08 CJA
photo
Phoebis sennae GRANT: Ulysses 12-Sep-04 CJA
photo
Phoebis sennae STEVENS: Moscow, 8 mi SE 27-Oct-04 CJA
photo

NYMPHALIDAE

Cercyonis pegala NEMAHA: Wetmore, 1 mi N 23-Sep-09 PAO
photo by Jim Klinger
Agraulis vanillae GRANT: Ulysses 05-Sep-03 CJA
photo
Agraulis vanillae STEVENS: Moscow, 8 mi SE 27-Sep-04 CJA
photo
Agraulis vanillae POTTAWATOMIE: Manhattan 06-Jun-09 PAO
photo by Kimberly With
Heliconius charithonia GRANT: Ulysses 24-Sep-08 CJA
photo
Speyeria cybele NEMAHA: Wetmore, 1 mi N 23-Sep-09 PAO
photo by Jim Klinger
Speyeria idalia NEMAHA: Wetmore, 1 mi N 18-Sep-09 PAO
photo by Jim Klinger

Adelpha eulalia photo	GRANT: Ulysses	14-May-09	CJA
Vanessa atalanta photo by Jim Klinger	NEMAHA: Wetmore, 1 mi N	23-Sep-09	PAO
Polygonia comma photo by Jim Klinger	NEMAHA: Wetmore, 1 mi N	23-Sep-09	PAO
Polygonia gracilis photo	CLOUD: Concordia, 13 mi S along Hwy 81	06-Mar-09	CJA
Chlosyne lacinia photo	STEVENS: Moscow, 8 mi SE	14-Sep-04	CJA
Chlosyne lacinia photo	GRANT: Ulysses	06-Oct-04	CJA
Phyciodes tharos photo by Jim Klinger	NEMAHA: Wetmore, 1 mi N	23-Sep-09	PAO
Anthanassa texana photo	GRANT: Ulysses	20-Jun-05	CJA
Moths			
PSYCHIDAE			
Thyridopteryx ephemeraeformis leg Mary Clark	RENO: Buhler	22-Aug-09	KLS
Thyridopteryx ephemeraeformis leg Dennis R Angle	BARBER: Medicine Lodge	11-Sep-09	KLS
ELACHISTIDAE			
Ethmia monticola emmeli few in state; pretty far east	BARBER: Gyp Hills, 11 mi W Medicine Lodge	08-May-09	A/A
CRAMBIDAE			
Argyria nummulalis leg Edwin J. Miller	CHAUTAUQUA: Sedan, 3 mi S, 2 mi W	23-Jun-09	KLS
Conchylodes ovulalis photo	GRANT: Ulysses	11-Oct-08	CJA
Nomophila nearctica leg Charles A. Ely	CHASE: Cottonwood Falls (Cottonwood River)	04-May-09	KLS
Nomophila nearctica leg James E. Mason	OSAGE: Lyndon, 2.5 mi E, 0.5 mi N	05-Jun-09	KLS
Polygrammodes flavidalis leg Mike E Bollin	LABETTE: Montana, 1 mi N (Neosho River)	01-Aug-09	KLS
Surattha indentella leg Kenneth L. Brunson	PRATT: Pratt 3 mi E, 1 mi N	22-Aug-09	KLS
PYRALIDAE			
Galleria mellonella leg John J. Bollin III	LEAVENWORTH: Leavenworth	10-Sep-09	KLS
Melitara prodenialis leg Mary Clark	RENO: Buhler	22-Aug-09	KLS
ZYGAENIDAE			
Harrisina americana leg Glenn A Salsbury	CRAWFORD: Frontenac, 4 mi E.	04-Aug-09	KLS
LACTURIDAE			
Lactura pupula STATE; leg Mike E Bollin	LABETTE: Montana, 1 mi N (Neosho River)	01-Aug-09	KLS
MEGALOPYGIDAE			
Lagoa crispata leg James E. Mason	OSAGE: Lyndon, 2.5 mi E, 0.5 mi N	05-Jun-09	KLS
Lagoa crispata leg Glenn A. Salsbury	BOURBON: Fort Scott, 9 mi SW (Hollister WA)	23-Jun-09	KLS
GEOMETRIDAE			
Macaria multilineata leg Charles A. Ely	CHASE: Cottonwood Falls (Cottonwood River)	04-May-09	KLS
Glenoides texanaria leg Mary Clark	RENO: Buhler	23-Aug-09	KLS
Lycia ypsilon leg Glenn A. Salsbury	CRAWFORD: Pittsburg 2 mi W (Mined Lands WA)	16-Apr-09	KLS
Phigalia strigataria leg John J Bollin III	LEAVENWORTH: Leavenworth	17-Mar-09	KLS
Paleacrita vernata leg John J Bollin III	LEAVENWORTH: Leavenworth	17-Mar-09	KLS
Prochoerodes transversata photo by Jim Klinger	NEMAHA: Wetmore	05-Sep-09	PAO

<i>Euacidalia sericearia</i> very few in state	BARBER: 4 mi W Medicine Lodge	14-May-09	A/A
<i>Lobocleta peralbata</i> few in state	BARBER: Gyp Hills, 11 mi W Medicine Lodge	08-May-09	A/A
<i>Dyspteris abortivaria</i> leg John J. Bollin III	ATCHISON: Potter 8 mi E, 0.5 mi N	16-May-09	KLS
SATURNIIDAE			
<i>Sphingicampa bicolor</i> WEST	CHEYENNE: St. Francis	12-May-09	A/A
SPHINGIDAE			
<i>Sphinx drupiferarum</i>	CHEYENNE: St. Francis	12-May-09	A/A
<i>Sphinx drupiferarum</i> leg Dennis R Angle	BARBER: Medicine Lodge	28-Jun-09	KLS
<i>Eumorphia pandorus</i> leg Marva L. Weigelt	CHASE: Matfield Green, 10 mi SE	23-Aug-09	KLS
<i>Amphion floridensis</i> leg Ed J. Miller	COFFEY: Hartford, 2 mi S, 4 mi E	25-Jun-09	KLS
<i>Hyles lineata</i> leg Marva L. Weigelt	CHASE: Matfield Green, 10 mi SE	23-Jul-09	KLS
NOTODONTIDAE			
<i>Pheosia rimosa</i> leg John J. Bollin III	ATCHISON: Potter 8 mi E, 0.5 mi N	22-Jun-09	KLS
<i>Odontosia elegans</i> leg John J. Bollin III	ATCHISON: Potter, 8 mi E., 0.5 mi N	08-Jul-09	KLS
<i>Nerice bidentata</i> leg Charles A. Ely	CHASE: Cottonwood Falls (Cottonwood River)	04-May-09	KLS
<i>Ellida caniplaga</i> STATE; leg John J. Bollin III	LEAVENWORTH: Leavenworth	10-Apr-09	KLS
<i>Hippia packardii</i> STATE; leg Glenn A. Salsbury; id James K. Adams; in Univ. of Kansas Coll.	KIOWA: Greensburg, 5 mi SE	31-May-93	KLS
<i>Hippia packardii</i> only a handful known from Kansas	BARBER: 4 mi W Medicine Lodge	14-May-09	A/A
ARCTIIDAE			
<i>Grammia blakei</i> early in year	CHEYENNE: St. Francis	12-May-09	A/A
<i>Grammia incorrupta</i> few records for Kansas	HAMILTON: Sand Dunes S of Syracuse, S of Arkansas River	11-May-09	A/A
<i>Grammia incorrupta</i> most northern record for Kansas	CHEYENNE: 20 mi NW St. Francis, along Rd. 3, 4 mi N Rd. W	12-May-09	A/A
<i>Grammia incorrupta</i> few records for Kansas	SCOTT: Scott Lake State Park	13-May-09	A/A
<i>Grammia incorrupta</i> few in state; farthest east record for species	BARBER: Gyp Hills, 15 mi W Medicine Lodge	14-May-09	A/A
<i>Grammia oithona</i> leg James E. Mason	OSAGE: Lyndon, 2.5 mi E, 0.5 mi N	05-Jun-09	KLS
<i>Grammia phyllira</i> form "oithona"; early in year	SCOTT: Scott Lake SP	13-May-09	A/A
<i>Estigmene acrea</i> photo by Nicolle Butler	HARVEY: Newton, Newton HS	19-Sep-09	PAO
<i>Cycnia tenera</i> leg Mary Clark	RENO: Buhler	28-May-09	KLS
<i>Euchaetes egle</i> photo by Steve McCann	COWLEY: Winfield	06-Sep-09	PAO
<i>Pagara simplex</i> leg Mary Clark	RENO: Buhler	09-May-09	KLS
NOCTUIDAE			
<i>Characoma nilotica</i> very few in state	BARBER: 4 mi W Medicine Lodge	14-May-09	A/A
<i>Baileya australis</i> leg John J. Bollin III	LEAVENWORTH: Leavenworth	23-Apr-09	KLS
<i>Hyphenodes fractilinea</i> STATE record	BARBER: 4 mi W Medicine Lodge	14-May-09	A/A
<i>Sigela eoides</i> STATE record	BARBER: 4 mi W Medicine Lodge	14-May-09	A/A
<i>Idia lubricalis</i> leg John J. Bollin III	LEAVENWORTH: Leavenworth	12-Jul-09	KLS
<i>Hypena bijugalis</i> leg+O63 Mike E. Bollin	CHEROKEE: Weir, 1 mi N, 0.5 mi W	30-Aug-09	KLS

Melipotis indomita leg Vernon L. Wranosky	THOMAS: Colby	13-May-09	KLS
Matigramma pulverilinea leg Mike E. Bollin	CHEROKEE: Weir, 1 mi W, 0.5 mi S	07-Jul-09	KLS
Paectes oculatrix leg Glenn A Salsbury	CRAWFORD: Frontenac	22-May-09	KLS
Paectes oculatrix leg John J. Bollin III	LEAVENWORTH: Leavenworth	12-Jul-09	KLS
Eutelia pulcherrima STATE; leg John J. Bollin III	LEAVENWORTH: Leavenworth	06-May-09	KLS
Autographa californica STATE record	HAMILTON: Sand Dunes S of Syracuse, S of Arkansas River	11-May-09	A/A
Autographa californica Second state record; EAST	SCOTT: Scott Lake SP	13-May-09	A/A
Anagrapha falcifera leg Mary Clark	RENO: Buhler	09-May-09	KLS
Cobubatha dividua very few in state	BARBER: 4 mi W Medicine Lodge	14-May-09	A/A
Maliattha concinnimacula form "parvimacula"; few in state	BARBER: Gyp Hills, 11 mi W Medicine Lodge	08-May-09	A/A
Cerma cora very few records in state; likely COUNTY record	ELK: Longton	07-May-09	A/A
Tarachidia semiflava leg Dennis R. Angle	BARBER: Medicine Lodge	16-Jul-09	KLS
Tarachidia tortricina leg Kenneth L. Brunson	PRATT: Pratt, 3 mi E, 1 mi N	22-Aug-09	KLS
Colocasia propinquilinea STATE; leg John J. Bollin III	LEAVENWORTH: Leavenworth	17-Apr-09	KLS
Acronicta morula few in state	BARBER: Gyp Hills, 11 mi W Medicine Lodge	08-May-09	A/A
Eudryas grata leg John J. Bollin III	LEAVENWORTH: Leavenworth	26-Jul-09	KLS
Eudryas unio leg James E. Mason	OSAGE: Lyndon, 2.5 mi E, 0.5 mi N	05-Jun-09	KLS
Alypia octomaculata photo	GRANT: Ulysses	09-Jul-07	CJA
Sympistis occata STATE record	MORTON: N. of Elkhart, Cimmaron Nat'l Grasslands	09-May-09	A/A
Copivaleria grotei leg John J. Bollin III	LEAVENWORTH: Leavenworth	17-Apr-09	KLS
Plagiomimicus pityochromus leg Dennis R. Angle	BARBER: Medicine Lodge	30-Aug-09	KLS
Basilodes pepita leg Mike E. Bollin	CHEROKEE: Weir, 1 mi N, 0.5 mi W	27-Aug-09	KLS
Stiria rugifrons leg Dennis R. Angle	BARBER: Medicine Lodge	30-Aug-09	KLS
Schinia chrysellia leg Glenn A Salsbury	BUTLER: El Dorado, 2 mi E	25-Aug-09	KLS
Schinia cupes early in year	BARBER: Gyp Hills, 15 mi W Medicine Lodge	14-May-09	A/A
Schinia gaurae leg Dennis R. Angle	BARBER: Medicine Lodge	11-Sep-09	KLS
Schinia hulstia leg Glenn A Salsbury	BUTLER: El Dorado, 2 mi E	25-Aug-09	KLS
Schinia jaguarina early in year	Barber: Gyp Hills, 15 mi W Medicine Lodge	14-May-09	A/A
Dypterygia patina very few in state	BARBER: Gyp Hills, 15 mi W Medicine Lodge	14-May-09	A/A
Apamea occidens STATE; leg Glenn A. Salsbury; id James K. Adams; in Univ. of Kansas Coll; dot on map, MONA	KIOWA: Greensburg, 5 mi SE	07-Jul-95	KLS
Papaipema nebris leg Dennis R Angle	BARBER: Medicine Lodge	19-Sep-09	KLS
Perigonica eldana STATE; leg Glenn A. Salsbury; id James K. Adams; in Univ. of Kansas Coll.	KIOWA: Greensburg, 5 mi N	08-Apr-95	KLS
Orthosia garmani leg John J. Bollin III	LEAVENWORTH: Leavenworth	10-Apr-09	KLS
Crocigrapha normani leg John J. Bollin III	LEAVENWORTH: Leavenworth	15-Apr-09	KLS

Nephelodes minians leg Mary Clark	RENO: Buhler	22-Aug-09	KLS
Faronta rubripennis leg Marva L. Weigelt	CHASE: Matfield Green, 10 mi SE	23-Aug-09	KLS
Ulolonche disticha STATE; leg Glenn A. Salsbury; id James K. Adams; in Univ. of Kansas Coll. (county only named)	KIOWA:	07-Sep-97	KLS
Anicla illapsa few records in state	BARBER: Gyp Hills, 11 mi W Medicine Lodge	08-May-09	A/A
Agrotis venerabilis leg Mary Clark	RENO: Buhler	02-Oct-09	KLS
Choephora fungorum leg Mary Clark	RENO: Buhler	22-Sep-09	KLS
Noctua pronuba few in state	SCOTT: Scott Lake SP	13-May-09	A/A
Noctua pronuba leg Dennis R Angle	BARBER: Medicine Lodge	11-Sep-09	KLS
Noctua pronuba leg Kenneth L. Brunson	MORTON: Elkhart, 3 mi N (Turnerville Sta)	22-Sep-09	KLS

NEBRASKA

Neil Dankert and Steve Spomer submitted the following records.

Butterflies

HESPERIIDAE

Polites origenes rhenae	LANCASTER: Native prairie, 1st & Raymond Rd, Lincoln	16-Jun-09	25-Jun-09	SMS
Pompeius verna	PAWNEE: 1.5 mi N, 2.5 mi W Du Bois	25-Jun-09		NED
Euphyes dion	LANCASTER: nr confluence Little Salt and Salt Creeks	29-Jun-09		SMS

LYCAENIDAE

Satyrrium acadica	LOUP: 2 mi W, 1 mi N Almeria	26-Jul-09		NED
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NYMPHALIDAE

Anaea andria	GAGE: 4 mi W, 0.5 mi N Adams	30-May-09		DR3
Lethe anhedon	GAGE: 4 mi W, 0.5 mi N Adams	28-Jun-09		DR3
Limnitis archippus	BOONE: Olsen Nature Preserve	22-Aug-09		NED
Polygonia comma	LOUP: 1 mi N Almeria	26-Jul-09		NED

Moths

SATURNIIDAE

Hemileuca nevadensis "one captured" by Ransom D. Sitz	ROCK: 27 mi N, 13 mi W of Burwell	20-Oct-09		SMS
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SPHINGIDAE

Sphecodina abbottii	NEHAMA: Indian Cave SP (entrance lights)	25-Jun-09		SMS
Hyles euphorbiae "summer" 2009, by Megan Cunningham, 2nd NE record	NANCE:	03-Aug-09		SMS

NORTH DAKOTA

Ron Royer reported that the 2009 season was generally very late, although producing several new county records derived from incidental pheromone trap captures of Gerald Fauske. *Hesperia ottoe* resurfaced in the ND badlands (McKenzie County) for the first time in several years during surveys made for the US Forest Service, and both *Papilio multicaudata* and *Speyeria edwardsii* produced very late observation dates, as noted below. Fauske reported one state record, *Agrius cingulatus*, from Cavalier County.

Butterflies

HESPERIIDAE

<i>Hesperia ottoe</i> First badlands encounters in several years	McKenzie: McKenzie District, Little Missouri NG	18-Jul-09	19-Jul-09	RAR
<i>Hesperia uncas</i> one pair; late first brood	McKenzie: McKenzie District, Little Missouri NG	19-Jul-09		RAR
<i>Polites mystic</i> Incidental capture in pheromone moth trap	BOTTINEAU:	27-Jul-09		GMF
<i>Polites mystic</i> Incidental capture in pheromone moth trap	EDDY:	06-Aug-09		GMF
<i>Anatrytone logan</i> Incidental capture in pheromone moth trap	WILLIAMS:	25-Jul-09		GMF
<i>Ochlodes sylvanoides</i> NORTH in state	McKenzie: 2.5 mi N Roosevelt NP (Sections 2 & 14)	22-Aug-09		RAR

PAPILIONIDAE

<i>Papilio multicaudata</i> Photographic voucher of female, submitted via e-mail by Bryan and Jodi Lange	STARK: In city of Dickinson	14-Jul-09		GMF
<i>Papilio multicaudata</i> two males, LATE	McKenzie: Section 14, T148N R100W, Little Missouri NG	22-Aug-09		RAR

PIERIDAE

Colias philodice FOSTER: 06-Aug-09 GMF
 Incidental capture in pheromone moth trap

NYMPHALIDAE

Coenonympha tullia inornata FOSTER: 16-Jul-09 GMF
 Incidental capture in pheromone moth trap
Speyeria edwardsii HETTINGER: 13 mi NW New Leipzig 25-Sep-09 GMF
 LATE; leg. Susanne Kallis in "tallgrass prairie"
Speyeria idalia MOUNTRAIL: 5 mi S New Town (NW 17 151-92) 31-Jul-09 04-Aug-09 SV1
 three examples in rangeland prairie (photo voucher)
Nymphalis l-album DICKEY: 7.5 mi SE Ellendale 28-Sep-09 GMF
 leg. Trevor Hokana
Nymphalis l-album CAVALIER: 1.5 mi N, 0.5 mi E Olga, Pembina Gorge 29-Sep-09 GMF
 leg. Matt Chaput

Moths**SPHINGIDAE**

Agrius cingulata CAVALIER: Munich 20-Sep-09 GMF
 First STATE record; leg Devin Writh on "car grill"

NOCTUIDAE

Euxoa citricolor MCLEAN: 2 mi S, 1 mi E Garrison 05-Jul-09 GMF
 leg W. H. Harchenko

OKLAHOMA

John Fisher provided the following extensive list of records.

Butterflies**HESPERIIDAE**

Cogia outis CHEROKEE: Cherokee WMA, western section 22-Apr-09 JWA
 photo
Erynnis funeralis TEXAS: Texhoma 27-Jun-07 KFS
 photo
Erynnis horatius TEXAS: Texhoma 15-Jul-07 KFS
 photo
Amblyscirtes aesculapius CHEROKEE: Ft. Gibson Dam, 3 mi S 24-Sep-09 JWA
 photo
Amblyscirtes linda ATOKA: McGee Creek WMA, Cane Brake Rd near HQ 24-Aug-09 JWA
 photo, Det. A. Warren
Amblyscirtes nysa TEXAS: Texhoma 02-Sep-07 KFS
 photo
Amblyscirtes vialis MCCURTAIN: Carter Mtn, 2 mi E along Cedar Creek 22-Apr-09 BAH
 photo
Nastra lherminier LEFLORE: Honobia Creek WMA 29-May-09 BER
 photo
Lerema accius TILLMAN: Davidson, 4 mi E, 1/2 mi S of Hwy 70 on NS222 Rd 29-Sep-09 JWA
 photo
Hylephila phyleus TEXAS: Texhoma 21-Jul-07 KFS
 photo
Hesperia uncas TEXAS: Texhoma 06-Sep-07 KFS
 photo
Polites peckius Delaware: Natural Falls SP 23-Jul-09 F-N
 specimen, first recent record in state
Wallengrenia egeremet JOHNSTON: Tishomingo NWR, Wildlife Mgmt Area 19-Jun-09 JFF
 specimen
Wallengrenia egeremet PONTOTOC: TNC Pontotoc Ridge Preserve 20-Jun-09 JH2
 photo
Wallengrenia otho SEQUOYAH: Sallisaw, I-40 @ exit 311 20-Sep-09 PWR
 photo
Poanes viator CHEROKEE: Ft. Gibson Dam, 3 mi S 27-Sep-09 BER
 photo
Poanes viator ALFALFA: Salt Plains NWR 01-Nov-09 JWA
 specimen, SPNWR
Poanes yehl PITTSBURG: McAlester, 9.5 mi S 28-Jun-08 JFF
 specimen, leg. J McDermott, det. C Bordelon
Poanes yehl CHEROKEE: Ft. Gibson Dam, 3 mi S 24-Sep-09 JWA
 photo
Euphyes dion JOHNSTON: Tishomingo NWR, HQ area 19-Jun-09 JFF
 specimen

Calpododes ethlius photo, 4th OK record	ROGERS: Owasso, 4 mi E	03-Oct-09	KCW
PAPILIONIDAE			
Eurytides marcellus photo by Peggy Porter via BMONA	OKLAHOMA: Oklahoma City, 2700 Blk NW 17th	10-Jul-09	JFF
Battus philenor photo	TEXAS: Texhoma	28-Jul-07	KFS
Papilio glaucus photo	TEXAS: Texhoma	28-Jul-07	KFS
Papilio multicaudata photo	TILLMAN: Hackberry Flat WMA	26-Mar-09	JWA
PIERIDAE			
Pieris rapae photo	TEXAS: Texhoma	07-Sep-07	KFS
Zerene cesonia photo, female	MUSKOGEE: Cherokee WMA, western section	22-Apr-09	JWA
Zerene cesonia specimen	LATIMER: Robbers Cave SP	18-Sep-09	JMN
Phoebis agarithe photo	TEXAS: Texhoma	17-Sep-07	KFS
Phoebis sennae photo	TEXAS: Texhoma	27-Jun-08	KFS
Pyrisitia lisa photo	TEXAS: Texhoma	13-Oct-07	KFS
LYCAENIDAE			
Feniseca tarquinius photo	CLEVELAND: Lexington WMA	29-Aug-09	BER
Atlides halesus at BL, photo	WASHINGTON: Bartlesville	13-Aug-09	MJD
Atlides halesus photo	CHEROKEE: Ft. Gibson Dam, 3 mi S	18-Sep-09	JWA
Atlides halesus photo	ROGERS: Owasso, 4 mi E	20-Sep-09	KCW
Brephidium exilis photo	TULSA: Bixby	13-Jul-09	SKS
Celastrina ladon sight	PONTOTOC: TNC Pontotoc Ridge Preserve	01-May-09	F-N
NYMPHALIDAE			
Libytheana carinenta photo	TEXAS: Texhoma	15-Jul-07	KFS
Danaus gilippus photo	TEXAS: Texhoma	15-Jul-07	KFS
Danaus gilippus photo	ROGER MILLS: Black Kettle NG, Skipout Lake	22-May-09	VDB
Cyllopsis gemma photo by Eric Beck	COMANCHE: Lake Lawtonka	01-Sep-09	JFF
Hermeuptychia sosybius specimen	SEQUOYAH: Nicut area	23-Apr-08	KD
Agraulis vanillae photo	TEXAS: Texhoma	07-Oct-07	KFS
Speyeria diana photo	PAWNEE: Keystone Lake, Peninsula area	20-Jun-09	PWR
Mestra amymone photo	TEXAS: Texhoma	13-Oct-07	KFS
Asterocampa clyton specimen	JOHNSTON: Tishomingo NWR, HQ area	19-Jun-09	JFF
Polygonia comma photo, at banana bait	PAWNEE: Lake Keystone, Peninsula area	25-Oct-09	PWR
Chlosyne nycteis specimen	SEMINOLE: I-40 Rest Stop, east bound	25-Apr-08	KD
Anthanassa texana photo	TEXAS: Texhoma	31-May-07	KFS
Anthanassa texana sight by Doug Wood	BRYAN: Cartwright, along trail NE of Denison Dam	02-Oct-09	JFF
Anthanassa texana sight by Doug Wood	BRYAN: Cartwright, along trail NE of Denison Dam	02-Oct-09	JFF

Moths

ERIOCRANIIDAE

Dyseriocrania griseocapitella WASHINGTON: Bartlesville 23-Apr-09 MJD
at BL, det. BoL STATE

TISCHERIIDAE

Tischeria citrinipennella WASHINGTON: Bartlesville 17-Mar-09 MJD
at BL, photo STATE

Tischeria quercitella WASHINGTON: Bartlesville 18-Aug-09 MJD
at BL, photo, Det. BoL STATE

TINEIDAE

Nemapogon multistriatella WASHINGTON: Bartlesville 25-Apr-09 MJD
at BL, photo, Det. BoL - DNA STATE

Nemapogon multistriatella CLEVELAND: Norman 08-May-09 VDB
at light, photo

Hybroma servulella WASHINGTON: Bartlesville 14-Jun-09 MJD
photo, at lights STATE

Homostinea curviliiniella WASHINGTON: Bartlesville 11-Sep-08 MJD
at BL, photo, det. BoL STATE

Tinea apicimaculella TULSA: Sand Springs, 3 mi W 28-May-09 JFF

GRACILLARIIDAE

Caloptilia belfrageella WASHINGTON: Bartlesville 16-Mar-09 MJD
at BL, photo STATE

Caloptilia blandella WASHINGTON: Bartlesville 08-Jun-09 MJD
at BL STATE

Caloptilia packardella WASHINGTON: Bartlesville 16-Aug-09 MJD
at BL, photo STATE

Caloptilia sassafusella WASHINGTON: Bartlesville 18-Jun-09 MJD
det. BoL STATE

Acrocercops astericola WASHINGTON: Bartlesville 24-Sep-08 MJD
at BL STATE

Phyllonorycter celtisella WASHINGTON: Bartlesville 17-Aug-09 MJD
at BL, photo, Det. BoL - DNA STATE

Phyllonorycter ostryaefoliella WASHINGTON: Bartlesville 08-Aug-09 MJD
at BL, photo STATE

Cameraria conglomeratella WASHINGTON: Bartlesville 08-Aug-09 MJD
at BL, photo STATE

OECOPHORIDAE

Antaeotricha leucillana CHEROKEE: TNC Nickel Preserve, Sawmill Hollow 04-Apr-09 F-N

Antaeotricha leucillana PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area 01-May-09 F-N

Psilocorsis quercicella WASHINGTON: Bartlesville 23-May-09 MJD
at BL, photo, Det. BoL - DNA STATE

Psilocorsis reflexella TULSA: Sand Springs, 3 mi W 17-Apr-09 JFF

Psilocorsis reflexella WASHINGTON: Bartlesville 04-Aug-09 MJD
at BL, photo

ELACHISTIDAE

Agonopterix argillacea WASHINGTON: Bartlesville 08-Apr-09 MJD
at BL, photo, BoL STATE

Agonopterix canadensis WASHINGTON: Bartlesville 13-Feb-09 MJD
at BL, photo STATE

Agonopterix pulvipennella WASHINGTON: Bartlesville 03-Jun-09 MJD
at BL, photo STATE

Ethmia delliella WASHINGTON: Bartlesville 15-Jun-09 MJD
at BL, photo STATE

Ethmia monachella CLEVELAND: Norman 20-Nov-09 VDB
at BL, STATE

GELECHIIDAE

Isophrictis similiella WASHINGTON: Bartlesville 28-May-09 MJD
at BL, photo STATE

Theisoa constrictella WASHINGTON: Bartlesville 30-Apr-09 MJD
at BL, photo STATE

Aristotelia devexella WASHINGTON: Bartlesville 10-Jul-09 MJD
at BL, photo STATE

Aristotelia elegantella PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area 26-Aug-09 JFF

Aristotelia roseosuffusella CLEVELAND: Norman 02-Jun-09 VDB
at light, photo

Aristotelia rubidella WASHINGTON: Bartlesville 12-Aug-09 MJD
at BL, photo STATE

Coleotechnites florum det. BoL STATE	WASHINGTON: Bartlesville	04-Aug-09	MJD
Coleotechnites quercivorella at BL STATE	WASHINGTON: Bartlesville	17-Mar-09	MJD
Arogalea cristifasciella 2, at BL	TULSA: Sand Springs, 3 mi W	23-Mar-09	JFF
Pseudotelphusa palliderosacella at BL, photo STATE	WASHINGTON: Bartlesville	26-Apr-09	MJD
Pseudotelphusa quercinigracella det. BoL STATE	WASHINGTON: Bartlesville	15-Apr-09	MJD
Arla tenuicornis at BL, photo STATE	WASHINGTON: Bartlesville	17-Apr-09	MJD
Rifseria fuscotaeniaella at light, photo	CLEVELAND: Norman	02-Jul-09	VDB
Deltophora glandiferella at BL, photo STATE	COMANCHE: Wichita Mountains NWR, Doris Cmpgrd	21-May-09	VDB
Deltophora sella	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	19-Jun-09	JFF
Gnorimoschema gallaeasterella at BL, photo, Det. BoL STATE	WASHINGTON: Bartlesville	06-Oct-08	MJD
Symmetrischema striatella det. BoL STATE	WASHINGTON: Bartlesville	28-Sep-08	MJD
Frumenta nundinella at BL, photo STATE	WASHINGTON: Bartlesville	27-Sep-08	15-Aug-09 MJD
Chionodes fuscomaculella det. BoL STATE	WASHINGTON: Bartlesville	11-Sep-08	MJD
Chionodes mediofuscella at BL, photo	WASHINGTON: Bartlesville	25-Mar-09	MJD
Filatima biminimaculella at light, photo STATE	WASHINGTON: Bartlesville	05-Sep-08	MJD
Aroga trialbamaculella det. BoL	WASHINGTON: Bartlesville	08-May-09	MJD
Fascista cercerisella 2, at BL	CHEROKEE: TNC Nickel Preserve, HQ area	19-Aug-09	JFF
Untomia albistrigella at BL, photo, Det. BoL STATE	WASHINGTON: Bartlesville	13-Sep-09	MJD
Battaristis vittella at BL STATE	CLEVELAND: Norman	01-Jul-09	VDB
Anacamptis conclusella at light, photo STATE	WASHINGTON: Bartlesville	30-Jul-09	MJD
Anacamptis fullonella 3, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09	JFF
Strobisia iridipennella at BL, photo STATE	CLEVELAND: Lexington WMA	14-May-09	BER
Strobisia iridipennella	TULSA: Sand Springs, 3 mi W	08-Jun-09	JFF
Brachmia hystricella at BL, photo STATE	WASHINGTON: Bartlesville	17-Apr-09	MJD
Brachmia melanocarpa at BL, photo STATE	WASHINGTON: Bartlesville	18-Apr-09	MJD
Brachyacma palpigera	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09	JFF
Dichomeris bilobella	TULSA: 3 mi W of Sand Springs	05-Mar-09	JFF
Dichomeris georgiella	WASHINGTON: Bartlesville	28-Jun-09	MJD
Dichomeris glenni at BL, photo STATE	WASHINGTON: Bartlesville	20-Aug-09	MJD
Dichomeris isa	CHEROKEE: TNC Nickel Preserve, HQ area	19-Aug-09	JFF
Dichomeris isa	LATIMER: Robber's Cave SP	18-Sep-09	BJS
Dichomeris vindex photo	WASHINGTON: Bartlesville	11-Sep-08	MJD
Dichomeris vindex	TULSA: 3 mi W of Sand Springs	14-Apr-09	JFF
Trichotaphe serrativittella det. BoL	WASHINGTON: Bartlesville	06-Oct-208	MJD
BLASTOBASIDAE			
Valentinia glandulella photo	COMANCHE: Wichita Mountains NWR, Doris Cmpgrd	21-May-09	VDB
COLEOPHORIDAE			
Coleophora angentialbella det. BoL STATE	WASHINGTON: Bartlesville	13-Jun-09	MJD
Coleophora atromarginata at BL STATE	WASHINGTON: Bartlesville	21-Jun-09	MJD

Coleophora cratipennella at BL, photo STATE	WASHINGTON: Bartlesville	08-May-09		MJD
Coleophora laticornella at lights, photo, det. Terry Harrison STATE	WASHINGTON: Bartlesville	06-Jun-09		MJD
Coleophora lineapulvella at BL, det. T. Harrison STATE	WASHINGTON: Bartlesville	01-Sep-08		MJD
Coleophora pruniella det. BoL STATE	WASHINGTON: Bartlesville	11-Jun-09		MJD
MOMPHIDAE				
Mompha circumscriptella	TULSA: Sand Springs, 3 mi W	16-Mar-09		JFF
Mompha eloisella at light, photo	CLEVELAND: Norman	08-May-09		VDB
Mompha murtfeldtella at BL STATE	WASHINGTON: Bartlesville	14-Jun-09		MJD
Mompha solomoni det. BoL	WASHINGTON: Bartlesville	15-Apr-09		MJD
COSMOPTERIGIDAE				
Limnaecia phragmitella at BL, photo	WASHINGTON: Bartlesville	02-Jun-09		MJD
Triclonella determinatella	TULSA: Sand Springs, 3 mi W	27-Aug-08	01-Sep-08	JFF
Triclonella determinatella at light, photo	CLEVELAND: Norman	01-May-09		VDB
Triclonella determinatella at light, photo	WASHINGTON: Bartlesville	28-Jul-09		MJD
Triclonella pergandeella	TULSA: Sand Springs, 3 mi W	25-Apr-09		JFF
Triclonella pergandeella at BL, photo	WASHINGTON: Bartlesville	15-Aug-09		MJD
Perimede erransella at BL, photo, det. BoL STATE	WASHINGTON: Bartlesville	08-Sep-08		MJD
SCYTHRIDIDAE				
Scythris trivinctella	TULSA: Sand Springs, 3 mi W	25-Sep-08		JFF
CARPOSINIDAE				
Carposina fernaldana at BL, photo, det. BoL - DNA match STATE	WASHINGTON: Bartlesville	08-Sep-08		MJD
Carposina sasakii STATE RECORD; photo	WASHINGTON: Bartlesville	16-Sep-08		MJD
YPONOMEUTIDAE				
Atteva pustulella 2, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09		F-N
Atteva pustulella	LATIMER: Robbers Cave SP	18-Sep-09		JMN
ARGYRESTHIIDAE				
Argyresthia alternatella at BL, photo STATE	WASHINGTON: Bartlesville	18-Mar-09		MJD
Argyresthia quadristrigella at BL, photo STATE	WASHINGTON: Bartlesville	23-Apr-09		MJD
Argyresthia subreticulata at BL, photo STATE	WASHINGTON: Bartlesville	06-Jun-09		MJD
LYONETIIDAE				
Philonome clemensella at BL, photo STATE	WASHINGTON: Bartlesville	16-Aug-09		MJD
ACROLEPIIDAE				
Acrolepiopsis leucoscia at BL, det. BoL STATE	WASHINGTON: Bartlesville	21-Apr-09		MJD
THYRIDIDAE				
Thyris sepulchralis photo	WAGONER: Kerr-McClellan WMA, Chouteau Unit	14-Apr-09		JWA
Thyris sepulchralis	ROGERS: Red Bud Valley Nature Preserve	15-Apr-09		F-N
Dysodia oculatana at BL STATE	ROGERS: Owasso, 4 mi E	02-Oct-08		KCW
CRAMBIDAE				
Achyra rantalis	DELAWARE: Natural Falls SP	23-Jul-09		F-N
Aethiophysa lentiflualis	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09		JFF
Apogeshna stenialis at BL STATE	WASHINGTON: Bartlesville	27-May-09		MJD
Argyria rufisignella	CHEROKEE: TNC Nickel Preserve, HQ area	23-Jul-09		F-N
Blepharomastix ranalis 4	CHOCTAW: Hugo Lake SP	18-Apr-09		JMN

Blepharomastix ranalis 4, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09		F-N
Chrysoteuchia topiaria det. BoL STATE	WASHINGTON: Bartlesville	20-Jul-09		MJD
Crambus laqueatellus 8, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09		F-N
Crambus praefectellus 3, at BL	CHEROKEE: TNC Nickel Preserve, HQ area	23-Jul-09		F-N
Crambus praefectellus	LATIMER: Robbers Cave SP	18-Sep-09		BJS
Crocidophora pustuliferalis at light, photo, det BoL STATE	DELAWARE: Lake Eucha, confluence of Spavinaw & Beatty Creeks	22-Apr-09		F-N
Crocidophora serratissimalis	CHEROKEE: TNC Nickel Preserve, HQ area	23-Jul-09		F-N
Crocidophora tuberculalis	DELAWARE: Lake Eucha, confluence of Spavinaw & Beatty Creeks	22-Apr-09		F-N
Desmia funeralis 2, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09		F-N
Desmia funeralis	CHEROKEE: TNC Nickel Preserve, HQ area	23-Jul-09		F-N
Desmia funeralis	LATIMER: Robbers Cave SP	18-Sep-09		BJS
Desmia maculalis 2, at light	ROGERS: Owasso, 4 mi E	02-Oct-08		KCW
Desmia maculalis	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	19-Jun-09		JFF
Diacme elealis 2, at BL	CHEROKEE: TNC Nickel Preserve, HQ area	23-Jul-09		F-N
Donacaula melinella at light, photo	CLEVELAND: Norman, Natl Weather Ctr	02-Jun-09	05-Jun-09	VDB
Donacaula sordidella 7, at BL	MCCURTAIN: Little River NWR	08-May-09		F-N
Eoreuma densella 2, at BL	OSAGE: TNC Tallgrass Prairie Preserve, Foreman's House	26-Jun-09		JMN
Eustixia pupula photo	COMANCHE: Wichita Mountains NWR, Doris Cmpgrd	22-May-09		VDB
Fissicrambus mutabilis	CHEROKEE: TNC Nickel Preserve, HQ area	23-Jul-09		F-N
Frechinia helianthiales at BL, photo	WASHINGTON: Bartlesville	09-Aug-09		MJD
Glaphyria fulminalis at BL, photo, det. BoL - DNA match	WASHINGTON: Bartlesville STATE	28-May-09		MJD
Glaphyria sequistrialis 5, at BL	LATIMER: Robbers Cave SP	18-Sep-09		BJS
Hahncappisia mancalis 2, at BL	CHEROKEE: TNC Nickel Preserve, HQ area	23-Jul-09		F-N
Haimbachia diminutalis 3, at BL	CHEROKEE: TNC Nickel Preserve, HQ area	23-Jul-09		F-N
Haimbachia squamulella	CHEROKEE: TNC Nickel Preserve, HQ area	19-Aug-09		JFF
Herpetogramma aeglealis 2, at BL	CHEROKEE: TNC Nickel Preserve, HQ area	23-Jul-09		F-N
Herpetogramma thestealis at BL, photo STATE	CHEROKEE: TNC Nickel Preserve, HQ area	23-Jul-09		F-N
Herpetogramma thestealis	LATIMER: Robbers Cave SP	18-Sep-09		BJS
Hymenia perspectalis	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09		JFF
Leptosteges parthenialis	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	19-Jun-09		JFF
Lineodes integra 2, at BL	CHEROKEE: TNC Nickel Preserve, HQ area	23-Jul-09		F-N
Lineodes integra	LATIMER: Robbers Cave SP	18-Sep-09		BJS
Lygropia rivulalis	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09		F-N
Lygropia rivulalis at BL, photo	WASHINGTON: Bartlesville	02-Jun-09		MJD
Marasmia trapezalis	TULSA: Sand Springs, 3 mi W	07-Aug-09		JFF
Microcrambus elegans at light, photo	CLEVELAND: Norman	01-Jun-09		VDB
Microcrambus elegans 2, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09		JFF
Microtheoris ophionalis	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09		JFF
Mimoschinia rufofascialis	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	19-Jun-09		JFF
Mimoschinia rufofascialis	TULSA: Sand Springs, 3 mi W	21-Aug-09		JFF
Munroessa gyralis 4, at BL	CHEROKEE: TNC Nickel Preserve, HQ area	23-Jul-09		F-N
Munroessa gyralis	LATIMER: Robbers Cave SP	18-Sep-09		JMN
Munroessa icciusalis	LATIMER: Robbers Cave SP	18-Sep-09		JMN
Neohelviobotys neohelvalis det. BoL STATE	WASHINGTON: Bartlesville	15-Jun-09		MJD

Neohelviobotys polingi	WASHINGTON: Bartlesville	08-Sep-08	MAJ
Neohelviobotys polingi	MCCURTAIN: Little River NWR, Unit 2	08-May-09	F-N
Neohelviobotys polingi	CHEROKEE: TNC Nickel Preserve, HQ area	19-Aug-09	JFF
Nephrogramma reniculalis at light, photo	CLEVELAND: Norman	08-May-09	VDB
Nephrogramma reniculalis at light, photo	CLEVELAND: Norman	01-Jun-09	VDB
Nephrogramma reniculalis	TULSA: Sand Springs, 3 mi W	13-Jun-09	JFF
Nomophila nearctica at lights	CLEVELAND: Norman	02-Apr-09	VDB
Ostrinia nubilalis	MCCURTAIN: Little River NWR, Unit 2	08-May-09	F-N
Ostrinia nubilalis	CHEROKEE: TNC Nickel Preserve, HQ area	23-Jul-09	F-N
Ostrinia obumbratalis	TULSA: Sand Springs, 3 mi W	14-Jul-09	JFF
Ostrinia obumbratalis 2, at BL	CHEROKEE: TNC Nickel Preserve, HQ area	19-Aug-09	JFF
Ostrinia penitalis 3, at BL	CHEROKEE: TNC Nickel Preserve, HQ area	23-Jul-09	F-N
Palpita gracilalis at light, photo	CLEVELAND: Norman	01-Aug-09	VDB
Palpita magniferalis 2, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
Palpita magniferalis	CHEROKEE: TNC Nickel Preserve, HQ area	23-Jul-09	F-N
Palpita magniferalis	LATIMER: Robbers Cave SP	18-Sep-09	BSJ
Palpita quadristigmalis	TULSA: Sand Springs, 3 mi W	17-Jun-09	JFF
Pantographa limata 5, at BL	CHEROKEE: TNC Nickel Preserve, HQ area	23-Jul-09	F-N
Parapediasia decorella	CHEROKEE: TNC Nickel Preserve, HQ area	19-Aug-09	JFF
Parapediasia decorella 2, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09	JFF
Parapediasia teterrella at light, photo	CLEVELAND: Norman	18-Sep-08	VDB
Parapediasia teterrella 4, at BL	CHEROKEE: TNC Nickel Preserve, HQ area	23-Jul-09	F-N
Perispasta caeculalis	LATIMER: Robbers Cave SP	18-Sep-09	BSJ
Petrophila fulcalis photo	MCCURTAIN: Beavers Bend SP, south end	11-Jun-09	BAH
Phlyctaenia coronata tertialis	TULSA: Sand Springs, 3 mi W	23-Apr-09	JFF
Phlyctaenia coronata tertialis at lights	ROGERS: Owasso, 4 mi E	02-Jul-09	KCW
Phlyctaenia coronata tertialis 2, at BL	CHEROKEE: TNC Nickel Preserve, HQ area	19-Aug-09	JFF
Polygrammodes flavidalis	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	19-Jun-09	JFF
Polygrammodes flavidalis photo	NOWATA: 4 mi E, 1 mi N of Jct US 169 & Hwy 10	06-Jul-09	KCW
Psara obscuralis at light, photo	CLEVELAND: Norman	02-Jun-09	VDB
Pyrausta acronialis 2, at BL	MCCURTAIN: Little River NWR, Unit 2	08-May-09	F-N
Pyrausta acronialis	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09	JFF
Pyrausta bicoloralis	ROGERS: Owasso, 4 mi E	09-Mar-09	KCW
Pyrausta generosa	CHEROKEE: TNC Nickel Preserve, HQ area	19-Aug-09	JFF
Pyrausta laticlavata photo, at lights	PAWNEE: Lake Keystone, Peninsula area	23-Jul-09	PWR
Pyrausta nexalis at BL, photo STATE	ROGER MILLS: Black Kettle NG, Black Kettle Lake	21-Aug-09	VDB
Pyrausta onythesalis	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
Pyrausta onythesalis	TULSA: Sand Springs, 3 mi W	21-May-09	JFF
Pyrausta onythesalis at light, photo	CLEVELAND: Norman	01-Aug-09	VDB
Pyrausta rubricalis	TULSA: Sand Springs, 3 mi W	12-Sep-08	JFF
Pyrausta rubricalis 2, at BL	CHEROKEE: TNC Nickel Preserve, HQ area	23-Jul-09	F-N
Pyrausta tyralis	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	19-Jun-09	JFF
Samea baccatalis	CHOCTAW: Hugo Lake SP	18-Apr-09	JMN
Samea baccatalis	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09	JFF
Samea ecclesialis at BL, photo, det. BoL STATE	TULSA: Sand Springs, 3 mi W	01-Nov-08	JFF
Samea ecclesialis	TULSA: Sand Springs, 3 mi W	10-Mar-09	JFF

Samea ecclesialis 3, at BL	MCCURTAIN: Little River NWR, Unit 2	08-May-09	F-N
Saucrobotys futilalis	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09	JFF
Sericopлага externalis 4, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
Spoladea recurvalis photo	MCCURTAIN: Red Slough, Otter Lake	10-Oct-09	BAH
Synclita oblitalis 6, at BL	MCCURTAIN: Little River NWR, Unit 2	08-May-09	F-N
Synclita oblitalis	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	19-Jun-09	JFF
Udea rubigalis 2, at BL	MCCURTAIN: Little River NWR, Unit 2	08-May-09	F-N
Udea rubigalis	CHEROKEE: TNC Nickel Preserve, HQ area	23-Jul-09	F-N
Uresiphita reversalis 2, at BL	CHEROKEE: TNC Nickel Preserve, HQ area	19-Aug-09	JFF
Urola nivalis 2, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
Urola nivalis photo	MCCURTAIN: Mt. Herman, 5 mi W	21-May-09	BAH
Vaxi critica	CHEROKEE: TNC Nickel Preserve, HQ area	19-Aug-09	JFF
PYRALIDAE			
Pyralis disciferalis 3, at BL	MCCURTAIN: Little River NWR, Unit 2	08-May-09	F-N
Pyralis disciferalis	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09	JFF
Aglossa cuprina	MCCURTAIN: Little River NWR, Unit 2	08-May-09	F-N
Parachma ochracealis photo	COMANCHE: Wichita Mountains NWR, Doris Cmpgrd	21-May-09	VDB
Parachma ochracealis	TULSA: Sand Springs, 3 mi W	01-Jun-09	JFF
Galasa nigrinodis	MCCURTAIN: Little River NWR, Unit 2	08-May-09	F-N
Tosale oviplagalis at BL, photo, STATE	MCCURTAIN: Little River NWR, Unit 2	08-May-09	F-N
Tosale oviplagalis at BL, photo	WASHINGTON: Bartlesville	26-Jul-09	MJD
Satole sacculana	CHOCTAW: Hugo Lake SP	18-Apr-09	JMN
Satole sacculana at lights, photo	CLEVELAND: Norman	01-Jul-09	VDB
Sciota rubescentella photo STATE	WASHINGTON: Bartlesville	10-Sep-09	MAJ
Sciota subfuscella at BL, photo, det. BoL STATE	WASHINGTON: Bartlesville	08-May-09	MJD
Arta olivalis	CHEROKEE: TNC Nickel Preserve, HQ area	23-Jul-09	F-N
Macalla superatalis 2, at BL	MCCURTAIN: Little River NWR, Unit 2	08-May-09	F-N
Macalla superatalis	TULSA: Sand Springs, 3 mi W	01-Jun-09	JFF
Macalla zelleri	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	19-Jun-09	JFF
Macalla zelleri	CADDO: Red Rock Canyon SP	28-Jul-09	CCG
Macalla zelleri	CHEROKEE: TNC Nickel Preserve, HQ area	19-Aug-09	JFF
Oreana unicolorella det. BoL STATE	WASHINGTON: Bartlesville	20-Jul-09	MJD
Pococera melanogrammos	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
Pococera militella at BL, photo, det. BoL	WASHINGTON: Bartlesville	23-Apr-09	MJD
Pococera scortealis at BL STATE	WASHINGTON: Bartlesville	26-May-09	MJD
Pococera subcanalis at light, photo	CLEVELAND: Norman	05-Aug-09	VDB
Achroia grisella at BL STATE	WASHINGTON: Bartlesville	28-Sep-08	MJD
Omphalocera munroei	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	19-Jun-09	JFF
Aphomia terrenella at BL, photo, det. BoL - DNA match STATE	WASHINGTON: Bartlesville	26-May-09	MJD
Acrobasis comptoniella 3, at BL STATE	WASHINGTON: Bartlesville	30-May-09	MJD
Acrobasis indigenella	WASHINGTON: Bartlesville	18-Jun-09	MJD
Acrobasis kearfottella det. BoL STATE	WASHINGTON: Bartlesville	18-Jun-09	MJD
Acrobasis minimella det. BoL STATE	WASHINGTON: Bartlesville	30-Jul-09	MJD

<i>Acrobasis nuxvorella</i> det. BoL	WASHINGTON: Bartlesville	09-Jun-09		MJD
<i>Acrobasis palliolella</i>	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09		F-N
<i>Acrobasis palliolella</i>	MCCURTAIN: Little River NWR, Unit 2	08-May-09		F-N
<i>Anagasta kuehniella</i> STATE RECORD; photo; det. BoL	WASHINGTON: Bartlesville	21-Apr-09		MJD
<i>Pimodes caliginosus</i> 3, at BL	CHEROKEE: TNC Nickel Preserve, HQ area	19-Aug-09		JFF
<i>Pimodes caliginosus</i>	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09		JFF
<i>Salebriaria atratella</i> det. BoL	WASHINGTON: Bartlesville	26-Jul-09		MJD
<i>Salebriaria fructetella</i> at BL, photo	WASHINGTON: Bartlesville	26-Jul-09		MJD
<i>Salebriaria simplicicella</i> det. Brian Scholtens	WASHINGTON: Bartlesville	18-Aug-09		MJD
<i>Salebriaria tenebrosella</i> at light, photo, det BoL STATE	WASHINGTON: Bartlesville	31-Jul-09		MJD
<i>Meroptera viatella</i>	TULSA: Sand Springs, 3 mi W	26-May-09		JFF
<i>Tiascala reductella</i> 2, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09		F-N
<i>Dioryctria amatella</i> at BL, photo	WASHINGTON: Bartlesville	12-Jul-09		MJD
<i>Dioryctria amatella</i>	LATIMER: Robbers Cave SP	18-Sep-09		JMN
<i>Macrorrhinia endonephele</i> STATE RECORD; photo; det. BoL	WASHINGTON: Bartlesville	25-Aug-09		MJD
<i>Dolichomia binodulalis</i> at BL, photo STATE	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	19-Jun-09		JFF
<i>Dolichomia binodulalis</i>	LATIMER: Robbers Cave SP	18-Sep-09		JMN
<i>Dolichomia olinalis</i> photo	COMANCHE: Wichita Mountains NWR, Doris Cmpgrd	21-May-09		VDB
<i>Dolichomia olinalis</i> at BL, photo	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09		JAP
<i>Dolichomia olinalis</i> 2, at BL	LATIMER: Robbers Cave SP	18-Sep-09		BJS
<i>Homoeosoma deceptorium</i> 2, at BL	CHEROKEE: TNC Nickel Preserve, HQ area	19-Aug-09		JFF
<i>Homoeosoma stypticellum</i> STATE RECORD; photo; det. BoL	WASHINGTON: Bartlesville	18-May-09		MJD
<i>Phycitodes albatella reliquella</i> STATE RECORD; photo	WASHINGTON: Bartlesville	01-Nov-08		MJD
<i>Eulogia ochrifrontella</i>	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09		F-N
<i>Ephesiodes gilvescentella</i> at BL, photo STATE	WASHINGTON: Bartlesville	07-Mar-09		MJD
<i>Caudellia apyrella</i> at BL, photo	WASHINGTON: Bartlesville	01-Oct-08		MJD
<i>Peoria approximella</i>	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09		JFF
<i>Peoria longipalpella</i> at BL, photo, Det. BoL & P. Herbert STATE	WASHINGTON: Bartlesville	12-Sep-09		MJD
<i>Toripalpus breviornatalis</i> 2, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09		JFF
PTEROPHORIDAE				
<i>Platyptilia carduidactyla</i> at light, photo	CLEVELAND: Norman	08-Apr-09		VDB
<i>Oidaematophorus inquinatus</i> at BL, photo, det. BoL STATE	WASHINGTON: Bartlesville	01-Sep-08		MJD
<i>Emmelina monodactyla</i>	TULSA: Sand Springs, 3 mi W	06-Mar-09		JFF
SESIIDAE				
<i>Vitacea polistiformis</i> photo by Mike Magsig	CLEVELAND: Norman	20-Jun-09		JFF
<i>Vitacea scepisiformis</i> shortgrass prairie assoc., 4091' elev., 11PM STATE	OKLAHOMA: Edmond, S. end of Edmond Blvd at Ridgecrest Rd	25-Jun-08	27-Jun-08	CEH
<i>Melittia cucurbitae</i> 2, in garden	ROGERS: Owasso, 4 mi E	29-Oct-08		KCW
<i>Melittia grandis</i> on Cucurbita foetidissima, 2180' elev, 8AM	ELLIS: Arnett, 3.5 mi N along Hwy 83	23-Jun-08		CEH
<i>Synanthedon rileyana</i> at BL, photo STATE	TEXAS: Texhoma	16-Sep-08		KFS

CHOREUTIDAE

Brenthia pavonacella	TULSA: Sand Springs, 3 mi W	09-Aug-09	JFF
Prochoreutis inflatella at BL, photo STATE	WASHINGTON: Bartlesville	22-Apr-09	MJD

ZYGAENIDAE

Harrisina metallica photo	BEAVER: Beaver Dunes SP	26-May-09	VDB
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LACTURIDAE

Lactura basistriga at light, photo	CLEVELAND: Norman	05-Mar-09	VDB
Lactura basistriga	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
Lactura psammitis	CHOCTAW: Hugo Lake SP	18-Apr-09	JMN
Lactura psammitis at light, photo	CLEVELAND: Norman	01-May-09	VDB
Lactura psammitis	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	19-Jun-09	JFF

MEGALOPYGIDAE

Lagoa crispata 4, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	19-Jun-09	JFF
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COSSIDAE

Prionoxystus macmurtrei at BL, photo STATE	WASHINGTON: Bartlesville	04-Apr-09	MJD
Prionoxystus robiniae 2, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	19-Jun-09	JFF

LIMACODIDAE

Tortricidia testacea at BL, photo	WASHINGTON: Bartlesville	25-Aug-08	MJD
Lithacodes fasciola at light	ROGERS: Owasso, 4 mi E	19-Jul-08	KCW
Lithacodes fasciola	CHEROKEE: TNC Nickel Preserve, HQ area	19-Aug-09	JFF
Apoda y-inversum	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	19-Jun-09	JFF
Prolimacodes badia 2, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
Natada nasoni	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	19-Jun-09	JFF
Isa textula at BL STATE	MCCURTAIN: Little River NWR, Unit 2	08-May-09	F-N
Adoneta spinuloides	MCCURTAIN: Little River NWR, Unit 2	08-May-09	F-N
Monoleuca semifascia	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	19-Jun-09	JFF
Euclea delphinii	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
Euclea delphinii at light, photo	CLEVELAND: Norman	02-Jun-09	VDB

TORTRICIDAE

Episimus argutanus at BL, photo STATE	WASHINGTON: Bartlesville	05-Aug-09	MJD
Bactra furfurana at lights, photo	CLEVELAND: Norman	01-Jul-09	VDB
Bactra maiorina at BL, det. BoL STATE	WASHINGTON: Bartlesville	02-Aug-09	MJD
Bactra verutana	TULSA: Sand Springs, 3 mi W	25-Oct-08	JFF
Lobesia liriodendrana	TULSA: Sand Springs, 3 mi W	13-Jun-09	JFF
Lobesia viteana at BL, photo	WASHINGTON: Bartlesville	20-Aug-08	MJD
Endothenia montanana det. BoL STATE	WASHINGTON: Bartlesville	01-Aug-09	MJD
Zomaria interruptolineana at BL STATE	WASHINGTON: Bartlesville	19-Jun-09	MJD
Orthotaenia undulana at BL, photo, DNA match-BoL STATE	TULSA: Sand Springs, 3 mi W	21-May-09	JFF
Olethreutes baccatanum det. BoL STATE	WASHINGTON: Bartlesville	14-May-09	MJD
Olethreutes cespitana at BL, photo STATE	WASHINGTON: Bartlesville	06-Oct-08	MJD
Olethreutes deprecatoria at BL STATE	WASHINGTON: Bartlesville	20-Sep-09	MJD
Olethreutes tilianum at BL STATE	WASHINGTON: Bartlesville	02-Jul-09	MJD
Hedya chionosema at BL, photo STATE	WASHINGTON: Bartlesville	20-May-09	MJD

Rhyacionia bushnelli at BL, photo STATE	WASHINGTON: Bartlesville	10-Jun-09		MJD
Rhyacionia frustrana det. BoL	WASHINGTON: Bartlesville	10-Jun-09		MJD
Phaneta kiscana at BL, photo STATE	WASHINGTON: Bartlesville	23-Aug-09		MJD
Phaneta ochrocephala at BL, photo STATE	WASHINGTON: Bartlesville	21-Aug-09		MJD
Phaneta parmatana at BL, photo, det. BoL	WASHINGTON: Bartlesville	10-Sep-08		MJD
Phaneta radiatana at BL STATE	WASHINGTON: Bartlesville	15-Jun-09		MJD
Phaneta striatana at BL, phjoto	WASHINGTON: Bartlesville	23-May-09		MJD
Eucosma agassizii shortgrass prairie assoc., 4091' elev., 11PM	CIMARRON: Castaneda, N on Hwy 287 at state line	28-Jun-08		CEH
Eucosma agricolana at light, photo, det BoL STATE	WASHINGTON: Bartlesville	29-Jul-09		MJD
Eucosma consobrinana at BL, photo, det. BoL STATE	WASHINGTON: Bartlesville	11-Aug-08		MJD
Eucosma conspiciendana 3 STATE	CIMARRON: Castaneda, N on Hwy 287 at state line	28-Jun-08		CEH
Eucosma floridana det. BoL STATE	WASHINGTON: Bartlesville	23-Jul-09		MJD
Eucosma glomerana at BL, photo	WASHINGTON: Bartlesville	15-Aug-08		MJD
Eucosma matutina at light, photo	CLEVELAND: Norman	30-Jun-09		VDB
Eucosma matutina at BL, photo	WASHINGTON: Bartlesville	26-Jul-09		MJD
Eucosma nandana det. BoL STATE	WASHINGTON: Bartlesville	28-Jul-09		MJD
Eucosma persolita	TULSA: Sand Springs, 3 mi W	18-Sep-08		JFF
Eucosma persolita	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09		JFF
Eucosma robinsonana at light, photo	CLEVELAND: Norman	01-Jun-09		VDB
Eucosma rusticana det. BoL STATE	WASHINGTON: Bartlesville	15-Jun-09		MJD
Pelochrista argenteana shortgrass prairie assoc., 4091' elev., 11PM STATE	CIMARRON: Castaneda, N on Hwy 287 at state line	28-Jun-08		CEH
Epiblema scudderiana	PONTOTOC: TNC Pontotoc Ridge Preserve	01-May-09		F-N
Epiblema scudderiana	MCCURTAIN: Little River NWR, Unit 2	08-May-09		F-N
Epiblema strenuana 2, at BL	OSAGE: TNC Tallgrass Prairie Preserve, Foreman's House	26-Jun-09		JMN
Epiblema strenuana	CHEROKEE: TNC Nickel Preserve, HQ area	23-Jul-09		F-N
Epiblema tripartitana det. BoL	WASHINGTON: Bartlesville	24-May-09		MJD
Gypsonoma salicicolana	TULSA: Sand Springs, 3 mi W	22-May-09		JFF
Gypsonoma substitutionis at BL, photo STATE	WASHINGTON: Bartlesville	08-May-09		MJD
Proteoteras willingana at lights, photo STATE	WASHINGTON: Bartlesville	31-May-09		MJD
Pseudexentera cressoniana at BL, photo, det. BoL STATE	WASHINGTON: Bartlesville	21-Apr-09		MJD
Pseudexentera spoliata at BL, photo, Det. BoL STATE	WASHINGTON: Bartlesville	01-Apr-09		MJD
Gretchena bolliana at BL STATE	TULSA: Sand Springs, 3 mi W	01-Nov-08	05-Nov-08	JFF
Gretchena bolliana at light, photo	CLEVELAND: Norman	01-Aug-09		VDB
Rhopobota dietziana	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	19-Jun-09		JFF
Rhopobota finitiimana at light, photo STATE	WASHINGTON: Bartlesville	22-Jun-08		MJD
Epinotia celtisana at lights, photo STATE	WASHINGTON: Bartlesville	06-Mar-09		MJD
Epinotia zandana at BL, photo STATE	WASHINGTON: Bartlesville	09-Sep-08		MJD
Ancylys divisana at BL, photo STATE	WASHINGTON: Bartlesville	11-Sep-09		MJD

Ancylis laciniana at BL, photo STATE	WASHINGTON: Bartlesville	15-May-09	MJD
Ancylis platanana	TULSA: Sand Springs, 3 mi W	16-Jun-09	JFF
Ancylis tenebrica at BL, photo, STATE	WASHINGTON: Bartlesville	03-Sep-08	MAJ
Hystrichophora vestaliana	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	19-Jun-09	JFF
Hystrichophora vestaliana	OSAGE: TNC Tallgrass Prairie Preserve	27-Jun-09	JFF
Goditha bumeliana at BL, photo STATE	WASHINGTON: Bartlesville	09-Jun-09	MJD
Pammene felicitana at BL, phjoto STATE	WASHINGTON: Bartlesville	23-May-09	MJD
Pammene felicitana	TULSA: Sand Springs, 3 mi W	26-May-09	JFF
Larisa subsolana	TULSA: Sand Springs, 3 mi W	26-May-09	JFF
Grapholita packardi at BL, phjoto STATE	WASHINGTON: Bartlesville	22-Aug-08	MJD
Cydia albimaculana at BL STATE	WASHINGTON: Bartlesville	08-May-09	MJD
Cydia gallaesaliciana at BL, photo STATE	WASHINGTON: Bartlesville	12-Jun-09	MJD
Cydia lacustrina at BL, photo,det. BoL - DNA match STATE	WASHINGTON: Bartlesville	16-Apr-09	MJD
Cydia latiferreanus 2, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09	JFF
Cydia latiferreanus 3, at BL	LATIMER: Robbers Cave SP	18-Sep-09	JMN
Cydia multilinea photo STATE	TULSA: Sand Springs, 3 mi W	01-Jun-09	JFF
Cydia nigricana det. BoL STATE	WASHINGTON: Bartlesville	26-Apr-09	MJD
Croesia semipurpurana at BL, photo, Det. Bol	WASHINGTON: Bartlesville	23-May-09	MJD
Pandemis limitata at BL, photo, Det. BoL - DNA	WASHINGTON: Bartlesville	22-Sep-08	MJD
Pandemis limitata 4, at BL	LATIMER: Robbers Cave SP	18-Sep-09	JMN
Argyrotaenia velutinana at light, photo	CLEVELAND: Norman	01-Jun-09	VDB
Choristoneura fractivittana	CHEROKEE: TNC Nickel Preserve, HQ area	23-Jul-09	F-N
Choristoneura obsoletana at BL, photo STATE	WASHINGTON: Bartlesville	13-Sep-09	MJD
Choristoneura rosaceana at light, photo	CLEVELAND: Norman	01-May-09	VDB
Choristoneura rosaceana	MCCURTAIN: Little River NWR, Unit 2	08-May-09	F-N
Cudonigera houstonana at BL, photo	WASHINGTON: Bartlesville	08-Nov-09	MJD
Archips argyrospila at BL, phjoto	WASHINGTON: Bartlesville	26-May-09	MJD
Archips grisea 6, at BL	MCCURTAIN: Little River NWR, Unit 2	08-May-09	F-N
Archips semiferana at BL, photo	WASHINGTON: Bartlesville	02-Jun-09	MJD
Clepsis consimilana at BL STATE	WASHINGTON: Bartlesville	19-Aug-09	MAJ
Ptycholoma peritana	TULSA: Sand Springs, 3 mi W	14-Jun-09	JFF
Ptycholoma peritana at light	ROGERS: Owasso, 4 mi E	02-Jul-09	KCW
Ptycholoma peritana	CHEROKEE: TNC Nickel Preserve, HQ area	19-Aug-09	JFF
Ptycholoma virescana 3, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
Ptycholoma virescana 2, at BL	LATIMER: Robbers Cave SP	18-Sep-09	BJS
Adoxophyes negundana at lights, photo	CLEVELAND: Norman	06-Nov-08	VDB
Sparganothis caryae 2, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	19-Jun-09	JFF
Sparganothis lentiginosana 3, at BL	TULSA: Sand Springs, 3 mi W	07-May-09	JFF
Sparganothis lentiginosana	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	19-Jun-09	JFF

Sparganothis niveana 3, at BL	MCCURTAIN: Little River NWR, Unit 2	08-May-09	F-N
Sparganothis pulcherrimana	TULSA: Sand Springs, 3 mi W	30-May-09	JFF
Sparganothis sulfureana	LATIMER: Robbers Cave SP	18-Sep-09	BJS
Platynota flavedana	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
Platynota flavedana	CHEROKEE: TNC Nickel Preserve, HQ area	23-Jul-09	F-N
Platynota idaeusalis	TULSA: Sand Springs, 3 mi W	03-May-09	JFF
Aethes angulatana photo	WASHINGTON: Bartlesville	16-Aug-09	MJD
Aethes argentilimitana	TULSA: Sand Springs, 3 mi W	14-Jun-09	JFF
Aethes promptana	WASHINGTON: Bartlesville	10-Sep-08	MJD
STATE RECORD			
Aethes sexdentata	TULSA: Sand Springs, 3 mi W	20-May-09	JFF
Aethes seriatana	TULSA: 3 mi W of Sand Springs	17-Apr-09	JFF
Cochylis ringsi	TULSA: Bixby	23-May-09	JMN
Cochylis ringsi	CHEROKEE: TNC Nickel Preserve, HQ area	19-Aug-09	JFF
Carolella erigeronana at BL STATE	MCCURTAIN: Little River NWR	08-May-09	F-N
GEOMETRIDAE			
Protitame virginalis at BL, photo, DNA match-BoL	WASHINGTON: Bartlesville	02-Sep-08	MJD
Eumacaria madopata photo	CLEVELAND: Norman	08-May-09	VDB
Eumacaria madopata	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09	JFF
Macaria aequiferaria at BL, photo	WASHINGTON: Bartlesville	21-Aug-08	MJD
Macaria aequiferaria at light, photo	CLEVELAND: Norman	21-Mar-09	VDB
Macaria aequiferaria	LATIMER: Robbers Cave SP	18-Sep-09	JMN
Macaria bicolorata at BL, photo	WASHINGTON: Bartlesville	22-Mar-09	MJD
Macaria bicolorata 7, at BL	LATIMER: Robbers Cave SP	18-Sep-09	BJS
Macaria multilineata 3, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
Macaria promiscuata at light, photo	CLEVELAND: Norman	21-Mar-09	VDB
Macaria promiscuata	DELAWARE: Natural Falls SP	22-Apr-09	F-N
Macaria promiscuata	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
Macaria pustularia at light, photo	CLEVELAND: Norman	01-May-09	VDB
Digrammia ocellinata at porch light	ROGERS: Owasso, 4 mi E	14-Jul-08	KCW
Digrammia ordinata 2, at BL	OSAGE: TNC Tallgrass Prairie Preserve, Foreman's House	26-Jun-09	JMN
Digrammia pallidata 3, at BL	LEFLORE: Lake Wister SP	03-May-08	JMN
Enconista dislocaria 8, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
Mellilla xanthometata	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09	JFF
Narraga fimetaria	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	19-Jun-09	JFF
Narraga fimetaria	CHEROKEE: TNC Nickel Preserve, HQ area	19-Aug-09	JFF
Pimaphera sparsaria	CHEROKEE: TNC Nickel Preserve, HQ area	19-Aug-09	JFF
Glena grisearia at BL, photo, STATE	CHEROKEE: TNC Nickel Preserve, HQ area	19-Aug-09	JFF
Tornos scolopacinaris at light, photo	CLEVELAND: Norman, Nat'l Weather Ctr	19-Mar-09	VDB
Tornos scolopacinaris photo, at lights	PAWNEE: Lake Keystone, Peninsula area	24-Jul-09	PWR
Tornos scolopacinaris	LATIMER: Robbers Cave SP	18-Sep-09	BJS
Anacamptodes defectaria 4, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
Anacamptodes defectaria at lights, photo	PAWNEE: Keystone Lake, Peninsula area	27-Jul-09	PWR
Anacamptodes defectaria	LATIMER: Robbers Cave SP	18-Sep-09	JMN
Anacamptodes humaria	TULSA: Sand Springs, 3 mi W	08-Mar-09	JFF
Anacamptodes humaria 4, at BL	OSAGE: TNC Tallgrass Prairie Preserve, Foreman's House	26-Jun-09	JMN

Ectropis crepuscularia	TULSA: Sand Springs, 3 mi W	06-Mar-09	JFF
Ectropis crepuscularia 6, at BL	CHEROKEE: TNC Nickel Preserve, HQ area	23-Jul-09	F-N
Melanochroia chephise photo	OKMULGEE: Henryetta	13-Nov-07	CSL
Hypagyrtis esther 2, at BL	LATIMER: Robbers Cave SP	18-Sep-09	BJS
Hypagyrtis unipunctata 2, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09	JFF
Hypagyrtis unipunctata 2, at BL	LATIMER: Robbers Cave SP	18-Sep-09	BJS
Lomographa vestaliata 3, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
Lomographa vestaliata	LATIMER: Robbers Cave SP	18-Sep-09	BJS
Erastria coloraria	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
Thysanopyga intractata 2, at BL	LATIMER: Robbers Cave SP	18-Sep-09	BJS
Episemasia cervinaria at BL, photo STATE	WASHINGTON: Bartlesville	17-Mar-09	MJD
Euchlaena amoenaria 3, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
Euchlaena madusaria	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09	JFF
Euchlaena obtusaria	ROGERS: Red Bud Valley Nature Preserve	15-Apr-09	F-N
Euchlaena obtusaria	MCCURTAIN: Little River NWR, Unit 2	08-May-09	F-N
Xanthotype attenuaria at BL, photo STATE	WASHINGTON: Bartlesville	05-Oct-08	23-May-09 MJD
Xanthotype urticaria	MCCURTAIN: Little River NWR, Unit 2	08-May-09	F-N
Pero honestaria	TULSA: Sand Springs, 3 mi W	15-Jun-09	JFF
Nacophora quemaria	TULSA: Sand Springs, 3 mi W	17-Jun-09	JFF
Ennomos subsignaria at BL STATE	WASHINGTON: Bartlesville	15-Jun-09	MJD
Metanema inatomaria	OSAGE: TNC Tallgrass Prairie Preserve, Foreman's House	26-Jun-09	JMN
Probole alienaria at BL, phjoto	WASHINGTON: Bartlesville	25-May-09	MJD
Probole amicaria 2, at BL	CHEROKEE: TNC Nickel Preserve, HQ area	23-Jul-09	F-N
Probole amicaria	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09	JFF
Plagodis fervidaria	CHEROKEE: TNC Nickel Preserve, HQ area	23-Jul-09	F-N
Lychnosea intermicata at porch lights	ROGERS: Owasso, 4 mi E	04-Oct-08	KCW
Eusarca confusaria photo	COMANCHE: Wichita Mountains NWR, Doris Cmpgrd	21-May-09	VDB
Eusarca packardaria at porch light	ROGERS: Owasso, 4 mi E	06-Sep-08	KCW
Eutrapela clemataria at lights	ROGERS: Owasso, 4 mi E	02-Jul-09	KCW
Patalene olyzonaria	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	19-Jun-09	JFF
Patalene olyzonaria photo, at lights	PAWNEE: Lake Keystone, Peninsula area	24-Jul-09	PWR
Patalene olyzonaria	LATIMER: Robbers Cave SP	18-Sep-09	JMN
Dichorda iridaria	CHEROKEE: TNC Nickel Preserve, HQ area	19-Aug-09	JFF
Dichorda rectoria	TULSA: Sand Springs, 3 mi W	10-May-09	JFF
Dichorda rectoria 2, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09	JFF
Synchlora aerata 2, at BL	MCCURTAIN: Little River NWR	08-May-09	F-N
Synchlora aerata	OSAGE: TNC Tallgrass Prairie Preserve, Foreman's House	26-Jun-09	JMN
Synchlora aerata 2, at BL	LATIMER: Robbers Cave SP	18-Sep-09	BJS
Chlorochlamys chloroleucaria at lights, photo	CIMARRON: Black Mesa SP	25-May-09	VDB
Chloropteryx tepperaria 2, at BL STATE	MCCURTAIN: Little River NWR, Unit 2	08-May-09	F-N
Euacidalia sericearia 3, at BL	OSAGE: TNC Tallgrass Prairie Preserve, foreman's House	26-Jun-09	JMN
Euacidalia sericearia at BL, photo	WASHINGTON: Bartlesville	04-Aug-09	MJD
Lobocleta peralbata det. BoL	WASHINGTON: Bartlesville	03-Jun-09	MJD

Lobocleta peralbata 3, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09	JFF
Lobocleta plemyraria	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09	JFF
Idaea demissaria at lights, photo	PAWNEE: Lake Keystone, Peninsula area	31-Jul-09	PWR
Idaea demissaria 2, at BL	LATIMER: Robbers Cave SP	18-Sep-09	BJS
Idaea obfusaria	TULSA: Sand Springs, 3 mi W	30-Jul-09	JFF
Idaea scintillularia photo STATE	WASHINGTON: Bartlesville	09-Aug-09	MJD
Pleuroprucha insulsaria	MCCURTAIN: Little River NWR, Unit 2	08-May-09	F-N
Pleuroprucha insulsaria 2, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	19-Jun-09	JFF
Cyclophora packardi at light, photo	CLEVELAND: Norman	21-Mar-09	VDB
Cyclophora packardi	CHEROKEE: TNC Nickel Preserve, HQ area	19-Aug-09	JFF
Cyclophora packardi	LATIMER: Robbers Cave SP	18-Sep-09	JMN
Cyclophora pendulinaria	LATIMER: Robbers Cave SP	18-Sep-09	JMN
Scopula limboundata	LATIMER: Robbers Cave SP	18-Sep-09	JMN
Leptostales rubromarginaria 7, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
Lophosis labeculata	MCCURTAIN: Little River NWR, Unit 2	08-May-09	F-N
Eulithis diversilineata	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	19-Jun-09	JFF
Eulithis gracilineata at BL, det. BoL	WASHINGTON: Bartlesville	21-Jun-09	MJD
Eulithis gracilineata	LATIMER: Robbers Cave SP	18-Sep-09	BJS
Hydriomena pluviata det. BoL	WASHINGTON: Bartlesville	18-Mar-09	MJD
Anticlea multiferata	TULSA: Sand Springs, 3 mi W	08-Apr-09	JFF
Orthonama centrostrigaria at light, photo	CLEVELAND: Norman	04-Mar-09	VDB
Orthonama centrostrigaria photo	CANADIAN: Yukon, I- 40 & Mustang Rd	13-May-09	VDB
Orthonama centrostrigaria 12+, at BL, observed - not collected in error	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09	JFF
Disclisioprocta stellata 3, at BL	CHEROKEE: TNC Nickel Preserve, HQ area	19-Aug-09	JFF
Disclisioprocta stellata	LATIMER: Robbers Cave SP	18-Sep-09	JMN
Eubaphe unicolor	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
Eupithecia miserulata at porch light	ROGERS: Owasso, 4 mi E	29-Jun-08	KCW
Eupithecia miserulata	MCCURTAIN: Little River NWR, Unit 2	08-May-09	F-N
Eupithecia swettii at BL, photo, det. BoL	WASHINGTON: Bartlesville	19-Apr-09	MJD
Heterophleps triguttaria	MCCURTAIN: Little River NWR, Unit 2	08-May-09	F-N
MIMALLONIDAE			
Lacosoma chiridota at light, photo	WASHINGTON: Bartlesville	01-Aug-08	MJD
Lacosoma chiridota 2, at BL	CHOCTAW: Hugo Lake SP	18-Apr-09	JMN
Lacosoma chiridota 2, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
Lacosoma chiridota	MCCURTAIN: Little River NWR, Unit 2	08-May-09	F-N
Cicinnus melsheimeri at BL, photo	WASHINGTON: Bartlesville	10-Jun-09	MJD
SATURNIIDAE			
Sphingicampa bicolor photo	CLEVELAND: Norman	27-Apr-09	VDB
Sphingicampa bicolor	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	19-Jun-09	JFF
Sphingicampa bicolor	CADDO: Red Rock Canyon SP	28-Jul-09	CCG
Anisota stigma	CHEROKEE: TNC Nickel Preserve, HQ area	23-Jul-09	F-N
Anisota virginienis larva, photo	MCCURTAIN: Red Slough WMA	20-Jul-09	WDA
Antheraea polyphemus	CARTER: Gene Autry, 5 mi W, 1 mi S	17-Mar-08	KCW
Antheraea polyphemus photo by Shannon Argo	CLEVELAND: Moore	24-Mar-09	JMN
SPHINGIDAE			
Manduca quinquemaculatus	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	19-Jun-09	JFF

Manduca quinquemaculatus at flowers, photo	PAWNEE: Keystone Lake, Peninsula area	18-Jul-09	PWR
Manduca quinquemaculatus at light, photo	CLEVELAND: Norman	04-Aug-09	VDB
Manduca rustica photo	MCCURTAIN: Broken Bow	28-Jul-09	BAH
Manduca rustica photo by Kara Chistiakov	CLEVELAND: Norman	04-Aug-09	JMN
Manduca rustica	CHEROKEE: TNC Nickel Preserve, HQ area	19-Aug-09	JFF
Manduca rustica larva, photo	ROGERS: Owasso, 4 mi E	03-Oct-09	KCW
Manduca sexta photo by Kara Chistiakov	CLEVELAND: Norman	02-Sep-09	JMN
Ceratonia amyntor photo, larva	MCCURTAIN: Beavers Bend SP	29-Aug-09	WDA
Ceratonia hageni 4, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
Ceratonia undulosa 2, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	19-Jun-09	JFF
Ceratonia undulosa at lights, photo	PAWNEE: Keystone Lake, Peninsula area	16-Jul-09	PWR
Paratreia plebeja at BL, photo	WASHINGTON: Bartlesville	13-Aug-09	MJD
Sphinx libocedrus	Caddo: Red Rock Canyon SP	28-Jul-09	CCG
Sphinx vashti 2, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
Paonias excaecata Photo, ovipositing in jar in garage	CLEVELAND: Norman	05-Jun-09	RJJ
Aellopos titan photo	ROGERS: Owasso, 4 mi E	22-Oct-09	KCW
Hemaris thysbe	SEQUOYAH: Nicut area	19-Apr-08	KD
Eumorpha achemon at lights, photo	PAWNEE: Lake Keystone, Peninsula area	31-Jul-09	PWR
Eumorpha fasciatus photo by Ryan VanZant	WASHINGTON: Bartlesville	14-Sep-09	MAJ
Eumorpha pandorus photo at motel light by A Grenier & B Pugh	WASHITA: Carnegie	23-May-09	JFF
Eumorpha pandorus at light, photo	CLEVELAND: Norman	05-Aug-09	VDB
Amphion floridensis photo	ALFALFA: Salt Plains NWR, Sand Creek Bay	29-Jun-09	JWA
Darapsa choerilus	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
Darapsa choerilus at lights, photo	CLEVELAND: Norman	01-Jul-09	VDB
Darapsa myron	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
Darapsa myron at lights, photo	PAWNEE: Lake Keystone, Peninsula area	01-Aug-09	PWR
NOTODONTIDAE			
Clostera albosigma photo	CLEVELAND: Norman, Nat'l Weather Ctr	10-Mar-09	VDB
Clostera albosigma	TULSA: Sand Springs, 3 mi W	10-Mar-09	JFF
Clostera albosigma	CADDO: Red Rock Canyon SP	28-Jul-09	CCG
Clostera inclusa at light, photo	CLEVELAND: Norman	19-Mar-09	VDB
Clostera inclusa 2, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09	JFF
Hyperaeschra georgica 2, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
Nerice bidentata at lights, photo	PAWNEE: Keystone Lake, Peninsula area	28-Jul-09	PWR
Nerice bidentata	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09	JFF
Gluphisia septentrionis at light, photo	CLEVELAND: Norman	08-May-09	VDB
Gluphisia septentrionis at light, photo	CLEVELAND: Norman	01-Jun-09	VDB
Furcula cinerea 2, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
Datana angusii	CHEROKEE: TNC Nickel Preserve, HQ area	19-Aug-09	JFF

<i>Datana angusii</i> 2, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09	JFF
<i>Datana major</i> photo, larva on <i>Cornus foemina</i>	MCCURTAIN: Narrows of the Mountain Fork River	25-Aug-09	BAH
<i>Datana perspicua</i> 2, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09	JFF
<i>Nadata gibbosa</i>	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
<i>Peridea angulosa</i>	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
<i>Peridea angulosa</i> photo	COMANCHE: Wichita Mountains NWR, Doris Cmpgrd	22-May-09	VDB
<i>Litodonta contrasta</i>	TULSA: Sand Springs, 3 mi W	17-Jun-09	JFF
<i>Litodonta hydromeli</i>	CADDO: Red Rock Canyon SP	28-Jul-09	CCG
<i>Litodonta hydromeli</i> at lights, photo	PAWNEE: Lake Keystone, Peninsula area	30-Jul-09	PWR
<i>Heterocampa obliqua</i> 2, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
<i>Heterocampa subrotata</i> 2, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
<i>Heterocampa subrotata</i>	MCCURTAIN: Little River NWR, Unit 2	08-May-09	F-N
<i>Heterocampa subrotata</i> at lights, photo	CLEVELAND: Norman	29-Jun-09	VDB
<i>Heterocampa umbrata</i> photo	COMANCHE: Wichita Mountains NWR, Doris Cmpgrd	22-May-09	VDB
<i>Heterocampa umbrata</i>	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09	JFF
<i>Heterocampa varia</i>	CHEROKEE: TNC Nickel Preserve, HQ area	23-Jul-09	F-N
<i>Lochmaeus bilineata</i>	CADDO: Red Rock Canyon SP	28-Jul-09	CCG
<i>Lochmaeus manteo</i> photo	CLEVELAND: Lake Thunderbird, north side	03-Oct-09	VDB
<i>Schizura leptinoides</i>	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09	JFF
<i>Schizura unicornis</i> at light, photo	CLEVELAND: Norman	09-Apr-09	VDB
<i>Oligocentria semirufescens</i>	LATIMER: Robbers Cave SP	18-Sep-09	BJS
<i>Oligocentria lignicolor</i>	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09	JFF
<i>Oligocentria lignicolor</i>	LATIMER: Robbers Cave SP	18-Sep-09	BJS
<i>Hyparpax aurora</i> at lights, photo	PAWNEE: Lake Keystone, Peninsula area	02-Aug-09	PWR
<i>Hippia insularis</i> at BL, photo	WASHINGTON: Bartlesville	18-Aug-09	MJD
ARCTIIDAE			
<i>Cisthene kentuckiensis</i>	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09	JFF
<i>Cisthene packardii</i> 2, at BL	MCCURTAIN: Little River NWR, Unit 2	08-May-09	F-N
<i>Cisthene packardii</i>	LATIMER: Robbers Cave SP	18-Sep-09	JMN
<i>Cisthene plumbea</i>	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09	JFF
<i>Cisthene plumbea</i>	LATIMER: Robbers Cave SP	18-Sep-09	JMN
<i>Cisthene tenuifascia</i>	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
<i>Cisthene tenuifascia</i> 2, at BL	LATIMER: Robbers Cave SP	18-Sep-09	BJS
<i>Cisthene unifascia</i> photo	COMANCHE: Wichita Mountains NWR, Doris Cmpgrd	21-May-09	VDB
<i>Cisthene unifascia</i>	TULSA: Sand Springs, 3 mi W	24-May-09	JFF
<i>Lycomorpha pholus</i> photo	TEXAS: Texhoma	12-Jul-08	KFS
<i>Hypoprepia fucosa</i> at light in AM, photo	PAWNEE: Keystone Lake, Peninsula area	14-Jun-08	PWR
<i>Hypoprepia fucosa</i>	LATIMER: Robbers Cave SP	18-Sep-09	BJS
<i>Hypoprepia fucosa</i>	LATIMER: Robbers Cave SP	18-Sep-09	JMN
<i>Holomelina costata</i>	LATIMER: Robbers Cave SP	18-Sep-09	JMN
<i>Holomelina fragilis</i> at BL, photo STATE	WASHINGTON: Bartlesville	23-May-09	MJD
<i>Holomelina laeta</i>	LATIMER: Robbers Cave SP	18-Sep-09	JMN
<i>Holomelina rubicundaria</i>	CREEK: Keystone Lake, Salt Creek North RA	30-May-09	JFF
<i>Virbia opella</i>	LATIMER: Robbers Cave SP	18-Sep-09	BJS
<i>Grammia figurata</i> 2, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
<i>Grammia oithona</i>	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09	JFF
<i>Apantesis nais</i> at light, photo	CLEVELAND: Norman, Nat'l Weather Ctr	18-Mar-09 19-Mar-09	VDB

<i>Apantesis nais</i>	CADD0: Red Rock Canyon SP	28-Jul-09	CCG
<i>Apantesis phalerata</i> 5, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
<i>Apantesis phalerata</i>	LATIMER: Robbers Cave SP	18-Sep-09	BJS
<i>Pyrrharctia isabella</i>	CHEROKEE: TNC Nickel Preserve, HQ area	23-Jul-09	F-N
<i>Pyrrharctia isabella</i> larva, photo	OSAGE: Osage Hills SP	10-Oct-09	MAJ
<i>Estigmene acrea</i>	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
<i>Spilosoma congrua</i>	DELAWARE: Natural Falls SP	22-Apr-09	F-N
<i>Spilosoma dubia</i> at BL, photo STATE	WASHINGTON: Bartlesville	29-Apr-09	MJD
<i>Hypercompe scribonia</i>	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
<i>Hypercompe scribonia</i>	LATIMER: Robbers Cave SP	18-Sep-09	JMN
<i>Haploa clymene</i>	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	19-Jun-09	JFF
<i>Haploa contigua</i> photo	MCCURTAIN: Smithville, 7 mi S	01-Jun-09	BAH
<i>Haploa reversa</i> photo	CHEROKEE: Cherokee WMA	05-Jun-09	JWA
<i>Cygnia oregonensis</i> 2, at BL	OSAGE: TNC Tallgrass Prairie Preserve, Foreman's House	26-Jun-09	JMN
<i>Cygnia tenera</i> 2, at BL	CHEROKEE: TNC Nickel Preserve, HQ area	23-Jul-09	F-N
<i>Euchaetes egle</i> at light, photo	CLEVELAND: Norman	01-Aug-09	VDB
<i>Euchaetes egle</i> at BL, photo	WASHINGTON: Bartlesville	20-Aug-09	MJD
<i>Euchaetes egle</i> larva, photo	CHEROKEE: Ft. Gibson Lake Dam, 3 mi S	24-Sep-09	KCW
<i>Euchaetes polingi</i>	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09	JFF
<i>Pygarcia abdominalis</i> 2, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
<i>Pagara simplex</i> 2, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	19-Jun-09	JFF
<i>Halysidota harrisii</i> at BL, photo, Det. BoL	WASHINGTON: Bartlesville	01-Jun-09	MJD
<i>Halysidota harrisii</i> larva, photo	CHEROKEE: Cherokee WMA	16-Jul-09	KCW
<i>Halysidota tessellaris</i> at light, photo	CLEVELAND: Norman	01-May-09	VDB
<i>Halysidota tessellaris</i> larva, photo	NOWATA: 4 mi E, 1 mi N of Jct US 169 & Hwy 10	07-Oct-09	KCW
<i>Ciseps fulvicollis</i> photo	TEXAS: Texhoma	03-Oct-08	KFS
<i>Horama panthalon texana</i> at BL STATE	TEXAS: Texhoma	31-Jul-07	KFS
LYMANTRIIDAE			
<i>Dasychira tephra</i>	CHEROKEE: TNC Nickel Preserve, HQ area	23-Jul-09	F-N
<i>Orgyia definita</i> at BL, photo STATE	MCCURTAIN: Little River NWR, Unit 2	08-May-09	F-N
NOCTUIDAE			
<i>Meganola spodia</i> photo	COMANCHE: Wichita Mountains NWR, Doris Cmpgrd	21-May-09	VDB
<i>Meganola phylla</i> det. BoL STATE	WASHINGTON: Bartlesville	25-Jul-09	MJD
<i>Nola cereella</i> at light, photo	CLEVELAND: Norman	01-Jun-09	VDB
<i>Nola cereella</i>	CHEROKEE: TNC Nickel Preserve, HQ area	23-Jul-09	F-N
<i>Nola triquetrana</i> at BL, photo, det. BoL STATE	WASHINGTON: Bartlesville	25-Jul-09	MJD
<i>Characoma nilotica</i>	TULSA: Tulsa, Oxley Nature Center	26-Jun-09	JFF
<i>Nycteola metaspilella</i>	WASHINGTON: Bartlesville	15-Jun-09	MJD
<i>Baileya australis</i> 4, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
<i>Baileya australis</i>	MCCURTAIN: Little River NWR	08-May-09	F-N
<i>Baileya australis</i> at light, photo	CLEVELAND: Norman	01-Jun-09	VDB
<i>Baileya australis</i>	CHEROKEE: TNC Nickel Preserve, HQ area	23-Jul-09	F-N
<i>Baileya dormitans</i>	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	19-Jun-09	JFF

Baileya levitans	CHEROKEE: TNC Nickel Preserve, HQ area	23-Jul-09		F-N
Metalectra diabolica at BL, photo, det. BoL - DNA match	WASHINGTON: Bartlesville	24-May-09		MJD
Metalectra richardsi	MCCURTAIN: Little River NWR, Unit 2	08-May-09		F-N
Pangrapta decoralis at BL, photo	WASHINGTON: Bartlesville	22-Aug-08		MJD
Ledaea perditalis	CHEROKEE: TNC Nickel Preserve, HQ area	19-Aug-09		JFF
Idia aemula	CHEROKEE: TNC Nickel Preserve, HQ area	19-Aug-09		JFF
Idia americalis 2, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09		JFF
Idia diminuendis at BL, photo, det. BoL STATE	WASHINGTON: Bartlesville	30-May-09		MJD
Idia laurenti at BL, photo, det. BoL STATE	WASHINGTON: Bartlesville	23-Sep-09		MJD
Idia lubricalis at light, photo	CLEVELAND: Norman	01-Jun-09		VDB
Idia majoralis at BL, photo STATE	WASHINGTON: Bartlesville	25-Sep-09		MJD
Zanclognatha jacchusalis at BL STATE	TULSA: Sand Springs, 3 mi W	11-Jun-09		JFF
Zanclognatha jacchusalis	CHEROKEE: TNC Nickel Preserve, HQ area	19-Aug-09		JFF
Zanclognatha obscuripennis at BL, photo, det. BoL - DNA match STATE	CHEROKEE: TNC Nickel Preserve, HQ area	23-Jul-09		F-N
Chytolita petrealis	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09		JFF
Phalaenostola eumelusalis at BL, photo STATE	WASHINGTON: Bartlesville	10-Jul-09		MJD
Phalaenostola larentioides	ALFALFA: Salt Plains NWR	10-Oct-08		F-N
Phalaenostola larentioides 3, at BL	CHEROKEE: TNC Nickel Preserve, HQ area	23-Jul-09		F-N
Tetanolita floridana at BL, det. BoL	WASHINGTON: Bartlesville	15-Oct-08		MJD
Tetanolita mynesalis	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09		F-N
Tetanolita mynesalis 2, at BL	CHEROKEE: TNC Nickel Preserve, HQ area	23-Jul-09		F-N
Renia adspersgillus at light, photo	CLEVELAND: Norman	29-Sep-08		VDB
Renia discoloralis 2, at BL	MCCURTAIN: Little River NWR, Unit 2	08-May-09		F-N
Renia discoloralis	TULSA: Sand Springs, 3 mi W	20-May-09		JFF
Renia sobrialis 3, at BL	MCCURTAIN: Little River NWR, Unit 2	08-May-09		F-N
Renia sobrialis	TULSA: Sand Springs, 3 mi W	08-Aug-09		JFF
Palthis angulalis photo, at lights	PAWNEE: Lake Keystone, Peninsula area	24-Jul-09		PWR
Palthis angulalis	LATIMER: Robbers Cave SP	18-Sep-09		BJS
Hypena abalienalis	OSAGE: TNC Tallgrass Prairie Preserve, Foreman's House	26-Jun-09		JMN
Hypena abalienalis at BL, photo	WASHINGTON: Bartlesville	12-Jul-09		MJD
Hypena baltimoralis	LATIMER: Robbers Cave SP	18-Sep-09		JMN
Hypena humuli	TULSA: Sand Springs, 3 mi W	18-Mar-09	19-Mar-09	JFF
Hypena madefactalis	CADDO: Red Rock Canyon SP	28-Jul-09		CCG
Hypena madefactalis	CHEROKEE: TNC Nickel Preserve, HQ area	19-Aug-09		JFF
Hypena manalis photo	CHEROKEE: TNC Nickel Preserve, HQ Bldg lights	19-Aug-09		JAP
Hypena manalis	LATIMER: Robbers Cave SP	18-Sep-09		JMN
Hypena scabra	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09		F-N
Colobochyla interpuncta	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09		F-N
Melanomma auricinctaria	TULSA: Sand Springs, 3 mi W	29-May-09		JFF
Hemeroplanis historialis at BL, photo STATE	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	19-Jun-09		JFF
Spargaloma sexpunctata	CHEROKEE: TNC Nickel Preserve, HQ area	23-Jul-09		F-N
Nigetia formosalis	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	19-Jun-09		JFF
Nigetia formosalis 2, at BL	LATIMER: Robbers Cave SP	18-Sep-09		BJS
Isogona tenuis	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09		F-N
Isogona tenuis	PONTOTOC: TNC Pontotoc Ridge Preserve	01-May-09		F-N
Scolecocampa liburna	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09		JFF
Phyprosopus callitrichoides	LATIMER: Robbers Cave SP	18-Sep-09		JMN

Hypsoropha hormos 2, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
Hypsoropha hormos at lights, photo	CLEVELAND: Norman	29-Jun-09	VDB
Plusiodonta compressipalpis	CADDO: Red Rock Canyon SP	28-Jul-09	CCG
Phoberia atomaris at light, photo	CLEVELAND: Norman	06-Mar-09	VDB
Phoberia atomaris	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09	JFF
Phoberia ingenua at BL, photo, det. BoL	WASHINGTON: Bartlesville	01-Apr-09	MJD
Melipotis indomita photo	GARFIELD: Enid	16-May-09	VDB
Melipotis indomita at light, photo	CLEVELAND: Norman	28-Jun-09	VDB
Melipotis jucunda at light, photo	CLEVELAND: Norman	29-Jun-09	VDB
Melipotis jucunda	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09	JFF
Euclidia cuspidata 2, at BL	OSAGE: TNC Tallgrass Prairie Preserve, Foreman's House	26-Jun-09	JMN
Caenurgia chloropha photo	ALFALFA: Salt Plains NWR	29-Jun-09	KCW
Caenurgina crassiuscula	LATIMER: Robbers Cave SP	18-Sep-09	BJS
Mocis texana	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
Argyrostroma anilis	CADDO: Red Rock Canyon SP	28-Jul-09	CCG
Argyrostroma anilis at lights, photo	PAWNEE: Lake Keystone, Peninsula area	31-Jul-09	PWR
Panopoda carneicosta 2, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
Panopoda rufimargo 2, at BL	CHEROKEE: TNC Nickel Preserve, HQ area	23-Jul-09	F-N
Panopoda rufimargo at lights, photo	PAWNEE: Keystone Lake, Peninsula area	28-Jul-09	PWR
Panopoda rufimargo	CADDO: Red Rock Canyon SP	28-Jul-09	CCG
Matigramma inopinata at BL, photo, det. BoL STATE	WASHINGTON: Bartlesville	24-Apr-09	MJD
Matigramma pulverilinea	CADDO: Red Rock Canyon SP	28-Jul-09	CCG
Zale aeruginosa	TULSA: Sand Springs, 3 mi W	05-Aug-09	JFF
Zale calycanthata	TULSA: Sand Springs, 3 mi W	23-Jul-08	JFF
Zale galbanata at light, photo	CLEVELAND: Norman	19-Mar-09	VDB
Zale lunata	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
Euparthenos nubilis	CHEROKEE: TNC Nickel Preserve, HQ area	19-Aug-09	JFF
Catocala agrippina at light, photo	CLEVELAND: Norman	04-Aug-09	VDB
Catocala amatrix	CADDO: Red Rock Canyon SP	28-Jul-09	CCG
Catocala cara carissima photo	MCCURTAIN: Beavers Bend SP	29-Aug-09	WDA
Catocala crataegi at light	ROGERS: Owasso, 4 mi E	02-Jul-09	KCW
Catocala illecta at BL, photo	WASHINGTON: Bartlesville	14-Jun-09	MJD
Catocala nuptialis photo by Audrey Magsig	CLEVELAND: Norman	24-Jun-09	JFF
Catocala piatrix at light, photo	CLEVELAND: Norman	05-Aug-09	VDB
Catocala piatrix	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09	JFF
Catocala pretiosa	MCCURTAIN: Little River NWR, Unit 2	08-May-09	F-N
Catocala texana at BL, photo	WASHINGTON: Bartlesville	30-Jun-09	MJD
Catocala texarkana at BL, photo STATE	WASHINGTON: Bartlesville	19-Jun-09	MJD
Marathyssa inficita 2, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	19-Jun-09	JFF
Paectes pygmaea 2, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
Paectes pygmaea	CHEROKEE: TNC Nickel Preserve, HQ area	19-Aug-09	JFF
Rachiplusia ou	LATIMER: Robbers Cave SP	18-Sep-09	JMN
Autographa californica	TULSA: Sand Springs, 3 mi W	18-Mar-09	19-Mar-09 JFF

Autographa californica det. BoL	WASHINGTON: Bartlesville	23-Jul-09	MJD
Hyperstrotia secta	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
Hyperstrotia secta	MCCURTAIN: Little River NWR, Unit 2	08-May-09	F-N
Hyperstrotia villificans	MCCURTAIN: Little River NWR, Unit 2	08-May-09	F-N
Hyperstrotia villificans at BL, phjoto	WASHINGTON: Bartlesville	23-May-09	MJD
Thioptera nigrofimbria	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
Lithacodia indeterminata at BL STATE	MCCURTAIN: Little River NWR, Unit 2	08-May-09	F-N
Lithacodia muscosula 5, at BL	MCCURTAIN: Little River NWR, Unit 2	08-May-09	F-N
Lithacodia musta at light, photo	CLEVELAND: Norman	01-May-09	VDB
Argillophora furcilla at BL, photo STATE	MCCURTAIN: Little River NWR, Unit 2	08-May-09	F-N
Cerma cerintha at light, photo	CLEVELAND: Norman	02-Jun-09	VDB
Cerma cerintha	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	19-Jun-09	JFF
Cerma cerintha	CADDO: Red Rock Canyon SP	28-Jul-09	CCG
Tarachidia candefacta at light, photo	CLEVELAND: Norman	19-Mar-09	VDB
Tarachidia tortricina photo	WASHINGTON: Bartlesville	21-Aug-09	MAJ
Fruva fasciatella at BL, photo, Det. BoL - DNA STATE	WASHINGTON: Bartlesville	18-Aug-09	MJD
Therasea augustipennis photo	TEXAS: Texhoma	28-Apr-08	KFS
Acontia aprica	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
Acontia lactipennis	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09	JFF
Charadra deridens	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
Raphia abrupta	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
Acronicta afflicta	CADDO: Red Rock Canyon SP	28-Jul-09	CCG
Acronicta afflicta 3, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09	JFF
Acronicta americana at light, photo	PAWNEE: Keystone Lake, Peninsula area	05-Aug-09	PWR
Acronicta americana larva, photo	ROGERS: Owasso, 4 mi E	08-Oct-09	KCW
Acronicta betulae 2, at porch light	PAYNE: Stillwater	10-Sep-08	KCW
Acronicta betulae at lights, photo	CLEVELAND: Norman	05-Apr-09	VDB
Acronicta clarescens	TULSA: Sand Springs, 3 mi W	01-Aug-09	JFF
Acronicta connecta at porch lights	ROGERS: Owasso, 4 mi E	19-Jul-08	KCW
Acronicta connecta	CADDO: Red Rock Canyon SP	28-Jul-09	CCG
Acronicta impleta	TULSA: Sand Springs, 3 mi W	17-Jun-09	JFF
Acronicta impleta 2, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09	JFF
Acronicta inclara	LATIMER: Robbers Cave SP	18-Sep-09	JMN
Acronicta interrupta det. BoL	WASHINGTON: Bartlesville	20-Jun-09	MJD
Acronicta lithospila at BL, photo	WASHINGTON: Bartlesville	08-Jun-09	MJD
Acronicta lobeliae	CADDO: Red Rock Canyon SP	28-Jul-09	CCG
Acronicta longa at BL, photo, det. BoL	WASHINGTON: Bartlesville	17-May-09	MJD
Acronicta parallela	WASHINGTON: Bartlesville	02-Sep-08	MAJ
Acronicta pruni	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
Acronicta rubricoma	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
Acronicta rubricoma	MCCURTAIN: Little River NWR, Unit 2	08-May-09	F-N
Simyra insularis larva, photo by Bill Adams	TILLMAN: Hackberry Flat WMA	06-Sep-09	JFF
Xerociris wilsonii	CADDO: Red Rock Canyon SP	28-Jul-09	CCG
Eudryas unio at light, photo	CLEVELAND: Norman	01-Jun-09	VDB

Psychomorpha epimenis photo	MCCURTAIN: Red Slough WMA	26-Feb-09	WDA
Psychomorpha epimenis photo, larva	BEAVER: Beaver Dunes SP	26-May-09	VDB
Alypia octomaculata photo	ALFALFA: Salt Plains NWR, Sand Creek Bay	29-Jun-09	JWA
Homohadena badistriga	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	19-Jun-09	JFF
Homohadena badistriga	CADDO: Red Rock Canyon SP	28-Jul-09	CCG
Psaphida electilis at BL, photo, det. BoL	WASHINGTON: Bartlesville	23-Mar-09	MJD
Psaphida grandis	TULSA: Sand Springs, 3 mi W	05-Mar-09	JFF
Psaphida grandis at BL, photo STATE	CLEVELAND: Lake Thunderbird SP	07-Mar-09	VDB
Psaphida resumens at BL, photo, det. BoL	WASHINGTON: Bartlesville	10-Mar-09	MJD
Psaphida resumens	TULSA: Sand Springs, 3 mi W	01-Apr-09	JFF
Phosphila miselioides 2, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09	F-N
Phosphila miselioides at light, photo	CLEVELAND: Norman	08-May-09	VDB
Phosphila miselioides photo, at lights	PAWNEE: Lake Keystone, Peninsula area	25-Jul-09	PWR
Plagiomimicus heitzmani det. BoL STATE	WASHINGTON: Bartlesville	13-Sep-08	MJD
Plagiomimicus pityochromus	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09	JFF
Heliocheilus lupatus	CADDO: Red Rock Canyon SP	28-Jul-09	CCG
Heliocheilus lupatus	CHEROKEE: TNC Nickel Preserve, HQ area	19-Aug-09	JFF
Heliocheilus lupatus 3, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09	JFF
Schinia arcigera	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09	JFF
Schinia bimatrix	JACKSON: Rt 6 @ Red River	30-Aug-02	JMN
Schinia bimatrix 2, at BL	KIOWA: Mountain Park WMA	04-Sep-05	JMN
Schinia bimatrix STATE	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09	JFF
Schinia bina photo	TEXAS: Texhoma	27-Apr-08	KFS
Schinia bina submitted as S. meskeana	WASHINGTON: Bartlesville	25-Jun-09	MJD
Schinia chrysellia	CHEROKEE: TNC Nickel Preserve, HQ area	19-Aug-09	JFF
Schinia chrysellia 3, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09	JFF
Schinia lynx	CHEROKEE: TNC Nickel Preserve, HQ area	19-Aug-09	JFF
Schinia lynx 3, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09	JFF
Schinia nubila	TULSA: Sand Springs, 3 mi W	30-Jul-09	JFF
Schinia nundina at light, photo	CLEVELAND: Norman	01-Aug-09	VDB
Schinia obscurata tanena	TULSA: 3 mi W of Sand Springs	24-May-09	JFF
Schinia reniformis	ROGER MILLS: Black Kettle NG, Black Kettle Lake	22-Aug-09	VDB
Schinia rivulosa at light	ROGERS: Owasso, 4 mi E	02-Oct-08	KCW
Schinia rivulosa	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09	JFF
Schinia siren photo	TEXAS: Texhoma	10-Aug-09	KFS
Schinia thoreau 4, at BL	CHEROKEE: TNC Nickel Preserve, HQ area	19-Aug-09	JFF
Schinia tuberculum	TULSA: Sand Springs, 3 mi W	14-Sep-09	JFF
Schinia ultima	CADDO: Red Rock Canyon SP	28-Jul-09	CCG
Condica videns at light, photo	CLEVELAND: Norman	19-Mar-09	VDB
Condica videns	CHEROKEE: TNC Nickel Preserve, HQ area	23-Jul-09	F-N
Condica videns	CADDO: Red Rock Canyon SP	28-Jul-09	CCG
Ogdoconta cinereola in HQ bldg window	CHEROKEE: TNC Nickel Preserve, HQ area	23-Jul-09	F-N
Homophoberia apicosa	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09	JFF
Micrathetis triplex	TULSA: Sand Springs, 3 mi W	10-Sep-09	JFF
Leuconycta diphteroides	CHEROKEE: TNC Nickel Preserve, HQ area	23-Jul-09	F-N

Callopietria mollissima at BL, photo	WASHINGTON: Bartlesville	06-Jul-09		MJD
Emarginea percara	LATIMER: Robbers Cave SP	18-Sep-09		JMN
Spodoptera dolichos det. BoL	WASHINGTON: Bartlesville	11-Sep-08		MJD
Spodoptera eridania	TULSA: Sand Springs, 3 mi W	01-Nov-08	05-Nov-08	JFF
Spodoptera ornithogalli	LATIMER: Robbers Cave SP	18-Sep-09		JMN
Elaphria festivooides	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09		F-N
Elaphria festivooides at lights, photo	CLEVELAND: Norman	01-Jul-09		VDB
Elaphria grata	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	19-Jun-09		JFF
Elaphria versicolor	TULSA: Sand Springs, 3 mi W	25-Sep-08		JFF
Elaphria versicolor	MCCURTAIN: Little River NWR, Unit 2	08-May-09		F-N
Galgula partita	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	19-Jun-09		JFF
Proxenus miranda det. BoL	WASHINGTON: Bartlesville	02-Jun-09		MJD
Dypterygia rozmani at light, photo	CLEVELAND: Norman	01-May-09		VDB
Chytonix palliatricula 5, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09		F-N
Chytonix palliatricula	CADDON: Red Rock Canyon SP	28-Jul-09		CCG
Apamea remissa indocilis at BL, photo, STATE	TULSA: Sand Springs, 3 mi W	17-Jun-09		JFF
Papaipema cataphracta at lights, photo	CLEVELAND: Norman	30-Oct-08		VDB
Papaipema nebris nitela at lights, photo	CLEVELAND: Norman	21-Oct-08		VDB
Metaxaglaea inulta at BL, photo STATE	WASHINGTON: Bartlesville	05-Oct-08		MJD
Metaxaglaea viatica photo	MCCURTAIN: Broken Bow	19-Jan-09		BAH
Orthosia alurina residential area, in pheromone trap, 1050' elev. STATE	WASHINGTON: Bartlesville	06-Mar-09		MJD
Orthosia hibisci at BL, photo, Det. Bol	WASHINGTON: Bartlesville	07-Mar-09		MJD
Achatia distincta at light, photo	CLEVELAND: Norman	09-Apr-09		VDB
Morrisonia confusa STATE RECORD	WASHINGTON: Bartlesville	23-Apr-09		MJD
Nephelodes minians at light, photo	CLEVELAND: Norman	21-Mar-09		VDB
Polia detracta 3, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09		F-N
Faronta diffusa at light, photo	CLEVELAND: Norman	04-Mar-09		VDB
Faronta diffusa 3, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09		JFF
Faronta rubripennis	CHEROKEE: TNC Nickel Preserve, HQ area	19-Aug-09		JFF
Faronta rubripennis	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09		JFF
Leucania adjuta at BL, photo, BoL	WASHINGTON: Bartlesville	22-Oct-08		MJD
Leucania insueta	OSAGE: TNC Tallgrass Prairie Preserve, Foreman's House	26-Jun-09		JMN
Leucania insueta 4, at BL	CHEROKEE: TNC Nickel Preserve, HQ area	23-Jul-09		F-N
Leucania multilinea 3, at BL	CHEROKEE: TNC Nickel Preserve, HQ area	19-Aug-09		JFF
Leucania phragmatidicola at light, photo	CLEVELAND: Norman	17-Mar-09		VDB
Leucania scirpicola at BL, photo	WASHINGTON: Bartlesville	30-Sep-08		MJD
Leucania ursula STATE	CHEROKEE: TNC Nickel Preserve, HQ area	19-Aug-09		JFF
Lacinipolia erecta	TULSA: Sand Springs, 3 mi W	24-Sep-08		JFF
Lacinipolia explicata at light, photo	CLEVELAND: Norman	09-Apr-09		VDB
Lacinipolia laudabilis	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09		F-N
Lacinipolia renigera 3, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	01-May-09		F-N

Orthodes majuscula at lights	ROGERS: Owasso, 4 mi E	02-Jul-09	KCW
Anicla infecta 2, at BL	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	19-Jun-09	JFF
Anicla infecta	LATIMER: Robbers Cave SP	18-Sep-09	JMN
Anicla lubricans	PONTOTOC: TNC Pontotoc Ridge Preserve, HQ area	26-Aug-09	JFF
Hemieuxoa rudens at BL, photo	WASHINGTON: Bartlesville	19-Mar-09	MJD
Hemieuxoa rudens 4, at BL	TULSA: Sand Springs, 3 mi W	23-Mar-09	JFF
Feltia herilis	LATIMER: Robbers Cave SP	18-Sep-09	BJS
Feltia subgothica at BL, photo	WASHINGTON: Bartlesville	20-Sep-08	MJD
Feltia tricosa at BL, photo STATE	WASHINGTON: Bartlesville	13-Sep-08	MJD
Agrotis malefida det. BoL	WASHINGTON: Bartlesville	21-Jun-09	MJD
Protolampra brunneicollis at BL, photo	WASHINGTON: Bartlesville	06-Jul-09	MJD

SOUTH DAKOTA

Reports were submitted independently by Neil Dankert and Steve Spomer, including new state and county records for Hemileuca hera.

Moths

SATURNIIDAE

Hemileuca hera First STATE record; ex larvae on Artemisia tridentata, leg. Scott Weins	BUTTE: 17-18 mi N, 2 mi E Belle Fourche	29-May-09	SMS
Hemileuca hera leg. Mathew L. Brust	FALL RIVER: 9 mi N Ardmore, off Hwy 71	29-Aug-09	SMS

Zone 6 Texas

Texas

Coordinator: Charles W. Bordelon, Jr.

Contributors Cited:

CWB : Charles W. Bordelon, Jr.
DXC : Dale Clark
AH1 : Andy Hewetson
K/B : Hugo Kons & Bob Borth
JMC : James McDermott
MR2 : Mike Rickard
MDV : Michael D. VanBuskirk
RHW : Roland H Wauer

B/K : C. Bordelon & E. Knudson
DJD : David & Jan Dauphin
ECK : Edward C. Knudson
RMK : Richard M. Kostecke
GM : Gerald M. McWilliams
CRS : Charles R. Sassine
JV : James Vargo

RWB : Richard W. Boscoe
JFD : Joseph F. Doyle
LK1 : Leroy Koehn
JBL : J. Barry Lombardini
MAQ : Mike Quinn
TBL : Texas Butterfly Listserve
ADW : Andrew D. Warren

General Comments:

Texas was HOT and DRY due to an El Nino year. There was little activity to generate tropical rainfall in the summer months, and severe drought was the result in much of the state. Results were poor for lepidoptera compared to the previous two seasons. In fact, it was downright pathetic... Some new records were recorded for the state, but most of them were historic; recently brought to our attention in new publications or revisions. There were 6 US RECORDS, and 13 STATE RECORDS (a total of 19 state records for the Texas Checklist according to TLS.) Because of the lack of reports, only 178 COUNTY RECORDS were posted for the period, and a number of those were moths! To add insult to injury, a terrible freeze early in December brought the already poor season to a screeching halt in South Texas, as well as snow from El Paso to Orange.

TEXAS

Butterflies

HESPERIIDAE

Phocides polybius lilea	Hidalgo: Mission	18-Feb-09	11-Nov-09	CWB
Epargyreus clarus	Hidalgo: Mission	28-Feb-09	03-Apr-09	CWB
Polygonus leo arizonensis	DEWITT: 11 N. Yorktown	20-Sep-09		TBL
Polygonus leo arizonensis	Dallas: Glenn Heights	08-Oct-09		DXC
Polygonus leo arizonensis	Hidalgo: Bentsen SP	14-Nov-09		MR2
Aguna asander	Hidalgo: Mission	21-Nov-09		CWB
Aguna claxon	Hidalgo: Frontera Audubon	21-Nov-09		MR2
Aguna metophis last at Frontera Audubon	Hidalgo: Estero Llano Grande SP	22-Jan-09	21-Nov-09	MR2
Codatractus alcaeus	Hidalgo: Mission	07-Mar-09		CWB

Urbanus doryssus	Hidalgo: Bentsen SP	14-Oct-09		MR2
Urbanus proteus	COMANCHE: Comanche	01-Sep-09		TBL
Astraptus alector hopfferi	Hidalgo: Mission	06-Mar-09		DJD
Astraptus anaphus annetta	Hidalgo: Mission	04-Mar-09		DJD
Astraptus anaphus annetta	Hidalgo: Mission	02-Apr-09		CWB
Astraptus anaphus annetta	Hidalgo: Mission	14-Nov-09		GM
Astraptus fulgerator azul many reporters	Hidalgo: Mission	15-Feb-09		TBL
Astraptus fulgerator azul	Hidalgo: Mission	23-Mar-09		CWB
Cabares potrillo	Hidalgo: Mission	14-Sep-09		B/K
Spathilepia clonius	Hidalgo: Mission	02-Mar-09		DJD
Spathilepia clonius last at Bentsen SP	Hidalgo: Frontera Audubon	14-Oct-09	20-Nov-09	MR2
Spathilepia clonius	Hidalgo: Mission	24-Oct-09	02-Nov-09	GM
Cogia calchas	Hidalgo: Rio Rico Rd.	02-Nov-09		JMC
Pellicia arina	Hidalgo: Bentsen SP	22-Jul-09	21-Nov-09	MR2
Staphylus hayhurstii B. Dempwolf	DUVAL: south of Freer	22-Jul-07		TBL
Pholisora catullus	CASTRO: no locality given	17-May-09		AH1
Gorgythion begga pyralina	Hidalgo: Bentsen SP	11-Feb-09		MR2
Gorgythion begga pyralina	Hidalgo: Mission	27-Feb-09	28-Nov-09	DJD
Carrhenes canescens	Hidalgo: Bentsen SP	15-Jan-09	20-Feb-09	MR2
Carrhenes canescens	Hidalgo: Mission	22-Feb-09		CWB
Grais stigmaticus	Hidalgo: Hidalgo Pumphouse	12-Oct-09		MR2
Gesta invisus T. Fuller	Cameron: San Benito	24-Oct-09		TBL
Erynnis baptisiae B. Dempwolf	GONZALES: Hwy 304 X 90	03-May-08		TBL
Erynnis baptisiae	KAUFMAN: Kaufman	17-May-09		JMC
Erynnis brizo	KIMBLE: I-10 X FM 2291	27-Mar-83		JFD
Erynnis brizo	HARRIS: Jesse H. Jones Park	13-Mar-09	20-Mar-09	TBL
Erynnis brizo somnus	KENT: no locality given	29-Mar-09		AH1
Erynnis funeralis larva in shelter on Malpighia glabra, reared to adult.	Hidalgo: Mission	19-Oct-09	13-Nov-09	RWB
Erynnis horatius	COMANCHE: Comanche	01-Sep-09		TBL
Erynnis juvenalis	COCHRAN: no locality given	21-Mar-09		AH1
Erynnis juvenalis new valley record	HIDALGO: Frontera Audubon	24-Apr-09		MR2
Erynnis tristis tatus	KENDALL: Cordillera Ranch	14-Jul-09		JFD
Pyrgus communis	YOAKUM: no locality given	21-Mar-09		AH1
Heliopyrgus domicella	Hidalgo: Penitas	19-Oct-09		GM
Heliopyrgus domicella	Starr: Rio Grande City	02-Nov-09		CWB
Heliopyrgus domicella	Starr: Roma	11-Nov-09	13-Nov-09	GM
Celotes nessus	Hidalgo: Mission	29-Mar-09	03-Apr-09	CWB
Celotes nessus	LASALLE: Chaparral WMA	26-Apr-09		TBL
Celotes nessus	Hidalgo: Mission	31-Dec-09		DJD
Synapte pecta	Hidalgo: Mission	06-Mar-09		DJD
Synapte pecta	Starr: Roma	01-Nov-09		GM
Corticea corticea	Hidalgo: Mission	13-May-09	19-May-09	B/K
Amblyscirtes aesculapius	KAUFMAN: CR 4017 nr. Cedar Creek	25-Aug-09		JMC
Amblyscirtes celia	BRAZOS: Kurten	07-Sep-09		TBL
Amblyscirtes eos	Wise: LBJ Grasslands	15-Apr-09		JMC
Amblyscirtes nysa	LASALLE: Chaparral WMA	26-Apr-09		TBL
Monca crispinus	Hidalgo: Mission	03-Mar-09	23-Oct-09	CWB
Lerodea arabus	Hidalgo: Mission	26-Feb-09	30-Nov-09	B/K
Lerodea eufala	COMANCHE: Comanche	01-Sep-09		TBL
Mnasilus allubita US RECORD; Martin Reid pix det. By ADW	HIDALGO: Mission	08-Nov-08		ADW
Lerema accius	COMANCHE: Comanche	01-Sep-09		TBL
Lerema liris	Hidalgo: Bentsen SP	15-Jul-09		MR2
Perichares philetas adela	Hidalgo: Bentsen SP	14-Jun-09		TBL
Decinea percusius J. Rosford	STARR: Falcon SP	05-Mar-09		TBL
Ancyloxypha numitor leg. B. Dempwolf	MEDINA: Castroville	23-Nov-09		TBL
Copaeodes aurantiaca	COMANCHE: Comanche	01-Sep-09		TBL
Copaeodes aurantiaca	HAYS: Wimberley	17-Oct-09		MR2
Copaeodes minima	KAUFMAN: Kaufman	17-May-09		JMC

<i>Copaeodes minima</i>	COMANCHE: Comanche	01-Sep-09		TBL
<i>Polites carus</i>	IRION: Barnhart	13-Aug-09		RHW
<i>Poanes yehl</i>	Kaufman: Cedar Creek	07-Sep-09		JMC
<i>Poanes zabulon</i>	Kaufman: Cedar Creek	07-Sep-09		JMC
<i>Calpodus ethlius</i>	CROSBY: White River Lake	07-Nov-09		AH1
<i>Panoquina hecebolus</i>	Hidalgo: Bentsen SP	01-Nov-09		MR2
<i>Panoquina lucas</i>	Hidalgo: Mission	24-Oct-09	26-Oct-09	GM
<i>Panoquina lucas</i>	TRAVIS: Hornsby Bend	25-Oct-09		JMC
<i>Megathymus yuccae reinthali</i> adults and pupae	Van Zandt: FM 1861	05-Mar-09	24-Mar-09	JMC
<i>Megathymus yuccae reinthali</i> adults and pupae	Smith: Shady Grove	05-Mar-09	23-Mar-09	JMC
PAPILIONIDAE				
<i>Battus philenor</i>	GARZA: no locality given	29-Mar-09		AH1
<i>Battus polydamas</i>	Hidalgo: Mission	21-Nov-09		GM
<i>Papilio astyalus pallas</i>	Hidalgo: Mission	02-Aug-09		DJD
<i>Papilio astyalus pallas</i>	Hidalgo: Mission	18-Sep-09	01-Oct-09	B/K
<i>Papilio ornythion</i>	Hidalgo: Mission	20-Apr-09	28-Oct-09	MR2
<i>Papilio ornythion</i>	Hidalgo: Mission	02-Aug-09		DJD
<i>Papilio ornythion</i>	Hidalgo: Mission	30-Sep-09	14-Oct-09	CWB
<i>Papilio ornythion</i>	Travis: Austin	15-Nov-09		TBL
<i>C. Sexton pix.</i>				
<i>Papilio polyxenes asterius</i>	COMANCHE: Comanche	01-Sep-09		TBL
<i>Papilio thoas autocles</i>	Hidalgo: Mission	27-Mar-09		CWB
PIERIDAE				
<i>Glutophrissa drusilla tenuis</i>	DICKENS: Dickens Co. Spring Park	17-Jul-08		JBL
<i>Glutophrissa drusilla tenuis</i>	Hidalgo: Mission	02-Mar-09		DJD
<i>Glutophrissa drusilla tenuis</i>	Hidalgo: Mission	10-Apr-09	14-Oct-09	B/K
<i>Glutophrissa drusilla tenuis</i> B. Nall	Starr: Falcon Heights	13-Apr-09		TBL
<i>Pontia protodice</i>	YOAKUM: no locality given	21-Mar-09		AH1
<i>Ganyra josephina josepha</i>	Hidalgo: Mission	21-Mar-09	27-Nov-09	B/K
<i>Pieris rapae</i>	PARMER: no locality given	17-May-09		AH1
<i>Euchloe olympia</i>	YOAKUM: no locality given	21-Mar-09		AH1
<i>Euchloe olympia</i>	LYNN: no locality given	22-Mar-09		AH1
<i>Euchloe olympia</i>	GARZA: no locality given	29-Mar-09		AH1
<i>Anthocharis midea texana</i> B. Freeman	REFUGIO: Refugio	08-Jan-09		TBL
<i>Anthocharis midea texana</i>	Hidalgo: Mission	14-Feb-09	01-Mar-09	CWB
<i>Anteos clorinde</i>	Hidalgo: Mission	26-Feb-09	26-Nov-09	CWB
<i>Anteos clorinde</i>	Nueces: Stedman Island	14-Oct-09		CRS
<i>Anteos maerula</i>	Hidalgo: Mission	24-Feb-09	10-Nov-09	B/K
<i>Anteos maerula</i>	Hidalgo: Mission	21-Oct-09	24-Oct-09	GM
<i>Anteos maerula</i>	Cameron: Brownsville	05-Nov-09		GM
<i>Anteos maerula</i>	BLANCO: Johnson City	19-Nov-09		MAQ
<i>Aphrissa statira</i> not previously reported; leg. R. O. Kendall	BEXAR: San Antonio	24-Sep-55		JFD
<i>Aphrissa statira</i>	REFUGIO: 5 mi. S of Woodsboro	23-Jun-09		CWB
<i>Aphrissa statira</i>	Hidalgo: Bentsen SP	22-Jul-09	22-Oct-09	MR2
<i>Aphrissa statira</i> B. Nall	Starr: Falcon Heights	26-Jul-09		TBL
<i>Aphrissa statira</i>	Hidalgo: Mission	10-Sep-09	14-Oct-09	CWB
<i>Aphrissa statira</i>	KERR: Kerrville	19-Oct-09		JFD
<i>Kricogonia lyside</i>	Kaufman: Kaufman	20-Apr-09		JMC
<i>Eurema boisduvaliana</i>	Hidalgo: Mission	14-Feb-09	06-Oct-09	MR2
<i>Eurema boisduvaliana</i>	Hidalgo: Mission	03-Mar-09	13-Nov-09	B/K
<i>Eurema दौर eugenia</i>	Hidalgo: Pénitas	10-Nov-09		TBL
<i>Pyrisitia dina westwoodii</i>	Hidalgo: Mission	26-Jul-09	28-Jul-09	MR2
<i>Pyrisitia dina westwoodii</i>	Hidalgo: Mission	11-Nov-09		CWB
<i>Pyrisitia nise nelphe</i> female oviposited on Ponceana on 1st date.	Hidalgo: Mission	24-Feb-09	30-Nov-09	B/K
<i>Pyrisitia nise nelphe</i>	GOLIAD: Goliad SP	12-Jun-09		RHW
<i>Abaeis nicippe</i>	DEAF SMITH: Veteran's Park	17-May-09		AH1
LYCAENIDAE				
<i>Atlides halesus corcorani</i>	Hidalgo: Mission	18-Feb-09	15-Nov-09	CWB
<i>Rekoa marius</i> last at Hidalgo Pumphouse	Hidalgo: Bentsen SP	11-Feb-09	18-Nov-09	MR2

<i>Satyrrium favonius autolyucus</i>	KAUFMAN: Lone Oak Cemetery	21-Apr-09		JMC
<i>Chlorostyrymon simaethis sarita</i>	Hidalgo: Mission	22-Jul-09	03-Nov-09	B/K
<i>Chlorostyrymon telea</i>	Hidalgo: Bentsen SP	11-Jun-09	01-Jul-09	MR2
<i>Cyanophrys herodotus</i>	Hidalgo: Bentsen SP	01-Jul-09		MR2
<i>Cyanophrys miserabilis</i>	Hidalgo: Bentsen SP	10-Jun-09		MR2
<i>Cyanophrys miserabilis</i> W. Sekula	MCMULLEN: Choke Canyon SP	21-Jun-09		TBL
<i>Cyanophrys miserabilis</i>	Hidalgo: Mission	24-Jun-09		CWB
<i>Cyanophrys miserabilis</i> B. Nall	STARR: Falcon Heights	26-Jun-09		TBL
<i>Callophrys henrici solatus</i>	KIMBLE: I-10 X FM 2291	27-Mar-83		JFD
<i>Callophrys irus hadra</i>	Houston: Neches Overlook	22-Mar-09		JMC
<i>Callophrys xami texami</i> last at Bentsen SP	Hidalgo: Hidalgo Pumphouse	22-Jan-09	29-Mar-09	MR2
<i>Allosmaitia strophius</i>	Hidalgo: Mission	29-Nov-09		MR2
<i>Electrostrymon hugon</i>	Hidalgo: Bentsen SP	11-Jun-09		MR2
<i>Strymon albata</i>	Hidalgo: various locations around Mission	02-Jan-09	03-Aug-09	MR2
<i>Strymon alea</i> common locally	Travis: Barton Creek	03-May-09	20-Oct-09	TBL
<i>Strymon alea</i>	MEDINA: Castroville	25-Nov-09		JFD
<i>Strymon alea</i>	Hidalgo: Mission	29-Nov-09		MR2
<i>Strymon bazochii</i>	Hidalgo: Mission	30-Mar-09		CWB
<i>Strymon bebrycia</i>	Hidalgo: Mission	01-Mar-09		CWB
<i>Strymon bebrycia</i>	Hidalgo: Bentsen SP	12-Jun-09		MR2
<i>Strymon istapa</i>	DIMITT: Chaparral WMA	26-Apr-09		TBL
<i>Strymon melinus</i>	DEAF SMITH: Veteran's Park	17-May-09		AH1
<i>Ministrymon azia</i> very common in 2009.	Hidalgo: Mission	29-Mar-09	25-Oct-09	B/K
<i>Ministrymon azia</i>	HARRIS: Spring Valley	11-Jun-09		B/K
<i>Ministrymon clytie</i> abundant in 2009.	Hidalgo: Mission	13-Mar-09	27-Nov-09	B/K
<i>Ministrymon clytie</i> W. Sekula	MCMULLEN: Choke Canyon SP	14-Jun-09		TBL
<i>Parrhasius m-album</i>	HIDALGO: Mission	20-Sep-08		MR2
<i>Parrhasius m-album</i>	VAN ZANDT: FM 1861	24-Feb-09		JMC
<i>Leptotes cassius cassidula</i>	Hidalgo: Mission	10-Apr-09		MR2
<i>Leptotes cassius cassidula</i>	Hidalgo: Mission	11-Apr-09	21-Nov-09	CWB
<i>Leptotes cassius cassidula</i>	KAUFMAN: Becker	13-Jun-09		JMC
<i>Leptotes marina</i>	KENT: no locality given	29-Mar-09		AH1
<i>Zizula cyna</i>	Hidalgo: Bentsen SP	12-Jan-09	01-Jun-09	MR2
<i>Zizula cyna</i>	Hidalgo: Mission	24-Feb-09		DJD
<i>Zizula cyna</i>	Hidalgo: Mission	29-Mar-09		CWB
<i>Cupido comyntas</i>	COMANCHE: Comanche	01-Sep-09		TBL
<i>Celastrina neglecta</i>	Harris: Spring Valley	07-Jun-09	12-Jun-09	B/K
<i>Hemiargus ceraunus astenidas</i> J. Cole	HUNT: no locality given	05-Sep-09		TBL
<i>Echinargus isola</i>	DEAF SMITH: Veteran's Park	17-May-09		AH1
RIODINIDAE				
<i>Melanis pixe</i>	Hidalgo: Mission	22-Oct-09	29-Nov-09	B/K
<i>Melanis pixe</i>	Hidalgo: Rio Rico Rd.	02-Nov-09		JMC
<i>Melanis pixe</i>	Hidalgo: Hidalgo Pumphouse	12-Nov-09	22-Nov-09	MR2
<i>Caria ino melicerta</i>	Comal: 7 NE of New Braunfels	12-Aug-09		JFD
<i>Caria ino melicerta</i> B. Dempwolf	MEDINA: Castroville	22-Aug-09		TBL
<i>Lasaia sula peninsularis</i> confined females oviposited on <i>Mimosa pigra</i> , reared to adults.	Hidalgo: Relampago	23-Oct-09	22-Nov-09	RWB
<i>Lasaia sula peninsularis</i>	Hidalgo: Rio Rico Rd.	02-Nov-09		JMC
<i>Emesis emesia</i>	Hidalgo: Bentsen SP	11-Feb-09		MR2
<i>Emesis emesia</i> B. Nall	Starr: Roma	29-Apr-09		TBL
<i>Apodemia walkeri</i> common; many reports from the area.	Cameron: Resaca de la Palma SP	01-Nov-09	15-Nov-09	TBL
NYMPHALIDAE				
<i>Danaus eresimus montezuma</i>	KAUFMAN: Becker	18-Jul-09		JMC
<i>Danaus eresimus montezuma</i>	Dallas: Glenn Heights	26-Jul-09		DXC
<i>Anaea andria</i>	YOAKUM: no locality given	21-Mar-09		AH1
<i>Memphis forreri</i> 1st male and US voucher.	Hidalgo: Mission	18-Feb-09		CWB

Memphis forreri 4th US record	Hidalgo: Bentsen SP	27-Feb-09		TBL
Memphis glycerium	Hidalgo: Mission	19-Feb-09		CWB
Memphis glycerium	Hidalgo: Mission	24-Feb-09	29-Nov-09	DJD
Memphis pithyusa also in Mission	Hidalgo: Bentsen SP	11-Feb-09	01-Aug-09	MR2
Memphis pithyusa	Hidalgo: Mission	14-Feb-09	16-Oct-09	CWB
Memphis pithyusa	Hidalgo: Mission	23-Feb-09	01-Mar-09	DJD
Memphis pithyusa	Hidalgo: Edinburg	18-Nov-09		TBL
Lethe portlandia missarkae	KAUFMAN: Cedar Creek	24-Jun-09		JMC
Cyllopsis gemma freemani	Hidalgo: Mission	20-Feb-09	02-Nov-09	CWB
Hermeuptychia hermes	Hidalgo: Mission	21-Feb-09	22-Oct-09	B/K
Dione moneta poeyi	Hidalgo: Mission	11-Feb-09		MR2
Dione moneta poeyi	DALLAS: Glenn Heights	29-May-09		DXC
Dione moneta poeyi	Brewster: BIBE; Emory Peak	15-Aug-09		TBL
Dione moneta poeyi	Bexar: Helotes	29-Oct-09		MDV
Eueides isabella female confined with Passiflora suberosa, died without ovipositing.	Hidalgo: Relampago	23-Oct-09	22-Nov-09	RWB
Eueides isabella	Hidalgo: Edinburg	18-Nov-09		TBL
Dryas iulia moderata	BROOKS: US 281 Rest Area	13-Feb-09		CWB
Euptoieta claudia	YOAKUM: no locality given	21-Mar-09		AH1
Adelpha eulalia	DEAF SMITH: Veteran's Park	17-May-09		AH1
Adelpha fessonia DJD reports one on 29-Nov.	Hidalgo: Mission	14-Feb-09	18-Sep-09	B/K
Marpesia chiron marius last at Hidalgo Pumphouse	Hidalgo: Mission	28-Jul-09	02-Oct-09	MR2
Marpesia chiron marius	Hidalgo: San Juan	02-Oct-09		TBL
Marpesia chiron marius females confined with Ficus, died without ovipositing.	Hidalgo: Mission	19-Oct-09	13-Nov-09	RWB
Marpesia chiron marius	Hidalgo: Anzalduas Park	13-Nov-09		TBL
Marpesia petreus	Hidalgo: Bentsen SP	22-Jul-09	11-Nov-09	MR2
Marpesia petreus	Hidalgo: Santa Ana NWR	19-Sep-09		TBL
Marpesia petreus	Hidalgo: Frontera Audubon	21-Oct-09		TBL
Marpesia petreus	Hidalgo: Mission	21-Oct-09	26-Oct-09	GM
Marpesia petreus	Hidalgo: Mission	03-Nov-09		JMC
Marpesia petreus	EDWARDS: Camp Wood Hill	03-Nov-09		TBL
Marpesia petreus fairly common in Fall 2009; many reports.	Hidalgo: Mission	13-Nov-09	21-Nov-09	TBL
Biblis hyperia aganisa	Starr: Rio Grande City	19-Oct-09		CRS
Biblis hyperia aganisa	Hidalgo: Mission	15-Nov-09		CWB
Biblis hyperia aganisa	Hidalgo: Mission	22-Nov-09		TBL
Eunica monima several sightings	Hidalgo: Bentsen SP	20-Jun-09	28-Jun-09	TBL
Eunica monima	Hidalgo: Mission	01-Jul-09	25-Jul-09	B/K
Eunica monima	Uvalde: Utopia	02-Jul-09		TBL
Eunica monima	Hidalgo: Mission	08-Jul-09	12-Jul-09	MR2
Eunica tatila	Hidalgo: Mission	30-Jun-09	12-Sep-09	B/K
Eunica tatila	Hidalgo: Mission	08-Jul-09	10-Jul-09	MR2
Eunica tatila	Hidalgo: Mission	23-Nov-09		TBL
Hamadryas februa ferentina	Hidalgo: Mission	27-Jun-09	14-Oct-09	B/K
Hamadryas februa ferentina	BROOKS: US 281 RA	18-Oct-09		GM
Hamadryas guatemalena marmarice	Hidalgo: Mission	03-Mar-09	18-Oct-09	B/K
Dynamine dyonis last at Bentsen SP	Hidalgo: Hidalgo Pumphouse	09-Jul-09	19-Nov-09	MR2
Dynamine dyonis	Hidalgo: Mission	23-Nov-09	24-Nov-09	CWB
Dynamine postverta mexicana 3 Nov. female is 2nd US voucher.	Hidalgo: Mission	25-Apr-09	03-Nov-09	CWB
Doxocopa laure	Hidalgo: Mission	19-Feb-09	21-Oct-09	B/K
Doxocopa laure B. Nall	Starr: Falcon Heights	01-Jul-09		TBL
Doxocopa laure	Hidalgo: Bentsen SP	10-Jul-09	21-Oct-09	MR2
Doxocopa pavon theodora	Hidalgo: Bentsen SP	21-Oct-09		MR2
Smyrna blomfieldia datis J. Yochum	Hidalgo: Estero Llano Grande SP	02-Jan-09	23-Dec-09	TBL
Vanessa annabella	UVALDE: Cooks Slough	28-May-09		TBL
Vanessa cardui	LYNN: no locality given	22-Mar-09		AH1
Vanessa cardui	CASTRO: no locality given	17-May-09		AH1
Nymphalis antiopa	DEAF SMITH: Veteran's Park	17-May-09		AH1

Anartia fatima	Starr: Rio Grande City	19-Oct-09		CRS
Anartia fatima last at Hidalgo Pumphouse	Hidalgo: Bentsen SP	21-Oct-09	18-Nov-09	MR2
Anartia jatrophae luteipicta	COMAL: Mesquite Creek WMA	11-Nov-09		JFD
Siproeta stelenes biplagiata	Hidalgo: Mission	14-Feb-09	24-Oct-09	B/K
Chlosyne definita	Hidalgo: Bentsen SP	28-Oct-09		MR2
Chlosyne endeis pardelina	Starr: 5 mi. N of Rio Grande City	19-Oct-09	02-Nov-09	CRS
Chlosyne endeis pardelina	Starr: 5 & 9 mi. N. of Rio Grande City	20-Oct-09	02-Nov-09	B/K
Chlosyne janais	Hidalgo: Mission	25-Mar-09	25-Oct-09	B/K
Chlosyne rosita browni	Hidalgo: Bentsen SP	01-Jul-09		MR2
Chlosyne rosita browni	Hidalgo: Estero Llano Grande SP	08-Jul-09		TBL
Chlosyne theona bollii	LASALLE: Chaparral WMA	26-Apr-09		TBL
Chlosyne theona bollii	KENDALL: Wiedenfeld Ranch	20-Jun-09		JFD
Phyciodes pallescens STATE RECORD; 2nd US Record	HIDALGO: Mission	03-Nov-09		JMC
Anthanassa argentea also Hidalgo Pumphouse; several reporters	Hidalgo: Bentsen SP	12-Jan-09	02-Mar-09	MR2
Anthanassa texana	Hidalgo: Mission	23-Feb-09	13-Nov-09	B/K
Anthanassa tulcis last by CWB	Hidalgo: Mission	24-Feb-09	18-Jul-09	DJD
Moths				
GRACILLARIIDAE				
Parectopa bumeliella	Hidalgo: Mission	19-Sep-09		ECK
Acrocercops sideroxylonella	Hidalgo: Mission	19-Sep-09		ECK
HELIODINIDAE				
Neoheliodines arizonense STATE RECORD	JEFF DAVIS: Davis Mts. SP	21-Jun-89		ECK
Neoheliodines hodgesi STATE RECORD; never previously reported in SS.	Bexar: San Antonio	29-Jul-89		ECK
Embola ciccella STATE RECORD	JEFF DAVIS: 8 mi. N of Alpine	02-Nov-80		ECK
Aetole tripunctella	Travis: Austin	03-Aug-09		MAQ
Aetole tripunctella	Hidalgo: Mission	18-Sep-09		ECK
CRAMBIDAE				
Alatuncusia bergii STATE RECORD	HIDALGO: Mission	20-Jul-09		ECK
Chalcoela iphitalis	Hidalgo: Mission	24-Feb-09		CWB
Condylorrhiza vestigialis	Hidalgo: Mission	25-Oct-09		CWB
Dichogama colotha US RECORD Linda Alley, via Bob Patterson.	NUECES: Corpus Christi	04-Sep-08		ECK
Dicymolomia metalophota	Hidalgo: Mission	27-Feb-09		CWB
Eulepte anticostalis	KAUFMAN: Becker	19-Sep-09		JMC
Ommatospila narcaeusalis	MEDINA: 5 mi. N of Devine	28-Sep-08	08-Oct-08	TBL
Palpita gracilalis	KAUFMAN: Becker	07-Sep-09		JMC
Pseudopyrausta marginalis US RECORD Just ID'd (M. A. Solis). Last from Falfurrias, Brooks Co.	HIDALGO: Santa Ana NWR	13-Nov-80	30-Sep-08	B/K
Pyrausta pseuderosnealis new valley record	HIDALGO: Mission	11-Oct-09		CWB
Syngamia florella	KAUFMAN: Becker	22-Nov-09		JMC
PYRALIDAE				
Meroptera mirandella	POTTER: Lake Meredith	18-May-09		JV
Telethusia ovalis STATE RECORD	CULBERSON: GUMO: Dog Canyon	07-Jun-91	09-Jun-91	ECK
SESIIDAE				
Zenodoxus rubens	Hidalgo: Mission	13-Nov-09	22-Nov-09	CWB
Cissuvora ampelopsis	Hidalgo: Mission	18-Sep-09	08-Oct-09	B/K
Paranthrene asilipennis	KAUFMAN: Kaufman	30-May-09		JMC
Paranthrene dollii	Hidalgo: Mission	18-Nov-09		CWB
Paranthrene robiniae STATE RECORD; specimen found in USNM, reared on Salix sp.; no coll. (leg.) named.	EL PASO: El Paso	07-Mar-50		CWB
Paranthrene simulans	SMITH: Red Springs	01-May-09		JMC
Paranthrene simulans	DENTON: Twin Coves Park	25-May-09		JMC
Vitacea admiranda	KAUFMAN: Kaufman	29-May-09		JMC
Melittia gloriosa leg. B. Dempwolf	Travis: Walter Long Park	24-Oct-09		JMC
Synanthedon acerni	SAN AUGUSTINE: Broaddus	22-Mar-09		JMC
Synanthedon decipiens	HIDALGO: Mission	19-May-09		CWB

Synanthedon decipiens	KAUFMAN: Becker	23-Aug-09		JMC
Synanthedon exitiosa	HIDALGO: Mission	15-Apr-09		CWB
Synanthedon rileyana new valley record	HIDALGO: Mission	11-Nov-09		CWB
Synanthedon rubrofascia	KAUFMAN: Becker	29-Jun-09		JMC
Synanthedon sapygaeformis	Hidalgo: Mission	14-Nov-09		CWB
Podosesia aureocincta	Hidalgo: Mission	18-Nov-09		CWB
Podosesia syringae	SMITH: Shady Grove	20-May-09		JMC
Sannina uroceriformis	SMITH: Red Springs	01-May-09		JMC
Carmenta phoradendri B. Nall	STARR: Falcon SP	12-Apr-09		TBL
Alcathoe autumnalis	Hidalgo: Mission	14-Oct-09	03-Nov-09	B/K
Alcathoe autumnalis	Travis: Walter Long Park	24-Oct-09		JMC
COSSIDAE				
Givira anna	KAUFMAN: Becker	15-Aug-09		JMC
Acosus connectus M. Heiman	MEDINA: nr. Devine	04-May-09		TBL
Prionoxystus macmurtrei J. Cole	SMITH: nr. Tyler SP	07-Mar-09		TBL
Prionoxystus robiniae M. Heiman	MEDINA: nr. Devine	24-Feb-09		TBL
TORTRICIDAE				
Phaneta mayelisana	POTTER: Lake Meredith	18-May-09		JV
GEOMETRIDAE				
Rindgea maricopa formerly known as Semiothisa sirenata.	HIDALGO: Mission	24-Jul-09		CWB
Sphacelodes vulneraria	Hidalgo: Mission	15-Nov-09		CWB
Odontoptila obrimo M. Heiman	MEDINA: 5 mi. N of Devine	04-Oct-09		TBL
Coryphista meadii	Hidalgo: Mission	23-Nov-09		CWB
Eubaphe mendica	KAUFMAN: Kaufman	01-Jun-09		JMC
SATURNIIDAE				
Anisota virginiensis 5th instar larva on ground, now pupating.	KAUFMAN: Cedar Creek	26-Sep-09		JMC
Hemileuca hualapai STATE RECORD; specimen found in CNC; leg. E. Tinkham.	PRESIDIO: Presidio	13-Nov-28		ECK
Rothschildia lebeau forbesi	Hidalgo: San Manuel	10-Sep-09	20-Sep-09	B/K
Rothschildia lebeau forbesi	Hidalgo: Mission	12-Oct-09		CWB
SPHINGIDAE				
Manduca quinquemaculatus M. Heiman	MEDINA: 5 mi. N of Devine	15-May-09		TBL
Manduca rustica M. Heiman	MEDINA: 5 mi. N of Devine	05-Jun-09	15-Jun-09	TBL
Manduca sexta M. Heiman	MEDINA: 5 mi. N of Devine	15-Jun-09	21-Jun-09	TBL
Dolbogene hartwegii	Jeff Davis: 9 mi N of Fort Davis	10-Jun-09	16-Jun-09	K/B
Ceratonia undulosa	MCLENNAN: Waco	28-Apr-09		TBL
Ceratonia undulosa form polingi	Hidalgo: Mission	20-Sep-09	14-Oct-09	CWB
Erinnyis ello	BEE: Beeville	04-Jul-09		TBL
Erinnyis ello J. Cole	ROCKWALL: Rockwall	24-Sep-09		TBL
Erinnyis lassauxii larva on Sarcostemma cynachoides; reared to adult	Hidalgo: Mission	27-Oct-09	25-Nov-09	CWB
Pachylia ficus 5th instar larva found on Ficus microcarpa; em. 9 Aug.	Hidalgo: Mission	01-Jul-09	09-Aug-09	CWB
Aellopos clavipes B. Freeman	CALHOUN: Port O'Connor	15-Jul-08	04-Aug-09	TBL
Aellopos titan M. Stowe	Hidalgo: Hidalgo Pumphouse	13-Oct-09	31-Oct-09	TBL
Aellopos titan	Kaufman: Becker	16-Oct-09	21-Nov-09	JMC
Aellopos titan G. Lasley pix	VICTORIA: Victoria	15-Nov-09		TBL
Enyo lugubris	Hidalgo: Mission	12-Oct-09		CWB
Hemaris diffinis M. Heindel	UVALDE: 1 mi N of Utopia	15-Jul-09		TBL
Eumorpha vitis M. York	MCLENNAN: Hewitt	03-Sep-09		TBL

Amphion floridensis	HIDALGO: Mission	10-Sep-09	12-Sep-09	CWB
Xylophanes pluto	Hidalgo: Mission	27-Feb-09	04-Jun-09	MR2
Hyles lineata	BELL: Fort Hood	07-Mar-09		RMK
NOTODONTIDAE				
Nerice bidentata	KAUFMAN: Becker	25-Jun-09		JMC
ARCTIIDAE				
Grammia parthenice	KAUFMAN: Becker	13-Oct-09		JMC
Utetheisa ornatrix	Hidalgo: Mission	03-Nov-09		JMC
Agaraea semivitreata	Hidalgo: Mission	15-Mar-09	20-Sep-09	B/K
Pygarctia abdominalis M. Heiman	MEDINA: 5 mi. N of Devine	10-May-09	02-Jul-09	TBL
Pygarctia neomexicana	Jeff Davis: Limpia Canyon	10-Jun-09		K/B
Phaloesia saucia	Hidalgo: Mission	25-Feb-09	02-Oct-09	CWB
Syntomeida melanthus	Hidalgo: Mission	04-Oct-09		CWB
NOCTUIDAE				
Cephalospargeta elongata	Hidalgo: Mission	17-Sep-09		ECK
Hypena deceptalis	BANDERA: Lost Maples SNA	27-Jun-09		K/B
Latebraria amphipyroides	Hidalgo: Mission	17-Sep-09		ECK
Latebraria amphipyroides B. Nall	STARR: Falcon Heights	11-Dec-09		TBL
Thysania zenobia	Hidalgo: Mission	20-Feb-09	19-Nov-09	B/K
Thysania zenobia D. Kent	LIBERTY: Cleveland	26-Sep-09		TBL
Ascalapha odorata	KAUFMAN: Becker	22-Jul-09		JMC
Eulepidotis micca	GONZALES: Palmetto SP	24-May-09		K/B
Anomis editrix	Hidalgo: Mission	25-Oct-09		CWB
Gonodonta bidens 2nd record from Texas	Hidalgo: Mission	19-Oct-09		B/K
Gonodonta fulvangua US RECORD	STARR: 1.6 mi. NE Rio Grande City	17-Nov-07		LK1
Gonodonta nitidimacula 2nd US Record	Hidalgo: Palmview	29-Oct-09		JMC
Gonodonta nitidimacula US RECORD	HIDALGO: Mission	29-Oct-09		CWB
Gonodonta pyrgo Jason Cole	KERR: Kerr-Schreiner Park	10-Jul-09		TBL
Gonodonta pyrgo	KAUFMAN: Becker	07-Aug-09		JMC
Gonodonta sinaldus	Hidalgo: Mission	17-Feb-09	11-Nov-09	CWB
Cecharismena jalapena US RECORD; det. by D. Lafontaine.	HIDALGO: Bentsen SP	17-Oct-08		B/K
Goniapteryx servia M. Heiman	MEDINA: 5 mi. N of Devine	16-Jul-09		TBL
Litoprosopus futilis	Hidalgo: Mission	24-Jun-09	23-Nov-09	B/K
Melipotis famelica	Hidalgo: Mission	15-Sep-09	12-Nov-09	B/K
Goniocarsia electrica	Hidalgo: Mission	22-Nov-09		CWB
Selenisa sueroides	KAUFMAN: Becker	08-Sep-09		JMC
Kakopoda progenies	Hidalgo: Mission	13-Sep-09	15-Sep-09	B/K
Ophisma tropicalis	Hidalgo: Mission	17-Sep-09	14-Oct-09	B/K
Dysgonia smithii	BANDERA: Hill Country SNA	26-May-09		K/B
Catocala agrippina 1st Catocala recorded from LRGV	HIDALGO: Mission	21-May-09		MR2
Catocala amatrix	KAUFMAN: Becker	25-Jun-09		JMC
Catocala atocala	Dallas: Dallas	17-Jun-09		DXC
Catocala clintoni	KAUFMAN: Kaufman	01-May-09		JMC
Catocala dejecta STATE RECORD	WISE: LBJ Grasslands	10-Jun-06		DXC
Catocala lacrymosa	KAUFMAN: Becker	25-Jun-09		JMC
Catocala lineella	KAUFMAN: Becker	04-Jul-09		JMC
Catocala maestosa	BELL: Lampasas River	11-Jul-09		RMK
Catocala minuta	KAUFMAN: Kaufman	12-May-09		JMC
Catocala neogama	BEE: Beeville	01-Jul-09	13-Jul-09	TBL
Catocala neogama	KAUFMAN: Becker	31-Aug-09		JMC
Catocala olivia	GONZALES: Palmetto SP	21-May-00		K/B
Catocala piatrix	KAUFMAN: Becker	09-Aug-09		JMC
Catocala pretiosa	KAUFMAN: Becker	15-May-09		JMC
Catocala texana	KAUFMAN: Kaufman	15-Jun-09		JMC

Maliattha concinnimacula M. Heiman	MEDINA: 5 mi. N of Devine	25-Oct-09	TBL
Tarachidia semiflava	KAUFMAN: Becker	01-Sep-09	JMC
Acontia chea	UVALDE: Concan	01-May-92	B/K
STATE RECORD; det. by D. Lafontaine.			
Acontia flavipennis	POTTER: Lake Meredith	18-May-09	JV
Acontia jaliscana	Hidalgo: Mission	28-Sep-09	24-Oct-09 B/K
Acontia terminimaculata	JEFFERSON: Beaumont	06-Jul-91	CWB
STATE RECORD			
Xerociris wilsonii	COMANCHE: Comanche	01-Sep-09	TBL
Euscirrhopterus cosyra M. Heiman	MEDINA: 5 mi. N of Devine	07-Jul-09	TBL
Pleromelloida arizonata	CULBERSON: GUMO: Pine Spring Campground	20-Oct-90	ECK
STATE RECORD			
Sympistis chons	POTTER: Lake Meredith	18-May-09	JV
Sympistis laticosta	WARD: Monahans	09-Jun-09	K/B
Pseudacontia crustaria	POTTER: Lake Meredith	18-May-09	JV
Cropia connecta	Hidalgo: Mission	03-Oct-09	25-Oct-09 B/K
Cropia templada	Hidalgo: Mission	02-Oct-09	25-Oct-09 B/K
Plagiomimicus caesium	HIDALGO: San Manuel	20-Sep-09	ECK
Stiria intermixta	Hidalgo: San Manuel	20-Sep-09	ECK
Chamaeclea basiochrea	Hidalgo: Mission	17-Sep-09	B/K
Schinia hanga	Hidalgo: San Manuel	20-Sep-09	ECK
Schinia meadi	POTTER: Lake Meredith	18-May-09	JV
Schinia mortua	KAUFMAN: Becker	08-Sep-09	JMC
Schinia oleagina	KAUFMAN: Becker	15-Aug-09	JMC
Schinia regia	Hidalgo: San Manuel	20-Sep-09	ECK
Schinia siren	Hidalgo: San Manuel	20-Sep-09	ECK
Schinia snowi	POTTER: Lake Meredith	18-May-09	JV
Callopietria floridensis	Hidalgo: Mission	15-Nov-09	23-Nov-09 CWB
Lithophane lemmeri	KAUFMAN: Becker	20-Nov-09	JMC
Copablepharon grandis	WARD: Monahans	09-Jun-09	K/B
Protopygia pallida	POTTER: Lake Meredith	18-May-09	JV
Noctua pronuba	WARD: 15 mi S of Monahans RA, SR20	08-Jun-09	K/B
STATE RECORD			

Zone 7 Ontario/Quebec

Ontario, Quebec

Coordinator: Jeffrey P. Crolla

Contributors Cited:

R-A : Ron Allensen

DB : David Bree

JC : Jeffrey P. Crolla

PWH : Peter Hall

MLL : Michael L. Leski

PDP : Paul D. Pratt

BCS : B. Chris Schmidt

R-Y : Robert Yukich

DDB : David D. Beadle

JRC : John Carley

D-D : Donald Davis

LH : Louis Handfield

C-M : Craig McLaughlan

CR3 : Chris Rickard

JPW : John P. Walas

RLB : Robert L. Bowles

SC : Stanley Caveney

JD : Julien Delisle

KEJ : Kyle E. Johnson

R-M : Robin McLeod

B-R : Bruce Ripley

AW : Alan Wormington

General Comments:

Late Spring and Summer in the Zone were cool, with both provinces experiencing near record amounts of rainfall in Summer and moderate temperatures but very few hot, humid days. Fall was mild and dry, with Toronto experiencing 19 straight days without rain, its longest dry spell since 1938. All of this translated into a very lacklustre year for lepidoptera.

Regular migrant species were present in low numbers, and there were very few southern strays. Notable were a Black Witch (*A. odorata*) in Simcoe Co., ON, in October, a very early immigrant *Pyrgus communis* at Point Pelee Nat. Pk. in late April, and the first *Euptoieta claudia* for Peterborough Co., ON.

The Western Bean Cutworm (*Striacosta albicosta*) continues its steady march eastward. It has now crossed Ontario and was reported for the first time this year from southwestern Quebec.

Chris Schmidt reports two new noctuids for Canada, *Paectes pygmaea* and *Neoligia semicana*, and David Beadle photographed the first Canadian record of *Phosphila turbulenta*, all from southern ON.

ONTARIO

Records of *Papilio cressphontes* north of Lake Ontario were few and scattered, except in Prince Edward Co. where breeding colonies produced two broods again this year, though numbers were down from last season. *Satyrium favonius ontario* was reported again from Lambton Co., and a singleton was also found on the Windsor Butterfly Count.

Kyle Johnson submitted several moth records from NW Ontario, where it was unseasonably cool with aspens just beginning to leaf out on 8 June, and Mike Leski collected in NE ON (Cochrane Dist.) and found colonies of *Cupido comyntas* at two locations in Haliburton Co. & Nipissing District.

In 2009 pheromone traps set out by the Ontario Ministry of Agriculture yielded over 1600 Western Bean Cutworm moths in 19 counties across southern ON, with feeding damage/larval activity noted in 3 additional counties.

Butterflies

HESPERIIDAE

<i>Epagyreus clarus</i> LATE; one fresh; date is approx. - reported as "very late Oct."	Elgin: 1 mi E Port Burwell, Monarch Landing Nursery	28-Oct-08		R-A
<i>Erynnis baptisiae</i> ca. 10 seen, new at this location	Elgin: 1 mi E Port Burwell, Monarch Landing Nursery	27-Jul-08	26-Sep-08	R-A
<i>Erynnis baptisiae</i> seen by Rayfield Pye	Durham: Whitby, Heber Down CA	12-Sep-09		JC
<i>Erynnis baptisiae</i> seen by Blake A. Mann; nectaring on Crown Vetch	Chatham-Kent: Erieau, McGeachy Pond	18-Sep-09		JC
<i>Erynnis baptisiae</i> seen by Ann White; on scat at trail entrance	Middlesex: SW of jct. Hwy.401 & Co. Rd. 73, The Bates Trail	24-Sep-09		JC
<i>Erynnis martialis</i> photo, one seen; most <i>C. americanus</i> areas burned earlier in yr.; nectaring on <i>Geranium maculatum</i> on hilltop in burn area	Northumberland: Alderville First Nation Reserve	30-May-09		R-Y
<i>Pyrgus communis</i> EARLY immigrant; one fresh male seen by Brandon Holden; during hot weather that produced an influx of immigrant species	Essex: Point Pelee NP, West Beach trail & parking lot	27-Apr-09		AW
<i>Amblyscirtes hegon</i> seen by Al Sinclair, photo; usually a few each year at only known location in District	Muskoka: Hwy.118E 8 km E Bracebridge	12-Jun-09		JC
<i>Polites themistocles</i> second gen. now seen regularly in E Ontario	Leeds-Grenville: Chaffeys Locks Rd. W Little Lake @ Cataraqi Trail	03-Aug-09		PWH
<i>Pompeius verna</i> a few; woodland edges & openings on abandoned farmland	Leeds-Grenville: Delta	25-Jul-09		JC
<i>Pompeius verna</i> photo	Leeds-Grenville: Chaffeys Locks Rd. W Little Lake @ Cataraqi Trail	03-Aug-09		PWH
<i>Anatrytone logan</i>	Peterborough: Methuen Twp., Sandy Lake Rd.	24-Jul-09		JRC
<i>Anatrytone logan</i> several, dry upland meadow	Leeds-Grenville: Delta	25-Jul-09		JC
<i>Anatrytone logan</i> LATE; record late date for Toronto	Metropolitan Toronto: Toronto, High Park	06-Aug-09		R-Y
<i>Poanes massasoit</i> two seen	Lennox & Addington: Kaladar Jack Pine Barrens	10-Jul-09		DB
<i>Poanes massasoit</i> 3 fresh seen; new at this location	Wellington: Crieff Bog	24-Jul-09		R-Y
<i>Poanes massasoit</i>	Peterborough: Methuen Twp., Sandy Lake Rd.	24-Jul-09		JRC
<i>Poanes viator</i> LATE; by Glenn Richardson, photo; sedges in recently cleared forest area	Perth: Listowel	19-Aug-09		JC
<i>Euphyes dion</i>	Peterborough: Methuen Twp., Sandy Lake Rd.	24-Jul-09		JRC

PAPILIONIDAE

<i>Eurytides marcellus</i> EARLY immigrant; photo; worn & weakened, clinging to Dames Rocket; 2nd brood individual	Elgin: 1 mi E Port Burwell, Monarch Landing Nursery	08-Jun-99		R-A
<i>Battus philenor</i> ovipositing on pipevine July 15-16; adults in late July, Aug & late Sep; 30 larvae on 3 vines Aug 25; also seen 2001&2007	Elgin: 1 mi E Port Burwell, Monarch Landing Nursery	15-Jul-08	25-Sep-08	R-A
<i>Papilio cressphontes</i> ovipositing on <i>Ptelea</i> July 18; pair in copula Sept. 17; larvae in various stages survived Sept./Oct. freezes and pupated	Elgin: 1 mi E Port Burwell, Monarch Landing Nursery	13-Jun-08	17-Sep-08	R-A
<i>Papilio cressphontes</i> 4 adults & 2 larvae (in Aug) seen by J. Dewey	Prince Edward: Elmbrook Rd.	21-May-09	10-Aug-09	DB
<i>Papilio cressphontes</i> seen by Yvette Bree	Prince Edward: Fish Lake Rd.	24-May-09		DB
<i>Papilio cressphontes</i> seen by D. Tyerman	Prince Edward: County Rd. 3	25-May-09		DB
<i>Papilio cressphontes</i> 23 seen by H. Heron	Prince Edward: Bloomfield	29-May-09	20-Sep-09	DB
<i>Papilio cressphontes</i> also Jeff Skevington; one worn seen on lilac	Frontenac: Opinicon Rd. just W Lake Opinicon, Lyndsey Trail	30-May-09		PWH
<i>Papilio cressphontes</i> seen by Mike Gurr & Tracey Forster	Halton: Halton Reg. Forest, Currie Tract, parking lot	14-Jun-09		JC

Papilio crespontes 15 seen by J. Dewey	Prince Edward: Sandbanks PP	15-Jun-09	01-Sep-09	DB
Papilio crespontes seen by H. Heron	Prince Edward: Millenium Trail E of Mallory Rd.	19-Jun-09		DB
Papilio crespontes	Durham: Port Hope, downtown park	04-Aug-09		C-M
Papilio crespontes 5 seen by J. Dewey	Prince Edward: Norton's Side Rd.	11-Aug-09		DB
Papilio crespontes seen by Bruce Ripley	Prince Edward: Milford	11-Aug-09		DB
Papilio crespontes seen by H. Heron	Prince Edward: Millenium Trail E of Wesley Acres Rd.	11-Aug-09		DB
Papilio crespontes 22 seen by Bruce Ripley	Prince Edward: Prince Edward Point	24-Aug-09	14-Sep-09	DB
Papilio crespontes larva	Prince Edward: Point Petre	04-Sep-09		DB
Papilio crespontes seen by John Powers; ovipositing on ornamental lime tree & Ruta graveolens	Waterloo: Breslau, Greenway Blooming Centre butterfly garden	06-Sep-09		D-D
Papilio polyxenes LATE, one fresh individual	Elgin: 1 mi E Port Burwell, Monarch Landing Nursery	17-Sep-08	18-Sep-08	R-A
Papilio troilus	Elgin: 1 mi E Port Burwell, Monarch Landing Nursery	10-May-08	22-Sep-08	R-A
Papilio troilus photo; one not-fresh male, nectaring on Buddleia	Metropolitan Toronto: Toronto, High Park	26-Aug-09		R-Y
PIERIDAE				
Colias philodice several	Cochrane: rd. along Pinard Ck. from Hwy.634 to Abitibi River	20-Aug-09	21-Aug-09	MLL
Colias philodice LATE; seen by H. Heron	Prince Edward: Bloomfield	12-Nov-09		DB
Colias philodice LATE	Northumberland: Presqu'île PP	13-Nov-09		DB
Pyrisitia lisa on flowers of lavender	Elgin: 1 mi E Port Burwell, Monarch Landing Nursery	22-Jul-08		R-A
LYCAENIDAE				
Feniseca tarquinius also Christine Hanrahan; 14 seen, photo; unusually numerous	Prescott-Russell: Larose Forest, Conc. 10 N of Clarence Cambridge	09-Jul-09		PWH
Satyrrium edwardsii six seen, photos	Lennox & Addington: Kaladar Jack Pine Barrens	10-Jul-09		DB
Satyrrium favonius ontario several seen by Blake A. Mann; scarce this year	Lambton: N of Wallaceburg	27-Jun-09	10-Jul-09	JC
Satyrrium favonius ontario seen & photographed by Jeff Larson (photo), Paul DesJardins & Ian Woodfield	Essex: LaSalle, Brunet Park	04-Jul-09		PDP
Callophrys eryphon photo	Nipissing: Algonquin PP, old airfield	18-May-09		B-R
Callophrys gryneus also Jeff Skevington	Hastings: Callaghan Rd., N Hwy.401 between Wyman & Plumb Rds	30-May-09		PWH
Callophrys henrici photo; rare in Park	Nipissing: Algonquin PP, old airfield	18-May-09		B-R
Strymon melinus a few; two broods noted this year	Elgin: 1 mi E Port Burwell, Monarch Landing Nursery	18-Sep-08		R-A
Strymon melinus seen by Blake A. Mann; EARLY immigrant	Chatham-Kent: Rondeau PP, N end	09-May-09		JC
Cupido comyntas several	Haliburton: Pine Springs Rd., ca. 11 km SE Baysville	08-Aug-09		MLL
Cupido comyntas several	Nipissing: roadside along Burritt's Creek nr. Hwy. 17	09-Aug-09		MLL
Celastrina serotina photo; ovipositing on leaf galls of Prunus serotina sapling	Norfolk: Wilson Tract	23-May-09		R-Y
Celastrina serotina photo; ovipositing on Prunus sp. (virginiana?) leaf galls	PETERBOROUGH: ca. 10 km S Lasswade, Sandy Lake Rd.	24-May-09		R-Y
Celastrina serotina two worn females on Prunus serotina saplings with abundant leaf galls	Durham: Glen Major CA, Walker Forest	06-Jun-09		R-Y
Celastrina serotina slightly worn; nr. cherry trees	Ottawa: Ottawa, Rideau River at Main St.	13-Jun-09		PWH
Celastrina serotina slightly worn; nr. cherry trees	Ottawa: Dunrobin, Bill Mason Centre	14-Jun-09		PWH
Glaucoopsyche lygdamus couperi photo, sev. fresh males; westernmost record for recent expansion in southern ON	NORFOLK: Wilson Tract	23-May-09		R-Y
Plebejus saepiolus several	Cochrane: rd. along Pinard Ck. from Hwy.634 to Abitibi River	20-Aug-09		MLL

NYMPHALIDAE

Libytheana carinenta	Elgin: 1 mi E Port Burwell, Monarch Landing Nursery	06-Jun-08	27-Sep-08	R-A
June date is EARLY; several seen late July to late Sept.				
Danaus plexippus	Elgin: 1 mi E Port Burwell, Monarch Landing Nursery	18-Sep-08		R-A
ca. 4,000 migrating adults observed				
Danaus plexippus	Metropolitan Toronto: Toronto Islands, Gibraltar Pt.	08-Nov-09		D-D
seen by Alfred Adamo				
Danaus plexippus	Essex: Holiday Beach CA	15-Nov-09		PDP
LATE				
Lethe anhedon	Leeds-Grenville: Delta	25-Jul-09	26-Jul-09	JC
two nectaring at hummingbird feeder until dusk (1800-2050h EDT), photo				
Euptoieta claudia	Elgin: 1 mi E Port Burwell, Monarch Landing Nursery	15-Jul-08	28-Sep-08	R-A
ovipositing on Viola (Johnny Jump-ups) on 15 July; several seen in late Aug and late Sep; also present in 2007				
Euptoieta claudia	PETERBOROUGH: ca.10 km S Lasswade, Sandy Lake Rd.	10-Jul-09		JC
seen by Jerry Ball & Tony Bigg; photo				
Speyeria aphrodite	Ottawa: Long Swamp, Howie Rd. extension	01-Sep-09		PWH
LATE, two worn seen				
Speyeria aphrodite	Ottawa: Corkery Rd. extension at hydro line	02-Sep-09		PWH
LATE, two worn seen				
Speyeria atlantis	Cochrane: rd. along Pinard Ck. from Hwy.634 to Abitibi River	20-Aug-09	21-Aug-09	MLL
several				
Limnitis arthemis	Cochrane: rd. along Pinard Ck. from Hwy.634 to Abitibi River	20-Aug-09	21-Aug-09	MLL
common				
Asterocampa celtis	Ottawa: Petrie Island trail	31-Jul-09		PWH
Asterocampa celtis	Waterloo: Cambridge	02-Sep-09	03-Sep-09	D-D
two photographed by John Powers; in garden				
Aglais milberti	Elgin: West Elgin, Gray Line (42°29'N, 81°38'W)	15-Mar-09		SC
EARLY				
Aglais milberti	Prince Edward: Bloomfield	12-Nov-09		DB
LATE; seen by H. Heron				
Nymphalis antiopa	Cochrane: rd. along Pinard Ck. from Hwy.634 to Abitibi River	20-Aug-09	21-Aug-09	MLL
common				
Nymphalis l-album j album	Prince Edward: Elmbrook Rd.	18-Mar-09		DB
EARLY; by Joanne Dewey; flying in shed				
Nymphalis l-album j album	Cochrane: rd. along Pinard Ck. from Hwy.634 to Abitibi River	20-Aug-09	21-Aug-09	MLL
common				
Polygonia comma	Prince Edward: Bloomfield	13-Nov-09		DB
LATE; seen by H. Heron				
Polygonia faunus	Cochrane: rd. along Pinard Ck. from Hwy.634 to Abitibi River	20-Aug-09	21-Aug-09	MLL
abundant				
Polygonia gracilis	Cochrane: rd. along Pinard Ck. from Hwy.634 to Abitibi River	20-Aug-09	21-Aug-09	MLL
common				
Polygonia progne	Cochrane: rd. along Pinard Ck. from Hwy.634 to Abitibi River	20-Aug-09	21-Aug-09	MLL
good numbers in recently forested areas				
Polygonia satyrus	Ottawa: Long Swamp, Howie Rd. extension	05-Jul-09		PWH
also Judy Hall & Tim Leah; 8 records in Ottawa area this yr. - normally very rare (single records in scattered yrs.)				
Polygonia satyrus	Prescott-Russell: Larose Forest, Conc. 10 N of Clarence Cambridge	09-Jul-09		PWH
also Christine Hanrahan				
Polygonia satyrus	PETERBOROUGH: ca.10 km S Lasswade, Sandy Lake Rd.	10-Jul-09		JC
seen by Jerry Ball & Tony Bigg; photo				
Polygonia satyrus	Cochrane: rd. along Pinard Ck. from Hwy.634 to Abitibi River	20-Aug-09		MLL
one male observed				
Junonia coenia	Elgin: 1 mi E Port Burwell, Monarch Landing Nursery	15-Jul-08	30-Sep-08	R-A
more numerous than usual this year				
Junonia coenia	Essex: Point Pelee NP, West Beach	04-Aug-09		R-Y
one seen, tattered				
Junonia coenia	PARRY SOUND: nr. Byng Inlet	11-Aug-09		JC
seen by Hugh Currie; very fresh; rare this far N				
Junonia coenia	Elgin: West Elgin, Gray Line (42°29'N, 81°38'W)	05-Oct-09		SC
.				
Phyciodes batesii	Ottawa: Long Swamp, Howie Rd. extension	24-Jun-09		PWH
.				
Phyciodes cocyta	Cochrane: rd. along Pinard Ck. from Hwy.634 to Abitibi River	21-Aug-09		MLL
one observed				

Moths

HEPIALIDAE

Korscheltellus lupulinus	Middlesex: Parkhill (village)	12-Jun-09		R-M
photo				

ELACHISTIDAE				
Agonopterix alstroemeriana photo	MIDDLESEX: Ailsa Craig		27-Mar-09	R-M
GELECHIIDAE				
Helcystogramma fernaldella photo	LENNOX & ADDINGTON: Camden East, Bethel Rd.		13-Jun-09	DB
GLYPHIPTERIGIDAE				
Glyphipterix haworthana	Thunder Bay: peatlands W of Raith		07-Jun-09	KEJ
CRAMBIDAE				
Sitochroa palealis photo	Middlesex: Parkhill CA		17-Aug-09	R-M
PYRALIDAE				
Pyralis costiferalis photo	PRINCE EDWARD: Sandbanks PP		16-Jul-09	DB
TORTRICIDAE				
Pseudexentera kalmiana	Thunder Bay: peatlands W of Raith		07-Jun-09	KEJ
GEOMETRIDAE				
Macaria truncataria	Thunder Bay: peatlands W of Raith		07-Jun-09	KEJ
Ematurga amitaria	KENORA: English River		08-Jun-09	KEJ
Cleora sublunaria photo	Frontenac: Kingsford Lake		02-May-09	DB
Dichorda iridaria photo	Frontenac: Kingsford Lake		17-Aug-09	DB
Hethemia pistasciaria	THUNDER BAY: peatlands W of Raith		07-Jun-09	KEJ
Mesothea incertata	Thunder Bay: peatlands W of Raith		07-Jun-09	KEJ
Heterophleps triguttaria photo	Hastings: Moira River at Hwy. 37		21-Jun-09	DB
THYATIRIDAE				
Euthyatira pudens one specimen of rare f. "pennsylvanica"; alvar habitat	Ottawa: Dunrobin		24-Apr-09	JD
SATURNIIDAE				
Dryocampa rubicunda three f. "alba"	Bruce: Cape Chin		26-Jun-08	CR3
Antheraea polyphemus	Peterborough: Harvey Twp., Sandy Lake		30-Jun-09	JRC
Actias luna	Thunder Bay: Raith		21-Jun-09	JPW
Actias luna	Peterborough: Harvey Twp., Sandy Lake		28-Jun-09	JRC
SPHINGIDAE				
Pachysphinx modesta	Thunder Bay: Raith		21-Jun-09	JPW
Hyles gallii larva; photo	Wellington: Elora-Cataract Trailway Km 42 (43.8°N, 80.03°W)		12-Oct-08	CR3
ARCTIIDAE				
Hypercompe scribonia larva; northern range extension	LANARK: Perth, 25 km WSW of		09-Sep-09	BCS
LYMANTRIIDAE				
Orgyia definita photo	Middlesex: Parkhill CA		21-Sep-09	R-M
NOCTUIDAE				
Thysania zenobia leg. E.G. Bailey, a "badly beaten up specimen"; via Robert Dirig & Mike Quinn	Niagara: St. Catharines, Grantham Shopping Plaza		07-Sep-68	JC
Ascalapha odorata found & photographed by Michael Monohan; fresh female; article by RLB & photo in Orillia Packet & Times Nov. 7, 2009	SIMCOE: Lisle		01-Oct-09	RLB
Phoberia atomaris photo	FRONTENAC: Kingsford Lake		02-May-09	DB
Phoberia atomaris photo	Middlesex: Ailsa Craig		20-May-09	R-M
Zale curema photo, Det. by JC; few ON records; found during KFN BioBlitz	LENNOX & ADDINGTON: Camden East, Bethel Rd.		13-Jun-09	DB
Catocala subnata photo	Frontenac: Kingsford Lake		15-Aug-09	DB
Paectes pygmaea CANADA RECORD; leg. Jim Troubridge	NORFOLK: St. Williams		05-Aug-05	BCS
Psychomorpha epimenis three seen by Joanne Dewey; back pit panne, Richardsons campground, Dunes Beach	Prince Edward: Sandbanks PP		06-May-09	22-May-09 DB
Psychomorpha epimenis significant northern range extension	OTTAWA: Bells Corners		13-May-09	BCS
Phosphila turbulenta CANADA RECORD; photo; Det. by J.D. Lafontaine	CHATHAM-KENT: Rondeau PP		24-Jul-09	DDB

<i>Heliothis acacias</i> few Canadian records	Leeds-Grenville: Greenfield, Charleston Lake	07-Jun-08		BCS
<i>Heliothis acacias</i> photos, Det. by JC	LENNOX & ADDINGTON: Camden East, Bethel Rd.	13-Jun-09		DB
<i>Schinia arcigera</i> photo	Frontenac: Kingsford Lake	15-Aug-09		DB
<i>Neoligia semicana</i> CANADA RECORD; leg. Jim Troubridge	LANARK: Pakenham alvar	29-Jun-05		BCS
<i>Papaipema birdi</i> photo; Det. by JC	MIDDLESEX: Parkhill CA	21-Sep-09		R-M
<i>Papaipema furcata</i> photo	Middlesex: Parkhill CA	21-Sep-09		R-M
<i>Papaipema rigida</i> two seen; photo	MIDDLESEX: Parkhill CA	21-Sep-09		R-M
<i>Lithophane disposita</i> photo	MIDDLESEX: Ailsa Craig	16-Sep-09		R-M
<i>Orthosia segregata</i> very common in alvar habitat; not observed on April 16 & May 8	Ottawa: Dunrobin	24-Apr-09		JD
<i>Lacinipolia implicata</i> few Canadian records	Leeds-Grenville: Greenfield, Charleston Lake	04-Sep-08		BCS
<i>Lacinipolia implicata</i> 3 or 4 seen both nights, fresh; photos, Det. by JC; few ON records	Frontenac: Kingsford Lake	15-Aug-09	16-Aug-09	DB
<i>Lacinipolia meditata</i> photo	Frontenac: Kingsford Lake	16-Aug-09		DB
<i>Striacosta albicosta</i>	PARRY SOUND: Portage Lake (45°13'N, 79°48'W)	17-Aug-09		DDB

QUEBEC

The Western Bean Cutworm was recorded for the first time in the province at several locations in southwestern Quebec in pheromone traps set out by MAPAQ (Quebec Ministry of Agriculture) (fide Louis Handfield), and a few were taken independently at light by Daniel Handfield and Julien Delisle. Mike Leski submitted a report on a collecting trip in the southern James Bay region.

Butterflies

HESPERIIDAE

<i>Ancyloxypha numitor</i> also Max L'arrivee; one seen on road in Beech-Maple woods; very unusual location	Outaouais: Ch. Paugan 14 km E of Low	10-Jul-09		PWH
<i>Thymelicus lineola</i> several	Baie-James: R1002 NE of Lac Bigniba	10-Aug-09		MLL
<i>Hesperia comma</i>	Baie-James: R1030 between Lac Pointeau & Lac Mistassini	13-Aug-09		MLL
<i>Hesperia comma</i>	Baie-James: R1050 from Rivière Wedding to Hwy.113	16-Aug-09		MLL
<i>Polites mystic</i> several	Baie-James: R1005 from Lac Olga to Rivière Baptiste	11-Aug-09	18-Aug-09	MLL
<i>Polites peckius</i> several	Baie-James: R1005 from Lac Olga to Rivière Baptiste	11-Aug-09	18-Aug-09	MLL
<i>Anatrytone logan</i> mudpuddling; photo	Outaouais: Luskville Falls, end of Ch. De L'Hôtel-De-Ville	15-Jul-09		PWH
<i>Euphyes dion</i> two seen, photo; mudpuddling	Outaouais: Luskville Falls, end of Ch. De L'Hôtel-De-Ville	15-Jul-09		PWH
<i>Euphyes vestris</i> several	Baie-James: R1002 NE of Lac Bigniba	10-Aug-09		MLL
<i>Euphyes vestris</i>	Baie-James: R1050 from Rivière Wedding to Hwy.113	16-Aug-09		MLL

PAPILIONIDAE

<i>Papilio canadensis</i> LATE	Outaouais: Ch. du Lac-la-Pêche 4km E Ch. Eardley-Masham	15-Jul-09		PWH
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PIERIDAE

<i>Pieris oleracea</i> rare	Baie-James: R1005 from Lac Olga to Rivière Baptiste	11-Aug-09	18-Aug-09	MLL
<i>Pieris rapae</i>	Baie-James: R1005 from Lac Olga to Rivière Baptiste	18-Aug-09		MLL
<i>Pieris rapae</i> common	Baie-James: R1002 NE of Lac Bigniba	19-Aug-09		MLL
<i>Colias interior</i> several	Baie-James: R1002 NE of Lac Bigniba	10-Aug-09		MLL
<i>Colias interior</i> abundant	Baie-James: R1005 from Lac Olga to Rivière Baptiste	11-Aug-09	18-Aug-09	MLL
<i>Colias interior</i>	Baie-James: R1030 between Lac Pointeau & Lac Mistassini	14-Aug-09		MLL
<i>Colias interior</i> several	Baie-James: R1050 from Rivière Wedding to Hwy.113	16-Aug-09		MLL
<i>Colias philodice</i> abundant	Baie-James: R1002 NE of Lac Bigniba	10-Aug-09	19-Aug-09	MLL

Colias philodice abundant	Baie-James: R1005 from Lac Olga to Rivière Baptiste	11-Aug-09	18-Aug-09	MLL
Colias philodice common	Baie-James: R1030 between Lac Pointeau & Lac Mistassini	13-Aug-09	14-Aug-09	MLL
Colias philodice common	Saguenay-Lac-St-Jean: forest rd. from Hwy.167 to Lac Christain	15-Aug-09		MLL
Colias philodice common	Baie-James: R1050 from Rivière Wedding to Hwy.113	16-Aug-09		MLL
LYCAENIDAE				
Feniseca tarquinius	Baie-James: R1002 NE of Lac Bigniba	10-Aug-09		MLL
Feniseca tarquinius	Saguenay-Lac-St-Jean: forest rd. from Hwy.167 to Lac Christain	15-Aug-09		MLL
Feniseca tarquinius	Baie-James: R1005 from Lac Olga to Rivière Baptiste	18-Aug-09		MLL
Lycaena epixanthe several	Baie-James: R1002 NE of Lac Bigniba	10-Aug-09		MLL
Lycaena epixanthe common	Baie-James: ditches along R1005 nr. Matagami	11-Aug-09	18-Aug-09	MLL
Lycaena epixanthe several	Baie-James: R1030 between Lac Pointeau & Lac Mistassini	13-Aug-09	14-Aug-09	MLL
Satyrrium liparops only theclinae encountered on trip	Saguenay-Lac-St-Jean: forest rd. from Hwy.167 to Lac Christain	15-Aug-09		MLL
Celastrina ladon several	Baie-James: R1030 between Lac Pointeau & Lac Mistassini	13-Aug-09	14-Aug-09	MLL
Plebejus idas	Baie-James: R1002 NE of Lac Bigniba	10-Aug-09		MLL
Plebejus saepiolus several	Baie-James: R1030 between Lac Pointeau & Lac Mistassini	13-Aug-09	14-Aug-09	MLL
NYMPHALIDAE				
Lethe anthedon	Baie-James: R1002 NE of Lac Bigniba	10-Aug-09		MLL
Lethe anthedon several in late afternoon	Baie-James: R1005 from Lac Olga to Rivière Baptiste	11-Aug-09	18-Aug-09	MLL
Speyeria aphrodite several	Baie-James: R1002 NE of Lac Bigniba	10-Aug-09		MLL
Speyeria aphrodite	Baie-James: R1005 from Lac Olga to Rivière Baptiste	12-Aug-09		MLL
Speyeria atlantis common	Baie-James: R1002 NE of Lac Bigniba	10-Aug-09	19-Aug-09	MLL
Speyeria atlantis common	Baie-James: R1005 from Lac Olga to Rivière Baptiste	11-Aug-09	18-Aug-09	MLL
Speyeria atlantis common	Baie-James: R1030 between Lac Pointeau & Lac Mistassini	13-Aug-09	14-Aug-09	MLL
Speyeria atlantis common	Saguenay-Lac-St-Jean: forest rd. from Hwy.167 to Lac Christain	15-Aug-09		MLL
Speyeria atlantis common	Baie-James: R1050 from Rivière Wedding to Hwy.113	16-Aug-09		MLL
Speyeria cybele several	Baie-James: R1002 NE of Lac Bigniba	10-Aug-09		MLL
Boloria selene atrocotalis rare	Baie-James: R1005 from Lac Olga to Rivière Baptiste	11-Aug-09	12-Aug-09	MLL
Boloria selene atrocotalis several	Baie-James: R1030 between Lac Pointeau & Lac Mistassini	13-Aug-09		MLL
Boloria chariclea several	Baie-James: R1002 NE of Lac Bigniba	10-Aug-09		MLL
Boloria chariclea common	Baie-James: R1005 from Lac Olga to Rivière Baptiste	11-Aug-09	12-Aug-09	MLL
Boloria chariclea several	Baie-James: R1030 between Lac Pointeau & Lac Mistassini	14-Aug-09		MLL
Boloria chariclea several	Baie-James: R1050 from Rivière Wedding to Hwy.113	16-Aug-09		MLL
Limnitis arthemis common	Baie-James: R1002 NE of Lac Bigniba	10-Aug-09	19-Aug-09	MLL
Limnitis arthemis common	Baie-James: R1005 from Lac Olga to Rivière Baptiste	11-Aug-09	18-Aug-09	MLL
Limnitis arthemis common	Baie-James: R1030 between Lac Pointeau & Lac Mistassini	13-Aug-09	14-Aug-09	MLL
Limnitis arthemis common	Saguenay-Lac-St-Jean: forest rd. from Hwy.167 to Lac Christain	15-Aug-09		MLL
Limnitis arthemis common	Baie-James: R1050 from Rivière Wedding to Hwy.113	16-Aug-09		MLL
Aglais milberti rare	Baie-James: R1005 from Lac Olga to Rivière Baptiste	11-Aug-09	18-Aug-09	MLL

<i>Nymphalis antiopa</i> several	Baie-James: R1002 NE of Lac Bigniba	10-Aug-09		MLL
<i>Nymphalis antiopa</i> common	Baie-James: R1005 from Lac Olga to Rivière Baptiste	11-Aug-09	18-Aug-09	MLL
<i>Nymphalis antiopa</i> common	Baie-James: R1030 between Lac Pointeau & Lac Mistassini	13-Aug-09	14-Aug-09	MLL
<i>Nymphalis antiopa</i> common	Saguenay-Lac-St-Jean: forest rd. from Hwy.167 to Lac Christain	15-Aug-09		MLL
<i>Nymphalis antiopa</i> common	Baie-James: R1050 from Rivière Wedding to Hwy.113	16-Aug-09		MLL
<i>Nymphalis l-album j album</i> abundant	Baie-James: R1002 NE of Lac Bigniba	10-Aug-09	19-Aug-09	MLL
<i>Nymphalis l-album j album</i> hundred's seen, males everywhere,	Baie-James: R1005 from Lac Olga to Rivière Baptiste	11-Aug-09	18-Aug-09	MLL
<i>Nymphalis l-album j album</i> abundant	Saguenay-Lac-St-Jean: forest rd. from Hwy.167 to Lac Christain	15-Aug-09		MLL
<i>Nymphalis l-album j album</i> abundant	Baie-James: R1050 from Rivière Wedding to Hwy.113	16-Aug-09		MLL
<i>Polygonia faunus</i> abundant	Baie-James: R1002 NE of Lac Bigniba	10-Aug-09	19-Aug-09	MLL
<i>Polygonia faunus</i> nearly a thousand observed daily	Baie-James: R1005 from Lac Olga to Rivière Baptiste	11-Aug-09	18-Aug-09	MLL
<i>Polygonia faunus</i> common	Baie-James: R1030 between Lac Pointeau & Lac Mistassini	13-Aug-09	14-Aug-09	MLL
<i>Polygonia faunus</i> abundant	Saguenay-Lac-St-Jean: forest rd. from Hwy.167 to Lac Christain	15-Aug-09		MLL
<i>Polygonia faunus</i> abundant	Baie-James: R1050 from Rivière Wedding to Hwy.113	16-Aug-09		MLL
<i>Polygonia gracilis</i> two	Baie-James: R1002 NE of Lac Bigniba	10-Aug-09		MLL
<i>Polygonia gracilis</i> common in disturbed areas near currants	Baie-James: R1005 from Lac Olga to Rivière Baptiste	11-Aug-09	18-Aug-09	MLL
<i>Polygonia gracilis</i> mainly near beaver dams	Baie-James: R1030 between Lac Pointeau & Lac Mistassini	13-Aug-09	14-Aug-09	MLL
<i>Polygonia gracilis</i> common	Saguenay-Lac-St-Jean: forest rd. from Hwy.167 to Lac Christain	15-Aug-09		MLL
<i>Polygonia gracilis</i> locally abundant near Wedding River (disturbed area)	Baie-James: R1050 from Rivière Wedding to Hwy.113	16-Aug-09		MLL
<i>Polygonia progne</i> rare, often observed near beaver dams	Baie-James: R1005 from Lac Olga to Rivière Baptiste	12-Aug-09	18-Aug-09	MLL
<i>Polygonia progne</i> rare	Baie-James: R1030 between Lac Pointeau & Lac Mistassini	13-Aug-09	14-Aug-09	MLL
<i>Polygonia progne</i> common	Baie-James: R1050 from Rivière Wedding to Hwy.113	16-Aug-09		MLL
<i>Polygonia satyrus</i> also Max L'arrivee; photo	Outaouais: Ch. Paugan 14 km E of Low	10-Jul-09		PWH
<i>Polygonia satyrus</i> two seen, photo	Outaouais: Ch. du Lac-la-Pêche, 4km/5.5km E Ch. Eardley-Masham	15-Jul-09		PWH
<i>Polygonia satyrus</i> one female	Baie-James: R1002 NE of Lac Bigniba	10-Aug-09		MLL
<i>Polygonia satyrus</i> rare, males widely dispersed, females along shaded roads, near ski-doo trails or other damp sites with nettles	Baie-James: R1005 from Lac Olga to Rivière Baptiste	11-Aug-09	18-Aug-09	MLL
<i>Chlosyne nycteis</i>	Outaouais: Luskville Falls, end of Ch. De L'Hôtel-De-Ville	12-Jul-09		PWH
<i>Phyciodes cocyta</i>	Baie-James: R1002 NE of Lac Bigniba	10-Aug-09		MLL

Moths

SPHINGIDAE

<i>Darapsa versicolor</i>	Outaouais: Cantley	08-Jul-08		JD
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NOCTUIDAE

<i>Catocala badia coelebs</i> northern range extension in QC	Abitibi-Témisc. : La Ferme (48°36'N, 78°13'W)	23-Aug-08		JD
<i>Capis archaia</i>	Montréal: nr. Lac Saint-François	21-Jul-07		JD
<i>Adita chionanthi</i>	Outaouais: Cantley	31-Aug-08		JD
<i>Sympistis dentata</i>	Abitibi-Témisc. : La Ferme (48°36'N, 78°13'W)	23-Aug-08		JD
<i>Apamea nigror</i>	Outaouais: Cantley	01-Jul-08		JD
<i>Neoligia canadensis</i> two specimens	Outaouais: Cantley	01-Jul-08		JD
<i>Xylotype acadia</i>	Abitibi-Témisc. : La Ferme (48°36'N, 78°13'W)	23-Aug-08		JD

Striacosta albicosta	OUTAOUAIS: Shawville	21-Jul-09	18-Aug-09	LH
PROVINCIAL RECORD; on 4 dates; collected in pheromone traps by MAPAQ				
Striacosta albicosta	Montréal: Ormstown	22-Jul-09		LH
collected in pheromone traps by MAPAQ				
Striacosta albicosta	Centre-du-Québec: Nicolet	30-Jul-09	13-Aug-09	LH
collected in pheromone traps by MAPAQ				
Striacosta albicosta	Outaouais: Lac Delahey	30-Jul-09		LH
two specimens at light leg. Daniel Handfield				
Striacosta albicosta	Montréal: St-Mathieu-de-Beloeil	04-Aug-09		LH
collected in pheromone traps by MAPAQ				
Striacosta albicosta	Outaouais: Cantley	14-Aug-09		JD
one specimen at light				

Zone 8 Midwest

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

Coordinator: Leslie A. Ferge

Contributors Cited:

DWB : Dwayne R. Badgero
 RPD : Robert P. Dana
 ETH : E. Ted Herig
 MM : Megan McCarty
 SJP : Stephen J. Parshall
 JS5 : John Shier
 WTJ : William H. Taft, Jr.

GJB : George J. Balogh
 JAE : James E. Ebner
 KEJ : Kyle E. Johnson
 MCN : Mogens C. Nielsen
 OAP : Owen A. Perkins
 JS6 : James Sogaard
 PT1 : Paul Thompson

SCB : Steven C. Bransky
 LAF : Leslie A. Ferge
 PWM : Paul W. Martsching
 FO : Frank Olsen
 JAS : James A. Scott
 SAS : Scott & Ann Swengel
 JWJ : John Weber, Jr

General Comments:

Detailed reports of general conditions were only received from the northern part of the zone. Spring emergences were delayed, and summer tended to be on the cool side. The downward trend in Lepidoptera numbers reported the past several seasons continues, with most species, including usually common ones, well below average. Prairie associated butterflies including *Oarisma powesheik*, *Hesperia ottoe* and *Speyeria idalia* continue their precipitous decline, which is associated with overzealous burning of prairie preserves. Migratory and stray species were scarce northward, with most records being of single individuals. Introduced moth species continue to invade and spread, with *Hyles euphorbiae* and *Chloroclystis rectangulata* reported for the first time in Wisconsin. The Geometrid *Idaea dimidata* is well-established in Keweenaw County, Michigan. *Calophasia lunula* and the crambid *Sitochroa palealis* are becoming more widespread and common.

ILLINOIS

Butterflies

NYMPHALIDAE

<i>Danaus plexippus</i>	Cook: Evanston	29-Aug-09		SJP
<i>Junonia coenia</i>	Cook: Evanston	19-Aug-09		SJP

Moths

PSYCHIDAE

<i>Thyridopteryx ephemeraeformis</i>	Cook: Chicago	28-Mar-09		KEJ
cocoons attached to cultivated <i>Rosa</i> spp.				

GEOMETRIDAE

<i>Paleacrita vernata</i>	Cook: Evanston	18-Mar-09		SJP
<i>Nematocampa resistaria</i>	Cook: Evanston	04-Jul-09		SJP
<i>Eulithis diversilineata</i>	Cook: Evanston	03-Aug-09		SJP

SPHINGIDAE

<i>Ceratonia undulosa</i>	Cook: Evanston	25-Jun-09		SJP
<i>Hyles lineata</i>	Cook: Evanston	23-Aug-09		SJP

NOCTUIDAE

<i>Caenurgina erechthea</i>	Porter: Portage	16-May-09		SJP
<i>Catocala judith</i>	Cook: Evanston	12-Aug-09		SJP
<i>Catocala palaeogama</i>	Cook: Evanston	23-Aug-09		SJP
<i>Acronicta interrupta</i>	Cook: Evanston	14-May-09		SJP
<i>Copivaleria grotei</i>	Cook: Evanston	18-Apr-09	26-Apr-09	SJP
<i>Noctua pronuba</i>	Cook: Chicago	18-Jul-09		SJP

INDIANA

Butterflies

HESPERIIDAE

<i>Staphylus hayhurstii</i>	Switzerland: Patriot	26-May-09		MM
<i>Erynnis baptisiae</i>	Switzerland: Patriot	04-Apr-09	28-Aug-09	MM
<i>Erynnis horatius</i>	Switzerland: Patriot	12-May-09	31-Aug-09	MM
<i>Pyrgus communis</i>	Switzerland: Patriot	05-Oct-09		MM
<i>Amblyscirtes hegon</i>	Switzerland: Patriot	17-May-09	29-May-09	MM
<i>Nastra lherminier</i>	Switzerland: Patriot	23-May-09	31-Aug-09	MM
<i>Atalopedes campestris</i>	Switzerland: Patriot	05-Oct-09		MM
<i>Polites origenes</i>	Switzerland: Patriot	06-Jun-09	07-Jul-09	MM
<i>Poanes zabulon</i>	Switzerland: Patriot	12-May-09	12-Aug-09	MM

PAPILIONIDAE

<i>Eurytides marcellus</i>	Switzerland: Patriot	02-Apr-09	26-Jul-09	MM
<i>Battus philenor</i>	Switzerland: Patriot	17-May-09	23-May-09	MM
<i>Papilio cresphontes</i>	Switzerland: Patriot	20-May-09		MM
<i>Papilio glaucus</i>	Switzerland: Patriot	20-May-09	12-Aug-09	MM
<i>Papilio polyxenes</i>	Switzerland: Patriot	01-Apr-09	31-Aug-09	MM
<i>Papilio troilus</i>	Switzerland: Patriot	25-Apr-09	05-Oct-09	MM

PIERIDAE

<i>Pontia protodice</i>	Switzerland: Patriot	12-Jun-09	20-Jun-09	MM
<i>Anthocharis midea</i>	Switzerland: Patriot	05-Apr-09	20-May-09	MM
<i>Phoebis sennae</i>	Switzerland: Patriot	07-Jun-09	21-Sep-09	MM
<i>Abaeis nicippe</i>	Switzerland: Patriot	21-Jun-09	26-Jul-09	MM

LYCAENIDAE

<i>Callophrys gryneus</i>	Switzerland: Patriot	23-Apr-09	27-Apr-09	MM
<i>Callophrys henrici</i>	Switzerland: Patriot	30-Mar-09	26-Apr-09	MM
<i>Strymon melinus</i>	Switzerland: Patriot	12-May-09	07-Oct-09	MM

NYMPHALIDAE

<i>Libytheana carinenta</i>	Switzerland: Patriot	16-Jul-09	05-Oct-09	MM
<i>Danaus plexippus</i>	Switzerland: Patriot	16-May-09	07-Oct-09	MM
<i>Lethe anhedon</i>	Switzerland: Patriot	17-May-09	13-Jun-09	MM
<i>Cyllopsis gemma</i> record from Ichiro Nakamura, one male collected, several others seen	MONROE: Hoosier NF, S of Tower Ridge Rd.	05-May-09		LAF
<i>Cyllopsis gemma</i>	Switzerland: Patriot	26-May-09		MM
<i>Boloria bellona</i>	Switzerland: Patriot	24-Apr-09		MM
<i>Vanessa cardui</i>	Switzerland: Patriot	18-Apr-09	05-Oct-09	MM
<i>Junonia coenia</i>	Switzerland: Patriot	07-Jun-09	07-Oct-09	MM

Moths

OECOPHORIDAE

<i>Antaeotricha leucillana</i>	Switzerland: Patriot	06-May-09		MM
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COLEOPHORIDAE

<i>Coleophora mayrella</i>	Switzerland: Patriot	01-Jun-09		MM
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THYRIDIDAE

<i>Dysodia oculatana</i>	Switzerland: Patriot	02-Jun-09	15-Jun-09	MM
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CRAMBIDAE

<i>Crambus laqueatellus</i>	Switzerland: Patriot	09-Jun-09		MM
<i>Desmia funeralis</i>	Switzerland: Patriot	04-May-09	03-Jun-09	MM
<i>Palpita magniferalis</i>	Switzerland: Patriot	29-Jul-09		MM
<i>Perispasta caeculalis</i>	Switzerland: Patriot	26-Apr-09		MM
<i>Polygrammodes flavidalis</i>	Switzerland: Patriot	23-Jul-09	29-Jul-09	MM
<i>Polygrammodes langdonalis</i>	Switzerland: Patriot	31-Jul-09		MM

PYRALIDAE

<i>Hypsopygia costalis</i>	Switzerland: Patriot	04-Aug-09	20-Aug-09	MM
<i>Dolichomia olinalis</i>	Switzerland: Patriot	02-Jun-09	19-Jun-09	MM

ZYGAENIDAE

<i>Harrisina americana</i>	Switzerland: Patriot	31-May-09		MM
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LIMACODIDAE

<i>Lithacodes fasciola</i>	Switzerland: Patriot	09-Jun-09		MM
<i>Euclea delphinii</i>	Switzerland: Patriot	16-Jun-09		MM
<i>Parasa chloris</i>	Switzerland: Patriot	20-Jul-09		MM

GEOMETRIDAE

<i>Heliomata cycladata</i>	Switzerland: Patriot	31-May-09	09-Jun-09	MM
<i>Enconista dislocaria</i>	Switzerland: Patriot	30-Apr-09		MM

Mellilla xanthometata	Switzerland: Patriot	05-May-09	21-Jul-09	MM
Tornos scolopacinarius	Switzerland: Patriot	26-Apr-09	24-Aug-09	MM
Epimecis hortaria	Switzerland: Patriot	29-Apr-09		MM
Ennomos magnaria	Switzerland: Patriot	29-Sep-09		MM
Plagodis kuetzingi	Switzerland: Patriot	29-Jul-09	31-Jul-09	MM
APATELODIDAE				
Olceclostera angelica	Switzerland: Patriot	02-Jun-09	31-Jul-09	MM
MIMALLONIDAE				
Lacosoma chiridota	Switzerland: Patriot	02-Jun-09		MM
SATURNIIDAE				
Eacles imperialis	Switzerland: Patriot	18-Jun-09	28-Jul-09	MM
Citheronia regalis	Switzerland: Patriot	21-Jul-09		MM
Sphingicampa bicolor	Switzerland: Patriot	01-May-09	04-May-09	MM
Sphingicampa bisecta	Switzerland: Patriot	16-Aug-09		MM
Automeris io	Switzerland: Patriot	17-Jun-09	18-Jul-09	MM
Antheraea polyphemus	Switzerland: Patriot	26-Apr-09	01-May-09	MM
Actias luna	Switzerland: Patriot	26-Apr-09	27-Aug-09	MM
Callosamia promethea	Switzerland: Patriot	30-Apr-09		MM
Hyalophora cecropia	Switzerland: Patriot	07-May-09		MM
SPHINGIDAE				
Manduca sexta	Switzerland: Patriot	17-Jun-09	21-Aug-09	MM
Ceratomia hageni	Switzerland: Patriot	02-May-09	05-May-09	MM
Amorpha juglandis	Switzerland: Patriot	27-Apr-09		MM
Sphecodina abbotii	Switzerland: Patriot	01-May-09	05-May-09	MM
Deidamia inscriptum	Switzerland: Patriot	26-Apr-09	05-May-09	MM
Hyles lineata	Switzerland: Patriot	17-Aug-09		MM
ARCTIIDAE				
Cisthene plumbea	Switzerland: Patriot	23-Aug-09	25-Aug-09	MM
Cisthene subjecta	Switzerland: Patriot	26-Aug-09		MM
Hypercompe scribonia	Switzerland: Patriot	31-May-09	19-Jun-09	MM
Haploa clymene	Switzerland: Patriot	20-Jul-09	21-Jul-09	MM
Haploa contigua	Switzerland: Patriot	31-May-09		MM
Cycnia inopinatus	Switzerland: Patriot	26-Apr-09	02-Jun-09	MM
Cycnia tenera	Switzerland: Patriot	31-May-09	25-Aug-09	MM
NOCTUIDAE				
Scolecocampa liburna	Switzerland: Patriot	27-Jul-09		MM
Plusiodonta compressipalpis	Switzerland: Patriot	26-Apr-09		MM
Euparthenos nubilis	Switzerland: Patriot	01-May-09	03-Jun-09	MM
Catocala angusi	Switzerland: Patriot	18-Aug-09		MM
Catocala nebulosa	Switzerland: Patriot	17-Aug-09		MM
Catocala neogama	Switzerland: Patriot	23-Jul-09	04-Aug-09	MM
Catocala palaeogama	Switzerland: Patriot	28-Jul-09		MM
Paectes abrostoloides	Ohio : Bennington	24-Apr-09		MM
Thioptera nigrofimbria	Switzerland: Patriot	21-Jul-09	26-Jul-09	MM
Spragueia leo	Switzerland: Patriot	30-Jul-09	31-Jul-09	MM
Eudryas grata	Ohio : Bennington	24-Apr-09		MM
Eudryas grata	Switzerland: Patriot	16-Jun-09	31-Jul-09	MM
Eudryas unio	Switzerland: Patriot	01-Jun-09	20-Aug-09	MM
Psychomorpha epimenis	Switzerland: Patriot	16-Apr-09		MM
Alypia octomaculata	Switzerland: Patriot	17-Apr-09		MM
Cirrhophanus triangulifer	Switzerland: Patriot	29-Aug-09		MM
Papaipema inquaesita	Switzerland: Patriot	25-Oct-09		MM
Ochropleura implecta	Switzerland: Patriot	31-Jul-09		MM
Choephora fungorum	Switzerland: Patriot	27-Sep-09	26-Oct-09	MM
Noctua pronuba	Switzerland: Patriot	02-Jun-09	18-Jun-09	MM

IOWA

Butterflies

HESPERIIDAE

Hesperia leonardus	Fremont: Waubonsie State Park	06-Sep-09		FO
Atalopedes campestris	Pocahontas: Kalsow Prairie	28-Aug-09		FO
Problema byssus	Linn: Rock Island Preserve	31-Jul-09		FO
Euphyes conspicua	Pocahontas: Kalsow Prairie	13-Jul-09		FO

PIERIDAE

Pontia protodice	Pocahontas : Wiegert Prairie	28-Aug-09		FO
Phoebis sennae	Iowa: Indiangrass Hills	20-Jul-09	29-Jul-09	FO

LYCAENIDAE

Lycaena dione	Shelby: Dinesen Prairie	06-Jul-09		FO
Echinargus isola	Lyon: Gitche Manitou (north)	04-Jun-09		FO

NYMPHALIDAE

Danaus plexippus	Pocahontas: Kalsow Prairie	28-Aug-09	08-Sep-09	FO
Lethe anthedon	Iowa: Indiangrass Hills	24-Aug-09		FO
Lethe anthedon	Fremont: Waubonsie State Park	06-Sep-09		FO
Speyeria idalia	Webster: Liska-Stanek Prairie	05-Jul-09		FO
Speyeria idalia	Guthrie: Sheeder Prairie	07-Jul-09		FO
Boloria bellona	Iowa: Indiangrass Hills	14-Aug-09		FO
Polygonia progne	Iowa: Indiangrass Hills	02-Sep-09		FO
Chlosyne gorgone	Guthrie: Sheeder Prairie	21-May-09	07-Jul-09	FO
Chlosyne nycteis	Guthrie: Sheeder Prairie	14-Jun-09		FO
Phyciodes cocyta diminutor	BUCHANAN: Rowley Fen	15-Jun-85		JAS
STATE RECORD, reported as Phyciodes diminutor, (illustrated p.167 of Butterflies of Iowa)				
Phyciodes cocyta diminutor	WORTH: Elk Creek Wildlife Area	08-Sep-09	10-Sep-09	JAS
reported as Phyciodes diminutor, 1 male 2 females				

Moths**GEOMETRIDAE**

Macaria ribearia	Story: Ames	08-Jul-09		PWM
Erastria coloraria	Story: Ames	24-Jul-09		PWM
Lychnosea intermicata	Story: Ames	19-Sep-08		PWM
Eugonobapta nivosaria	Story: Ames	11-Jul-09		PWM
Coryphista meadii	Story: Ames	13-Jul-09		PWM

DREPANIDAE

Eudeilinia herminiata	Story: Ames	13-Aug-09		PWM
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NOCTUIDAE

Phoberia atomaris	Story: Ames	24-Apr-09		PWM
Balsa tristrigella	Story: Ames	03-Jun-09		PWM
Macronoctua onusta	Story: Ames	30-Sep-09		PWM
Lithophane signosa	Story: Ames	30-Sep-09	07-Oct-09	PWM
Lithophane unimoda	Story: Ames	19-Oct-09		PWM
Eupsilia morrisoni	Story: Ames	03-Nov-08		PWM
Orthosia hibisci	Story: Ames	16-Apr-09		PWM

MICHIGAN

Johnson reported that numbers were severely down for virtually all species. Many common species were scarce or not observed at all. The recent passing of Owen A. Perkins is a tremendous loss to the lepidopterist community. Reported here is only a small fraction of his grand efforts. Ferge experienced a good moth season in Keweenaw County, but found butterflies to be scarce.

Butterflies**HESPERIIDAE**

Achalarus lyciades	Barry: Shaw Lake	20-Jun-09		ETH
Amblyscirtes hegon	Marquette: McCormick Wilderness area	03-Jul-09		KEJ
Hesperia comma laurentina	Schoolcraft: Seney Rest Area	06-Aug-09		OAP
Hesperia comma laurentina	Gogebic: Bass Lake	11-Aug-09		KEJ
Hesperia comma laurentina	Houghton: Kenton	12-Aug-09		KEJ
Hesperia comma laurentina also LAF	Keweenaw: Eagle River	13-Aug-09	14-Aug-09	KEJ
Hesperia leonardus	Alger: S of Sixteenmile Lake	16-Aug-09		KEJ
Hesperia metea	Otsego: E of Otsego Lake	30-May-09		DWB
Hesperia ottoe	Allegan: Allegan SGA	09-Jul-09		DWB
Hesperia sassacus	Marquette: McCormick Wilderness area	03-Jul-09		OAP
Poanes hobomok	KEWEENAW: Traverse River 4.2 mi. NW of Gay	19-Jul-09		LAF
Euphyes dukesi	Wayne: Bradshaw Drain & Crosswinds Marsh	16-Jul-09		KEJ
Atrytonopsis hianna	Barry: Shaw Lake	20-Jun-09		ETH

PIERIDAE

Colias interior	Ontonagon: Ewen	03-Jul-09		OAP
Colias interior	KEWEENAW: Point Isabelle Bog	19-Jul-09		LAF

LYCAENIDAE

Lycaena dorcas	HOUGHTON: Kenton Muskeg	12-Aug-09		KEJ
Lycaena epixanthe michiganensis	Allegan: Miner Lake Bog	17-Jul-09		KEJ
Lycaena epixanthe michiganensis	Gogebic: Bass Lake	11-Aug-09		KEJ
Lycaena epixanthe michiganensis	Keweenaw: Lac La Belle Peatlands	13-Aug-09		KEJ
Lycaena epixanthe michiganensis	Schoolcraft: Stutts Creek Headwaters area	16-Aug-09		KEJ
Lycaena hyllus	Houghton: Beaver Creek	11-Aug-09		KEJ
Lycaena phlaeas hypophlaeas	Ontonagon: Paulding Creek area	11-Aug-09		KEJ

Satyrrium caryaevorum	Otsego : Otsego Lake	21-Aug-09		ETH
Satyrrium titus	Keweenaw: N of Ahmeek off Cliff Drive	07-Aug-09		LAF
Callophrys augustinus	Baraga: Baraga Plains, nr Clear Creek Rd	24-May-09		KEJ
Callophrys eryphon	Keweenaw: end of Montgomery Point Road	22-May-09		LAF
Callophrys henrici	BARAGA: Clear Creek Road Bog	24-May-09		KEJ
Callophrys polius	Baraga: Baraga Plains	24-May-09		KEJ
Celastrina lucia	KEWEENAW: Point Isabelle & Lac La Belle Bog	22-May-09		LAF
Celastrina neglecta	Lenawee: Morenci	16-Sep-09		ETH
Plebejus idas nabokovi	Alger: Shingleton Barrens	25-Jun-09	04-Jul-09	OAP
NYMPHALIDAE				
Lethe anthedon	KEWEENAW: Crestview Trail	18-Jul-09		LAF
Lethe eurydice	Keweenaw: Traverse River 4.2 mi. NW of Gay	19-Jul-09		LAF
Coenonympha tullia inornata	Ontonagon: Ewen	03-Jul-09		OAP
Coenonympha tullia inornata	Keweenaw: Point Isabelle Bog	19-Jul-09		LAF
Oeneis chryxus strigulosa	Baraga: Baraga Plains	24-May-09		KEJ
Oeneis jutta ascerta	Chippewa: Trout Lake Peatlands	13-Jun-09		DWB
Oeneis jutta ascerta	Gogebic: Bass Lake Bog	03-Jul-09		KEJ
Boloria bellona	Lenawee: Morenci	10-Sep-09	16-Sep-09	ETH
Boloria eunomia dawsoni	Chippewa: Trout Lake Peatlands	13-Jun-09		DWB
Boloria frigga saga	Baraga: Big Lake Bogs	24-May-09		KEJ
Limenitis arthemis	Otsego : Otsego Lake	20-Aug-09	23-Aug-09	ETH
also Limenitis arthemis/astyanax hybrids				
Polygonia faunus	Otsego: E of Otsego Lake	17-Apr-09		DWB
Polygonia faunus	Luce: 421 Bog	06-Aug-09		OAP
Polygonia faunus	Houghton: several sites throughout county	12-Aug-09	27-Aug-09	OAP
Polygonia faunus	Schoolcraft: Stutts Creek Headwaters area	16-Aug-09		KEJ
Polygonia satyrus	Houghton: several sites throughout county	12-Aug-09	27-Aug-09	OAP
Polygonia satyrus	Keweenaw: Eagle River	13-Aug-09		KEJ
Chlosyne harrisii	Ontonagon: Ewen	03-Jul-09		OAP
Euphydryas phaeton	Ontonagon: Ewen	03-Jul-09		OAP
Moths				
HEPIALIDAE				
Korscheltellus gracilis	KEWEENAW: Lac La Belle Bog	20-Jul-09		LAF
PSYCHIDAE				
Solenobia walshella	GOGEBIC: Watersmeet	04-Oct-09		KEJ
Psyche casta	GOGEBIC: Watersmeet	04-Oct-09		KEJ
GRACILLARIIDAE				
Caloptilia ostryaeella	Ionia: Portland SGA	03-Dec-09		KEJ
Caloptilia stigmatella	ROSCOMMON: Higgins Lake	10-Oct-09		KEJ
Phyllonorycter celtifoliella	Ionia: Portland SGA	03-Dec-09		KEJ
Phyllocnistis spp	Eaton: Carrier Creek	13-Mar-09		KEJ
white species group				
Phyllocnistis spp	Ionia: Portland SGA	03-Dec-09		KEJ
white species group				
OECOPHORIDAE				
Machimia tentoriferella	Keweenaw: E of Hebard Park	05-Oct-09		KEJ
ELACHISTIDAE				
Agonopterix argillacea	KEWEENAW: Eagle River	05-Oct-09		KEJ
Agonopterix atrodorsella	Keweenaw: NE of Ojibway	07-Oct-09		KEJ
Agonopterix clemensella	Ionia: Portland SGA	03-Dec-09		KEJ
Agonopterix pulvipennella	Ionia: Portland SGA	03-Dec-09		KEJ
Agonopterix walsinghamella	Crawford: Higgins Lake	08-Oct-09		KEJ
Agonopterix spp	IONIA: Portland SGA	03-Dec-09		KEJ
nr paulae				
Depressariodes ciniflonella	ROSCOMMON: Higgins Lake	10-Oct-09		KEJ
GELECHIIDAE				
Lita sexpunctella	Baraga: Baraga Plains	24-May-09		KEJ
GLYPHIPTERIGIDAE				
Glyphipterix haworthana	BARAGA: Clear Creek Road Bog	24-May-09		KEJ
CRAMBIDAE				
Crambus albellus	Kalamazoo: West Lake Bog	17-Jul-09		KEJ
Pyrausta signatalis	Allegan: Allegan SGA	17-Jul-09		KEJ
Sitochroa palealis	KEWEENAW: Great Sand Bay (dunes)	08-Aug-09		LAF
Sitochroa palealis	Houghton: Kenton	11-Aug-09		KEJ
Udea rubigalis	Roscommon: Dead Stream Swamp & Ninemile Hill	08-Oct-09		KEJ

SESIIDAE

Paranthrene dollii	Clinton: DeWitt Twp. Sec. 36	05-Jun-09		WTJ
Paranthrene dollii	Ingham: Bunker Hill Twp. T1N, R1E, Sec.17	14-Jun-09	19-Jun-09	WTJ
Paranthrene simulans	Allegan: Allegan State Forest, T3N, R15W, Sec.14	29-May-09		WTJ
Paranthrene simulans	Clinton: Olive Twp. Sec. 28 - Locher Rd.	12-Jun-09		WTJ
Paranthrene tabaniformis	Clinton: Olive Twp. Sec. 28 - Locher Rd.	23-Jun-09		WTJ
Synanthedon acerrubri	Clinton: Bath Twp. Sec.23, Rose Lake Game area	04-Jun-09		WTJ
Synanthedon proxima	Ingham: Bunker Hill Twp. T1N, R1E, Sec.17	20-Jun-09	26-Jun-09	WTJ
Synanthedon sigmoidea	Ingham: Bunker Hill Twp. T1N, R1E, Sec.17	27-Aug-09		WTJ
Synanthedon viburni	Clinton: Clinton Co. DeWitt Twp. Sec. 36	10-Jul-09	15-Jul-09	WTJ
Carmenta pyralidiformis	Cheboygan: Mackinaw Twp. Sec. 31, along I-75	21-Jul-09		WTJ

TORTRICIDAE

Epinothia septemnerana	Chippewa: Trout Lake Peatlands	08-Oct-09		KEJ
Acleris bowmanana	Schoolcraft: Seney Rest Area	07-Oct-09		KEJ
Acleris maculidorsana	Keweenaw: Lac La Belle Peatlands	07-Oct-09		KEJ
Acleris nigrolinea	Ontonagon: Paulding Creek	04-Oct-09		KEJ
Acleris oxycoccana	Baraga: Clear Creek Road & Gristmill Creek bogs	24-May-09		KEJ
Acleris oxycoccana	Keweenaw: Lac La Belle Peatlands	07-Oct-09		KEJ
Acleris oxycoccana	CHEBOYGAN: Dingman Marsh	08-Oct-09		KEJ
Acleris oxycoccana	Chippewa: Trout Lake Peatlands	08-Oct-09		KEJ

GEOMETRIDAE

Archiearis infans	Otsego: E of Otsego Lake	17-Apr-09		DWB
Leucobrephephos brephoides	Otsego: E of Otsego Lake	17-Apr-09		DWB
Macaria argillacearia	Gogebic: Bass Lake Bog	03-Jul-09		KEJ
Macaria argillacearia	Marquette: McFarland Bog	05-Jul-09		KEJ
Macaria brunneata	Alger: Shingleton Barrens	04-Jul-09		KEJ
Macaria brunneata	Marquette: McFarland Bog	05-Jul-09		KEJ
Macaria pustularia	Keweenaw: NE of Ojibway	07-Oct-09		KEJ
Macaria sulphurea	Kalamazoo: West Lake Bog	17-Jul-09		KEJ
Macaria sulphurea	Gogebic: Bass Lake	11-Aug-09		KEJ
Macaria truncataria	Baraga: Baraga Plains & several area bogs	24-May-09		KEJ
Macaria truncataria	Gogebic: Bass Lake Bog	03-Jul-09		KEJ
Ematurga amitaria	Marquette: McFarland Bog	05-Jul-09		KEJ
Aethalura intertexta	Ontonagon: Woodpecker Creek	24-May-09		KEJ
Eufidonia discospilata	Baraga: Gristmill Creek Bog	24-May-09		KEJ
Eufidonia discospilata	KALKASKA: Kalkaska Bog	30-May-09		DWB
Eufidonia discospilata	Gogebic: Bass Lake Bog	03-Jul-09		KEJ
Erannis tiliaria	Baraga: Imperial Heights	07-Oct-09		KEJ
Cingilia catenaria	Keweenaw: Lac La Belle Peatlands	07-Oct-09		KEJ
Cingilia catenaria	Luce: M-28 Bog	08-Oct-09		KEJ
Cingilia catenaria	Cheboygan: Dingman Marsh	08-Oct-09		KEJ
Cingilia catenaria	Roscommon: West Higgins Lake Bog	10-Oct-09		KEJ
Mesothea incertata	Baraga: Numerous sites throughout county	24-May-09		KEJ
Idaea dimidiata	KEWEENAW: Cliff Drive & Lac La Belle Bog	12-Aug-09	01-Sep-09	LAF
Dysstroma citrata	Keweenaw: E of Hebard Park	05-Oct-09		KEJ
Dysstroma citrata	Iosco: Tawas City	09-Oct-09		KEJ
Triphosa haesitata affirmaria	Keweenaw: Eagle River & E of Hebard Park	01-Sep-09		LAF
Epirrita autumnata henshawi	Gogebic: Watersmeet	04-Oct-09		KEJ

THYATIRIDAE

Habrosyne gloriosa	KEWEENAW: Cliff Drive & E of Hebard Park	19-Jul-09	17-Aug-09	LAF
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LASIOCAMPIDAE

Malacosoma californicum pluviale	KEWEENAW: Lac La Belle Bog	12-Aug-09		LAF
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SATURNIIDAE

Hyalophora columbia	Luce: 421 Bog	13-Jun-09	15-Jun-09	DWB
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NOTODONTIDAE

Gluphisia avimacula	KEWEENAW: 2.4 mi. W of Eagle River	20-May-09		LAF
Gluphisia avimacula	Ontonagon: Woodpecker Creek	24-May-09		KEJ

ARCTIIDAE

Holomelina lamae	Gogebic: Bass Lake	11-Aug-09		KEJ
Holomelina lamae	HOUGHTON: Kenton Muskeg	12-Aug-09		KEJ

LYMANTRIIDAE

Lymantria dispar	Keweenaw: 2.4 mi. W of Eagle River	07-Sep-09		LAF
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NOCTUIDAE

Cissusa spadix	KEWEENAW: 3.7 mi. NW of Gay	20-May-09		LAF
Catocala antinympha	Roscommon: Ninemile Hill	08-Oct-09		KEJ
Catocala badia coelebs	Iron: Mastadon Bog	06-Aug-09		DWB

<i>Catocala badia coelebs</i>	KEWEENAW: Lac La Belle Bog	12-Aug-09	LAF
<i>Catocala minuta</i>	Ingham: Lansing	23-Jun-09	MCN
<i>Catocala nebulosa</i>	Lenawee: Morenci	16-Sep-09	MCN
<i>Catocala praeclara</i>	KEWEENAW: Lac La Belle Bog	01-Sep-09	LAF
<i>Catocala semirelictata</i>	Keweenaw: Eagle River (Ferge backyard)	31-Aug-09	LAF
<i>Allagrapha aerea</i>	Lenawee: Morenci	16-Sep-09	MCN
<i>Chrysanympa formosa</i>	HOUGHTON: Kenton	11-Aug-09	DWB
<i>Chrysanympa formosa</i>	Alger: Sixteenmile Lake	16-Aug-09	KEJ
<i>Eosphoropteryx thyatyroides</i>	Cheboygan: Cheboygan	22-Sep-09	ETH
<i>Autographa mappa</i>	Ontonagon: Ewen	03-Jul-09	KEJ
<i>Syngrapha epigaea</i>	Otsego : Otsego Lake	22-Sep-09	ETH
<i>Syngrapha microgamma nearctica</i>	Luce: 421 Bog	13-Jun-09	DWB
<i>Syngrapha selecta</i>	Otsego : Otsego Lake	22-Sep-09	ETH
<i>Calophasia lunula</i>	KEWEENAW: Great Sand Bay (dunes)	08-Aug-09	LAF
<i>Feralia jocosata</i>	KEWEENAW: Eagle River (Ferge backyard)	20-May-09	LAF
<i>Feralia major</i>	KEWEENAW: 3.7 mi. NW of Gay	20-May-09	LAF
<i>Oligia bridghami</i>	Keweenaw: Lac La Belle Bog	12-Aug-09	LAF
<i>Oligia illocata</i>	Luce: Lake Superior SF	21-Sep-09	ETH
<i>Oligia minuscula</i>	KEWEENAW: Lac La Belle Bog	12-Aug-09	LAF
<i>Oligia minuscula</i>	Alger: Sixteenmile Lake Peatlands	15-Aug-09	KEJ
<i>Meropleon diversicolor</i>	Luce: Lake Superior SF	21-Sep-09	ETH
<i>Lemmeria digitalis</i>	Luce: Lake Superior SF	21-Sep-09	ETH
<i>Lemmeria digitalis</i>	Gogebic: Watersmeet	04-Oct-09	KEJ
<i>Chortodes inquinata</i>	KEWEENAW: Cliff Drive Wetland	19-Jul-09	LAF
<i>Macronoctua onusta</i>	KEWEENAW: E of Jacobs Falls	26-Sep-09	LAF
<i>Papaipema appassionata</i>	Cheboygan: Cheboygan	22-Sep-09	ETH
<i>Papaipema beeriana</i>	Otsego : Mackinaw SF	22-Sep-09	ETH
<i>Papaipema cataphracta</i>	Roscommon: Dead Stream Swamp	08-Oct-09	KEJ
<i>Papaipema cerussata</i>	Lenawee: Morenci	16-Sep-09	MCN
<i>Papaipema inquaesita</i>	KEWEENAW: Eagle River (Ferge backyard)	26-Sep-09	LAF
<i>Papaipema inquaesita</i>	Roscommon: Dead Stream Swamp	08-Oct-09	KEJ
<i>Papaipema nelita</i>	Lenawee: Morenci	16-Sep-09	ETH
<i>Papaipema pterisii</i>	KEWEENAW: Eagle River (Crestview Trail)	26-Sep-09	LAF
<i>Papaipema pterisii</i>	Crawford: Higgins Lake	08-Oct-09	KEJ
<i>Papaipema pterisii</i>	Roscommon: Dead Stream Swamp	08-Oct-09	KEJ
<i>Papaipema silphii</i>	Lenawee: Cambridge Junction	16-Sep-09	MCN
<i>Papaipema speciosissima</i>	ROSCOMMON: Ninemile Hill	08-Oct-09	KEJ
<i>Papaipema unimoda</i>	Gogebic: Watersmeet	04-Oct-09	KEJ
<i>Hydraecia immanis</i>	Lenawee: Cambridge Junction	16-Sep-09	MCN
<i>Hydraecia micacea</i>	KEWEENAW: Eagle River (Ferge backyard)	01-Sep-09	LAF
<i>Hydraecia stramentosa</i>	Cass: Volinia	02-Sep-09	ETH
<i>Xylena cineritia</i>	KEWEENAW: Point Isabelle Bog	20-May-09	LAF
<i>Xylena curvimacula</i>	Keweenaw: NE of Ojibway	07-Oct-09	KEJ
<i>Xylena curvimacula</i>	Roscommon: Dead Stream Swamp	08-Oct-09	KEJ
<i>Xylena curvimacula</i>	Crawford: Bright Lake	08-Oct-09	KEJ
<i>Xylena nupera</i>	KEWEENAW: Point Isabelle Bog	20-May-09	LAF
<i>Homoglaea hircina</i>	Keweenaw: Sunset Bay Beach Road	23-Apr-09	LAF
<i>Lithophane amanda</i>	KEWEENAW: Point Isabelle Bog	20-May-09	LAF
<i>Lithophane amanda</i>	Marquette: Halfway Creek	07-Oct-09	KEJ
<i>Lithophane antennata</i>	Roscommon: Ninemile Hill	08-Oct-09	KEJ
<i>Lithophane fagina</i>	Luce: Lake Superior SF	21-Sep-09	ETH
<i>Lithophane georgii</i>	Keweenaw: Point Isabelle Bog	20-May-09	LAF
<i>Lithophane grotei</i>	Keweenaw: NE of Ojibway	07-Oct-09	KEJ
<i>Lithophane grotei</i>	Alger: Munising	07-Oct-09	KEJ
<i>Lithophane hemina</i>	Otsego : Otsego Lake	22-Sep-09	ETH
<i>Lithophane innominata</i>	KEWEENAW: Point Isabelle Bog	20-May-09	LAF
<i>Lithophane innominata</i>	Keweenaw: Eagle River	05-Oct-09	KEJ
<i>Lithophane innominata</i>	Baraga: L'Anse Bay	07-Oct-09	KEJ
<i>Lithophane pexata</i>	Keweenaw: Point Isabelle Bog	20-May-09	LAF
<i>Lithophane pexata</i>	Keweenaw: Eagle River	05-Oct-09	KEJ
<i>Lithophane tepida</i>	Alger: Munising	07-Oct-09	KEJ
<i>Lithophane tepida</i>	Baraga: L'Anse Bay	07-Oct-09	KEJ
<i>Lithophane tepida</i>	Roscommon: Dead Stream Swamp	08-Oct-09	KEJ
<i>Metaxaglaea inulta</i>	Roscommon: Dead Stream Swamp	08-Oct-09	KEJ
<i>Epiglaea apiata</i>	Roscommon: Dead Stream Swamp	08-Oct-09	KEJ
<i>Xanthia tatago</i>	Gogebic: Watersmeet	04-Oct-09	KEJ
<i>Platypolia anceps</i>	Emmet: French Farm Lake	10-Oct-09	KEJ

<i>Sutyna profundus</i>	KEWEENAW: Point Isabelle Bog	01-Oct-09	LAF
<i>Orthosia revicta</i>	Ontonagon: Woodpecker Creek	24-May-09	KEJ
<i>Orthosia segregata</i>	KEWEENAW: Eagle River (Ferge backyard)	20-May-09	LAF
<i>Trichordestra rugosa</i>	GOGEBIC: Bass Lake Bog	03-Jul-09	KEJ
<i>Trichordestra rugosa</i>	MARQUETTE: McFarland Bog	04-Jul-09	KEJ
<i>Coranarta luteola</i>	Baraga: Clear Creek Road & Gristmill Creek bogs	24-May-09	KEJ
<i>Lacinipolia lustralis</i>	Alger: Shingleton Barrens	03-Jul-09	KEJ
<i>Euxoa manitobana</i>	KEWEENAW: Great Sand Bay (dunes)	08-Aug-09	LAF
<i>Euxoa sinelinea</i>	Keweenaw: Great Sand Bay (dunes)	08-Aug-09	LAF
<i>Cerastis fishii</i>	KEWEENAW: Point Isabelle Bog	20-May-09	LAF
<i>Xestia oblata</i>	MARQUETTE: McFarland Bog	04-Jul-09	KEJ
<i>Xestia oblata</i>	KEWEENAW: Lac La Belle Bog	20-Jul-09	LAF
<i>Xestia perqueritata</i> only other Michigan record from Isle Royale	Keweenaw: Lac La Belle Bog	12-Aug-09	LAF
<i>Coenophila opacifrons</i>	HOUGHTON: Kenton Muskeg	11-Aug-09	DWB
<i>Coenophila opacifrons</i>	Alger: Sixteenmile Lake Peatlands	15-Aug-09	KEJ

MINNESOTA

Johnson and Dana spent much of the season suverying Cook County as part of the Minnesota County Biological Survey. Numbers were severely down for viturally all species. Many common species were scarce or not observed at all. Northeast Minnesota had a severely delayed spring and cold summer. Cold nights results in poor moth catches for most of the season. Weber reported an uneventful butterfly season and found conditions to be cool and dry. Monarch populations were low.

Butterflies

HESPERIIDAE

<i>Hesperia sassacus</i>	Cook: Saganaga Lake	15-Jun-09	KEJ
<i>Euphyes dion</i>	Carlton: Wild Rice Lake Peatlands	04-Aug-09	KEJ

PIERIDAE

<i>Pieris rapae</i>	Cook: W of Grand Marais	01-Aug-09	KEJ
<i>Euchloe ausonides</i>	Cook: Sea Gull Lake and Lima Mountain areas	28-May-09	KEJ

LYCAENIDAE

<i>Lycaena dorcas</i>	Cook: Numerous sites throughout county	30-Jul-09	03-Aug-09	KEJ
<i>Lycaena epixanthe michiganensis</i>	Cook: Numerous sites throughout county	30-Jul-09	03-Aug-09	KEJ
<i>Lycaena epixanthe michiganensis</i>	Pine: Kerrick Peatlands	04-Aug-09		KEJ
<i>Satyrrium liparops strigosa</i>	Carlton: Wild Rice Lake Peatlands	04-Aug-09		KEJ
<i>Callophrys eryphon</i>	Cook: Numerous sites throughout county	10-Jun-09	21-Jun-09	KEJ
<i>Callophrys polios</i>	Cook: Sawbill Camp area	12-Jun-09		KEJ
<i>Plebejus idas nabokovi</i>	Cook: several sites throughout county	31-Jul-09	02-Aug-09	KEJ

NYMPHALIDAE

<i>Danaus plexippus</i>	Hubbard: Akely Twp.	17-Aug-09		JWJ
<i>Coenonympha tullia inornata</i>	Carlton: Wild Rice Lake Peatlands	04-Aug-09		KEJ
<i>Erebia discoidalis</i>	Lake: McNair	25-May-09		KEJ
<i>Erebia discoidalis</i>	Cook: Numerous sites throughout county	28-May-09	13-Jun-09	KEJ
<i>Erebia mancinus</i> record from Paul Rumpsa	Lake: Greenwood Lake area	20-Jun-09	21-Jun-09	KEJ
<i>Erebia mancinus</i>	Lake: Greenwood Lake & Sand Lake areas	24-Jun-09		KEJ
<i>Oeneis jutta ascerta</i>	Cook: Sawbill Camp Peatlands	21-Jun-09		KEJ
<i>Oeneis jutta ascerta</i>	Lake: several sites throughout county	24-Jun-09		KEJ
<i>Boloria chariclea grandis</i>	Cook: Devil Track Lake Bog	02-Aug-09		KEJ
<i>Boloria chariclea grandis</i>	CARLTON: Wild Rice Lake Peatlands	04-Aug-09		KEJ
<i>Boloria eunomia dawsoni</i>	Cook: Numerous sites throughout county	23-Jun-09	25-Jun-09	KEJ
<i>Boloria eunomia dawsoni</i>	Lake: Lumberjack Bog	24-Jun-09		KEJ
<i>Boloria freija</i>	Cook: Numerous sites throughout county	27-May-09	25-Jun-09	KEJ
<i>Boloria frigga saga</i>	COOK: Four Mile Lake Peatlands	13-Jun-09		KEJ
<i>Boloria frigga saga</i>	Lake: Sand Lake Peatland	24-Jun-09		KEJ
<i>Nymphalis antiopa</i> nectaring on willow flowers	Dakota: Mississippi Valley NWR Cliff Fen	09-Apr-09		JS5
<i>Polygonia faunus</i>	Cook: Numerous sites throughout county	28-May-09		KEJ
<i>Phyciodes batesii</i>	Cook: Numerous sites throughout county	17-Jun-09		KEJ

Moths

PSYCHIDAE

<i>Solenobia walshella</i>	RAMSEY: Saint Paul	29-Apr-09		KEJ
<i>Solenobia walshella</i>	SHERBURNE: SW of Zimmerman	19-Oct-09		KEJ
<i>Psyche casta</i>	WASHINGTON: I-94 MN Welcome Center	29-Apr-09		KEJ
<i>Hyaloscotes pithopoera</i>	SHERBURNE: SW of Zimmerman	19-Oct-09		KEJ

GRACILLARIIDAE

<i>Caloptilia ostryaeella</i>	WINONA: Whitewater WMA	08-Feb-09		KEJ
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Caloptilia spp nr umbratella	WINONA: Whitewater WMA	08-Feb-09		KEJ
Phyllonorycter celtifoliella	WINONA: Whitewater WMA	08-Feb-09		KEJ
Phyllonorycter ledella	COOK: Boundary Waters	11-Jun-09		KEJ
Phyllonorycter morrisella	WINONA: Whitewater WMA	08-Feb-09		KEJ
Phyllocnistis spp white species group	WINONA: Whitewater WMA	08-Feb-09		KEJ
ELACHISTIDAE				
Agonopterix clemensella	WINONA: Whitewater WMA	08-Feb-09		KEJ
Agonopterix eupatoriella	WINONA: Whitewater WMA	08-Feb-09		KEJ
Agonopterix nigrinotella	WINONA: Whitewater WMA	08-Feb-09		KEJ
Agonopterix nigrinotella	SHERBURNE: SW of Zimmerman	19-Oct-09		KEJ
Agonopterix pulvipennella	SHERBURNE: SW of Zimmerman	19-Oct-09		KEJ
GLYPHIPTERIGIDAE				
Glyphipterix haworthana	COOK: several sites throughout county	28-May-09	14-Jun-09	KEJ
TORTRICIDAE				
Pseudexentera kalmiana	CHISAGO: Carlos Avery Peatland	30-Apr-09		KEJ
Acleris nigrolinea	ISANTI: Krone Bog	19-Oct-09		KEJ
Acleris nivisellana	SHERBURNE: SW of Zimmerman	19-Oct-09		KEJ
Acleris oxycoccana	COOK: several sites throughout county	28-May-09	06-Jun-09	KEJ
GEOMETRIDAE				
Alsophila pometaria	Anoka: Ramsey	18-Oct-09		KEJ
Alsophila pometaria	Sherburne: SW of Zimmerman	19-Oct-09		KEJ
Macaria andersoni	COOK: Plouff Creek	02-Aug-09		KEJ
Macaria sulphurea	COOK: several sites throughout county	02-Aug-09	03-Aug-09	KEJ
Macaria truncataria	Cook: Numerous sites throughout county	27-May-09		KEJ
Paleacrita merriccata	Isanti: 2.5 mi w of Pine Brook	16-Apr-09		JS6
Erannis tiliaria	Isanti: Krone Bog	19-Oct-09		KEJ
Erannis tiliaria	Sherburne: SW of Zimmerman	19-Oct-09		KEJ
Erannis tiliaria	Mille Lacs: Kunkel WMA	19-Oct-09		KEJ
Apodrepanulatrix liberaria	Isanti: 2.5 mi w of Pine Brook	26-Aug-09		JS6
Erastria coloraria	Isanti: 2.5 mi w of Pine Brook	22-Apr-09		JS6
Mesothea incertata	Lake: McNair	25-May-09		KEJ
Mesothea incertata	Cook: Numerous sites throughout county	27-May-09		KEJ
Stamnodes gibbicostata	Isanti: 2.5 mi w of Pine Brook	18-Aug-09		JS6
Stamnodes gibbicostata	Sherburne: 2 mi. ESE of Princeton	20-Sep-09		JS6
Orthonama evansi	Isanti: Sagers's Swamp, 1.5 mi. W of Pine Brook	18-Aug-09		JS6
Epirrita autumnata henshawi	Isanti: Krone Bog	19-Oct-09		KEJ
Operophtera bruceata	Isanti: Krone Bog	19-Oct-09		KEJ
Operophtera bruceata	Mille Lacs: Kunkel WMA	19-Oct-09		KEJ
Carsia sororiata	COOK: Numerous sites throughout county	30-Jul-09	03-Aug-09	KEJ
Carsia sororiata	CARLTON: Wild Rice Lake Peatlands	04-Aug-09		KEJ
SPHINGIDAE				
Sphinx drupiferarum	Isanti: 2.5 mi w of Pine Brook	06-Jul-09		JS6
Lintneria eremitus	Isanti: 2.5 mi w of Pine Brook	06-Aug-09		JS6
ARCTIIDAE				
Holomelina ferruginosa	Cook: Sawbill Camp Peatlands	24-Jun-09		KEJ
Holomelina lamae	PINE: Kerrick Peatlands	04-Aug-09		KEJ
Parasemia plantaginis	COOK: Border Route Trail	26-Jun-09		RPD
Hypercompe scribonia	Isanti: Sagers's Swamp, 1.5 mi. W of Pine Brook	18-Aug-09		JS6
Platarctia parthenos	Cook: Sawbill Camp Peatlands	24-Jun-09		KEJ
NOCTUIDAE				
Mycterophora inexplicata	Isanti: 2.5 mi w of Pine Brook	09-Aug-09		JS6
Macrochilo bivittata	Sherburne: 2 mi. ESE of Princeton	13-Jul-09		JS6
Macrochilo bivittata	Isanti: Sagers's Swamp, 1.5 mi. W of Pine Brook	22-Jul-09		JS6
Drasteria adumbrata	COOK: Border Route Trail	22-Jun-09		KEJ
Chrysanympha formosa	COOK: Plouff Creek	02-Aug-09		KEJ
Cerma cora	Isanti: 2.5 mi w of Pine Brook	25-May-09		JS6
Raphia abrupta	Isanti: 2.5 mi w of Pine Brook	22-Jun-09		JS6
Alypia langtoni	Cook: Junco Creek Uplands	25-Jun-09		KEJ
Conservula anodonta	Isanti: Sagers's Swamp, 1.5 mi. W of Pine Brook	13-Jul-09		JS6
Lemmeria digitalis	Sherburne: 2 mi. ESE of Princeton	20-Sep-09		JS6
Archanara laeta	Sherburne: 2 mi. ESE of Princeton	20-Sep-09		JS6
Xylena curvimacula	Washington: I-94 MN Welcome Center	29-Apr-09		KEJ
Lithophane fagina	ISANTI: Krone Bog	19-Oct-09		KEJ
Lithophane laticinerea	Anoka: Ramsey	19-Oct-09		KEJ

Lithophane laticinerea	Sherburne: SW of Zimmerman	19-Oct-09		KEJ
Lithophane pexata	Mille Lacs: Kunkel WMA	19-Oct-09		KEJ
Eupsilia tristigmata	Mille Lacs: Kunkel WMA	19-Oct-09		KEJ
Eupsilia vinulenta	Mille Lacs: Kunkel WMA	19-Oct-09		KEJ
Metaxaglaea inulta	Mille Lacs: Kunkel WMA	19-Oct-09		KEJ
Hillia iris	Sherburne: 2 mi. ESE of Princeton	20-Sep-09		JS6
Ufeus satyricus	Anoka: Ramsey	20-Oct-09		KEJ
Orthosia revicta	Cook: Sawbill Camp Peatlands	24-Jun-09		KEJ
Coranarta luteola	COOK: several sites throughout county	13-Jun-09	25-Jun-09	KEJ
Lasionycta taigata	COOK: Sawbill Camp & Quiver Lake peatlands	24-Jun-09	28-Jun-09	KEJ
Cerastis fishii	COOK: Quiver Lake Bog & Sawbill Camp Peatlands	27-May-09	13-Jun-09	KEJ
Hemipachnobia monochromatea	Cook: Sawbill Camp Peatlands	24-Jun-09		KEJ
Xestia mixta	COOK: Plouff Creek	02-Aug-09		KEJ
Xestia oblata	Cook: Plouff Creek	02-Aug-09		KEJ

MISSOURI

Butterflies

HESPERIIDAE

Erynnis brizo	Callaway: Pine Ridge Recreation Area	17-Apr-09		KEJ
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PAPILIONIDAE

Eurytides marcellus	Crawford: Berryman	18-Mar-09	06-Jun-09	PT1
Papilio crespontes	Crawford: Berryman	06-Jun-09		PT1

PIERIDAE

Anthocharis midea	Callaway: Pine Ridge Recreation Area	17-Apr-09		KEJ
Phoebis sennae	Crawford: Berryman	11-Sep-09		PT1
Nathalis iole	Platte: 13 miles NNW Kansas City	18-Jun-09		PT1

LYCAENIDAE

Parrhasius m-album	Crawford: Berryman	18-Mar-09		PT1
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NYMPHALIDAE

Anaea andria	Crawford: Berryman	18-Mar-09	06-Jun-09	PT1
Limnitis arthemis astyanax	Crawford: Berryman	11-Sep-09		PT1
Nymphalis antiopa	Crawford: Berryman	06-Jun-09		PT1
Polygonia comma	Crawford: Berryman	18-Mar-09		PT1
Polygonia interrogationis	Crawford: Berryman	18-Mar-09		PT1
Polygonia progne	Crawford: Berryman	18-Mar-09		PT1
Polygonia progne	Callaway: Pine Ridge Recreation Area	17-Apr-09		KEJ

Moths

ELACHISTIDAE

Agonopterix eupatoriella	Callaway: Pine Ridge Recreation Area	18-Apr-09		KEJ
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GELECHIIDAE

Arogalea cristifasciella	Callaway: Pine Ridge Recreation Area	17-Apr-09	18-Apr-09	KEJ
Dichomeris ligulella	Callaway: Pine Ridge Recreation Area	18-Apr-09		KEJ
Dichomeris ventrella	Callaway: Pine Ridge Recreation Area	17-Apr-09		KEJ

MOMPHIDAE

Mompha circumscriptella	Callaway: Pine Ridge Recreation Area	17-Apr-09		KEJ
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TORTRICIDAE

Chimoptesis pennsylvaniana	Callaway: Pine Ridge Recreation Area	18-Apr-09		KEJ
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GEOMETRIDAE

Macaria aemulataria	Callaway: Pine Ridge Recreation Area	18-Apr-09		KEJ
Macaria granitata	Callaway: Pine Ridge Recreation Area	18-Apr-09		KEJ
Semiothisa quadrinotaria	Callaway: Pine Ridge Recreation Area	18-Apr-09		KEJ
Mellilla xanthometata	Callaway: Pine Ridge Recreation Area	18-Apr-09		KEJ
Anacamptodes defectaria	Callaway: Pine Ridge Recreation Area	17-Apr-09	18-Apr-09	KEJ
Selenia kentaria	Callaway: Pine Ridge Recreation Area	18-Apr-09		KEJ
Probole alienaria	Callaway: Pine Ridge Recreation Area	17-Apr-09		KEJ
Lambdina pellucidaria	Callaway: Pine Ridge Recreation Area	18-Apr-09		KEJ
Nemoria bistrifaria	Callaway: Pine Ridge Recreation Area	18-Apr-09		KEJ
Hydriomena bistrifaria	Callaway: Pine Ridge Recreation Area	18-Apr-09		KEJ
Hydriomena transfigurata	Callaway: Pine Ridge Recreation Area	18-Apr-09		KEJ

THYATIRIDAE

Euthyatira pudens	Callaway: Pine Ridge Recreation Area	17-Apr-09		KEJ
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SATURNIIDAE

Actias luna	Callaway: Pine Ridge Recreation Area	18-Apr-09		KEJ
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NOTODONTIDAE

Ellida caniplaga	Callaway: Pine Ridge Recreation Area	17-Apr-09		KEJ
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NOCTUIDAE

Baileya levitans	Callaway: Pine Ridge Recreation Area	18-Apr-09	KEJ
Baileya ophthalmica	Callaway: Pine Ridge Recreation Area	18-Apr-09	KEJ
Marathyssa basalis	Callaway: Pine Ridge Recreation Area	18-Apr-09	KEJ
Colocasia propinquinella	Callaway: Pine Ridge Recreation Area	18-Apr-09	KEJ
Acronicta impleta	Callaway: Pine Ridge Recreation Area	18-Apr-09	KEJ
Psaphida resumens	Callaway: Pine Ridge Recreation Area	18-Apr-09	KEJ
Condica vecors	Callaway: Pine Ridge Recreation Area	17-Apr-09	KEJ
Balsa labecula	Callaway: Pine Ridge Recreation Area	18-Apr-09	KEJ
Sericaglaea signata	Callaway: Pine Ridge Recreation Area	18-Apr-09	KEJ
Orthosia garmani	Callaway: Pine Ridge Recreation Area	17-Apr-09	KEJ
Orthosia rubescens	Callaway: Pine Ridge Recreation Area	17-Apr-09	KEJ
Himella fidelis	Callaway: Pine Ridge Recreation Area	18-Apr-09	KEJ
Cerastis tenebrifera	Callaway: Pine Ridge Recreation Area	17-Apr-09	KEJ

OHIO**Moths****GRACILLARIIDAE**

Phyllonorycter celtifoliella	Marion: S of Marion	18-Jan-09	KEJ
Phyllocnistis spp white species group	Marion: S of Marion	18-Jan-09	KEJ

ELACHISTIDAE

Agonopterix pulvipennella	Marion: S of Marion	18-Jan-09	KEJ
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WEST VIRGINIA**Butterflies****NYMPHALIDAE**

Boloria bellona	Randolph: Gandy Creek Elev 3250 ft.	20-Jul-09	PT1
Limenitis arthemis astyanax	Hardy: Big Schloss Elev 2960 ft	06-Sep-09	PT1
Asterocampa celtis	Hardy: Big Schloss Elev 2960 ft	06-Sep-09	PT1
Nymphalis antiopa	Randolph: Spruce Knob Lake Elev 3830 ft.	20-Jul-09	PT1

WISCONSIN

Ebner experienced his worst season since 1940, with butterflies, including many usually common species, found in low numbers. The season started late and stayed cool. September and October were cold and rainy with butterflies almost nonexistent. No migrants were seen. Johnson reported that numbers were severely down for virtually all species. Many common species were scarce or not observed at all. Most of the season was unseasonably cool. Night catches in particular were very poor. Few southern strays of any kind were observed. Ann and Scott Swengel reported that spring was cooler than average and July was exceptionally cool, resulting in later emergences for many butterflies. Hesperia ottoe has declined precipitously, being seen in only one of its traditional sites, and Speyeria idalia numbers were below average. Their declines are associated with excessive burning of their prairie preserve habitat. Papilio glaucus and canadensis numbers were far below average. A few other species are faring better. Callophrys polios had a tremendously good year northward and was above average in central Wisconsin, and Callophrys henrici was found in unusually high numbers, but fewer than 2008's blowout. The Swengels found several stray and migrant butterfly species, most occurring as single individuals. Introduced moth species continue to invade and spread, with two new STATE RECORDS reported; Hyles euphorbiae in western Wisconsin and Chloroclystis rectangulata in Milwaukee. Calophasia lunula was found in two new counties and the crambid, Sitochroa palealis, has become quite common statewide.

Butterflies**HESPERIIDAE**

Erynnis baptisiae associated with crown vetch	ROCK: Avon Bottoms	19-Jul-09	KEJ
Erynnis lucilius	Sauk: Spring Green Preserve	12-Jul-09	KEJ
Erynnis martialis	Burnett: Namekagon Bog	17-May-09	KEJ
Erynnis martialis Above-average year in Burnett County by recent standards	Burnett: Crex Meadows WA & Namekagon Barrens	23-May-09 30-May-09	SAS
Amblyscirtes hegon	Wood: Highway X	25-May-09 30-May-09	SAS
Oarisma poweshiek	Waukesha: Kettle Moraine SF	06-Jul-09	JAE
Hesperia comma laurentina	Forest: Kingstone Creek	17-Aug-09	KEJ
Hesperia ottoe lowest numbers ever seen here	Crawford: Rush Creek Prairie	11-Jul-09	SAS
Pompeius verna	Lafayette: Hardscrabble Prairie SNA	11-Jul-09	LAF
Problema byssus	Lafayette: Hardscrabble Prairie SNA	11-Jul-09	LAF
Problema byssus	Grant: Sandy Hook	11-Jul-09	KEJ
Problema byssus	Grant: Dewey Heights Prairie	11-Jul-09	SAS
Poanes massasoit	RICHLAND: Hub City Bog	12-Jul-09	KEJ
Euphyes conspicua	LAFAYETTE: New Diggings	11-Jul-09	LAF
Euphyes conspicua	RICHLAND: Hub City Bog	12-Jul-09	KEJ

Euphyes conspicua	DOOR: Sturgeon Bay	31-Jul-09		LAF
Euphyes dion	RICHLAND: Hub City Bog	12-Jul-09		KEJ
Euphyes dion	Douglas: Gordon Bog	30-Jul-09		KEJ
associated with Carex lacustris/C. utriculata lagg of raised bog				
Euphyes dion	Marinette: Nadjack Lake Bog	17-Aug-09		KEJ
PAPILIONIDAE				
Papilio canadensis	Adams: Chicago Rd & 15th Ave. N. of Hwy 21	18-May-09		SCB
Papilio crespontes	Jackson: Jackson County Forest	04-Jul-09		SAS
Papilio crespontes	Waukesha: Okauchee & Kettle Moraine SF	31-Aug-09	01-Sep-09	JAE
PIERIDAE				
Pieris oleracea	Walworth: Lulu Lake	13-May-09		JAE
Pieris oleracea	Douglas: Bear Lake Bog	28-Jul-09		SAS
Colias eurytheme	Waukesha: Oconomowoc	09-Nov-09		JAE
Colias interior	WASHBURN: Little Frog Creek Bog	18-Jun-09		KEJ
Abaeis nicippe	COLUMBIA: Pine Island WA	28-Jul-09		SAS
LYCAENIDAE				
Lycaena dione	Portage: Buena Vista WA	05-Jul-09	15-Aug-09	SAS
highest numbers on 12 July				
Lycaena dorcas	Lincoln: Highway 8 Bog	26-Jun-09		SAS
Lycaena dorcas	Washburn: E of Minong	04-Jul-09		SAS
Lycaena epixanthe michiganensis	Marinette: Glocke Lake	28-Jun-09		SAS
Lycaena epixanthe michiganensis	Washburn: E of Minong	04-Jul-09		SAS
Lycaena epixanthe michiganensis	Manitowoc: Vanderbloomen Bog	07-Jul-09		KEJ
also Ed & Alice Burkel				
Lycaena helloides	Burnett: Crex Meadows WA	23-Jul-09		SAS
Lycaena helloides	Columbia: Pine Island WA	28-Jul-09		SAS
Lycaena hyllus	Portage: Buena Vista WA	26-Jun-09	03-Jul-09	SAS
3rd straight poor year				
Satyrrium caryaevorum	Sauk: Devil's Lake SP & Baxter's Hollow	06-Jul-09		SAS
Satyrrium caryaevorum	Green: Muralt Bluff Prairie	11-Jul-09		KEJ
Satyrrium caryaevorum	Dane: Swamp Lover's Preserve	18-Jul-09		KEJ
Satyrrium liparops strigosa	Jackson: Hunters Haven Rd, 7 miles E of Black River Falls	16-Jul-09		SCB
Callophrys augustinus	CLARK: Abbott Ranch Road Peatland	07-May-09		KEJ
Callophrys augustinus	TAYLOR: Kidrick Swamp & Krimslinger Bog	08-May-09		KEJ
Callophrys henrici	Jackson: Jackson County Forest	02-May-09	20-May-09	SAS
Unusually high numbers, but fewer than 2008's blowout				
Callophrys henrici	Burnett: Namekagon Barrens & Burnett CF	23-May-09	24-May-09	SAS
Callophrys irus	Jackson: Jackson County Forest	03-May-09	04-Jun-09	SAS
highest numbers seen 8-20 May				
Callophrys irus	Monroe: Fort McCoy	11-May-09		SAS
Callophrys polios	Eau Claire: Augusta SWA	07-May-09		KEJ
Callophrys polios	Burnett: Namekagon Barrens & Burnett CF	23-May-09		SAS
Callophrys polios	Douglas: east-central part of county	23-May-09		SAS
tremendously good year in N. WI and above average in central WI				
Strymon melinus	Jackson: Jackson CF & Black River SF	03-May-09	31-May-09	SAS
Glaucopsyche lygdamus couperi	Washburn: Frog Creek Uplands	17-May-09		KEJ
Glaucopsyche lygdamus couperi	Waukesha: Okauchee	20-May-09		JAE
NYMPHALIDAE				
Danaus plexippus	Waukesha: Okauchee	07-Oct-09		JAE
Coenonympha tullia inornata	GREEN LAKE: White River marsh	12-Jun-09		SAS
Coenonympha tullia inornata	Portage: Buena Vista WA	12-Jun-09		SAS
Erebia discoidalis	Ashland: Black Creek Bog	18-May-09		KEJ
first vouchered record from county (reported by Jeffrey Nekola in 1996)				
Oeneis chryxus strigulosa	Bayfield: Moquah Barrens	22-May-09		SAS
Oeneis chryxus strigulosa	Vilas: Haymeadow Creek Barrens	23-May-09		KEJ
Oeneis jutta ascerta	Juneau: Kingston Bog	20-May-09		KEJ
site on southern extreme of range				
Oeneis jutta ascerta	Chippewa: Long Lake Bog	02-Jun-09		KEJ
Oeneis jutta ascerta	Sawyer: Partridge Crop Lake & Ghost Lake Bogs	18-Jun-09		KEJ
Euptoieta claudia	Crawford: Hogback Prairie	13-Jul-09		SAS
1 individual seen				
Euptoieta claudia	Jackson: Jackson County Forest	15-Aug-09		SAS
1 individual seen				
Euptoieta claudia	Portage: Buena Vista WA	23-Aug-09		SAS
1 individual seen				
Boloria chariclea grandis	Douglas: Oakland & Summit Twps.	08-Aug-09		SAS
Boloria eunomia dawsoni	Washburn: E of Minong	12-Jun-09		SAS

<i>Boloria eunomia dawsoni</i>	Washburn: Little Frog Creek Bog	18-Jun-09		KEJ
<i>Boloria freija</i>	Douglas: Bear Lake Bog	10-May-09	12-Jun-09	SAS
<i>Boloria freija</i> slight southern range extension	Lincoln: Armstrong Creek Bog	11-May-09		KEJ
<i>Boloria freija</i>	Ashland: Black Creek Bog	18-May-09		KEJ
<i>Boloria frigga saga</i>	Vilas: Scat Lake Bog	23-May-09		KEJ
<i>Boloria frigga saga</i>	Langlade: Summit Lake Bog	23-May-09		KEJ
<i>Boloria frigga saga</i>	Iron: Turtle-Flambeau Peatland	05-Jun-09		KEJ
<i>Boloria frigga saga</i>	Ashland: Glidden	12-Jun-09		SAS
<i>Boloria frigga saga</i>	Forest: Armstrong Creek	14-Jun-09		SAS
<i>Nymphalis l-album</i> 135 individuals seen	Sauk: Baraboo Hills	06-Jul-09		SAS
<i>Polygonia faunus</i>	ASHLAND: Black Creek Uplands	18-May-09		KEJ
<i>Polygonia faunus</i>	Forest: Kingstone Creek	17-Aug-09		KEJ
<i>Polygonia faunus</i>	Sawyer: Black Lake CG Road	14-Sep-09		SAS
<i>Polygonia satyrus</i>	Florence: Grandma Lake	17-Aug-09		KEJ
<i>Polygonia satyrus</i>	Forest: Kingstone Creek	17-Aug-09		KEJ
<i>Junonia coenia</i>	Portage: Buena Vista WA	19-Jul-09	05-Sep-09	SAS
<i>Chlosyne gorgone carlota</i>	Monroe: Fort McCoy	11-May-09		SAS
<i>Chlosyne harrisii</i>	WASHBURN: Little Frog Creek Bog	18-Jun-09		KEJ
<i>Euphydryas phaeton</i>	RICHLAND: Hub City Bog	12-Jul-09		KEJ
Moths				
ERIOCRANIIDAE				
<i>Dyseriocrania griseocapitella</i>	SAUK: Loddes Mill Bluff	23-Apr-09		KEJ
<i>Dyseriocrania griseocapitella</i> STATE RECORD family	DANE: UW Arboretum	23-Apr-09	24-Apr-09	KEJ
OPOSTEGIDAE				
<i>Pseudopostega cretea</i> STATE RECORD family	DANE: Pasque Flower Hill	09-Jul-09		KEJ
TISCHERIIDAE				
<i>Tischeria citrinipennella</i> STATE RECORD	DANE: UW Arboretum	28-Jul-09		KEJ
<i>Tischeria quercitella</i> STATE RECORD	DANE: New Observatory Woods	01-Jul-09		KEJ
ACROLOPHIDAE				
<i>Amydria effrentella</i>	DANE: New Observatory Woods	01-Jul-09		KEJ
TINEIDAE				
<i>Monopis dorsistrigella</i>	GREEN: Abraham's Woods SNA	19-Jul-09		KEJ
PSYCHIDAE				
<i>Solenobia walshella</i>	PRICE: Timm's Hill	20-May-09		KEJ
<i>Solenobia walshella</i>	MANITOWOC: Woodland Dunes	07-Jul-09		KEJ
<i>Solenobia walshella</i>	PORTAGE: Stevens Point	04-Oct-09		KEJ
<i>Solenobia walshella</i>	VILAS: Conover	04-Oct-09		KEJ
<i>Psyche casta</i>	SAWYER: Flambeau River, near Long Creek	18-May-09		KEJ
<i>Psyche casta</i>	MANITOWOC: Woodland Dunes	07-Jul-09		KEJ
<i>Psyche casta</i>	GREEN: Abraham's Woods SNA	08-Aug-09		KEJ
<i>Psyche casta</i>	PORTAGE: Stevens Point	04-Oct-09		KEJ
<i>Psyche casta</i>	VILAS: Scat Lake Uplands	04-Oct-09		KEJ
<i>Psyche casta</i>	CRAWFORD: Hogback Prairie	07-Nov-09		KEJ
<i>Thyridopteryx ephemeraeformis</i> record from Nancy Collins, many cocoons attached to juniper	KENOSHA: Pleasant Prairie	10-Apr-09		KEJ
<i>Thyridopteryx ephemeraeformis</i> cocoon attached to <i>Juniperus virginiana</i>	GRANT: Sandy Hook	11-Jul-09		KEJ
GRACILLARIIDAE				
<i>Caloptilia ostryaella</i>	MANITOWOC: Maribel Caves County Park	26-Feb-09		KEJ
<i>Caloptilia quercinigrella</i> STATE RECORD	DANE: Pasque Flower Hill	24-Apr-09		KEJ
<i>Caloptilia stigmatella</i>	OUTAGAMIE: Maine SWA	25-Feb-09		KEJ
<i>Caloptilia violacella</i> STATE RECORD	DANE: UW Arboretum	23-Sep-09		KEJ
<i>Phyllonorycter celtifoliella</i>	CRAWFORD: Hogback Prairie	07-Nov-09		KEJ
<i>Phyllonorycter celtifoliella</i>	Dane: Swamp Lover's Preserve	08-Nov-09		KEJ
<i>Phyllonorycter morrisella</i>	OUTAGAMIE: Maine SWA	25-Feb-09		KEJ
<i>Phyllocnistis insignis</i> STATE RECORD; reared ex. Serpentine leaf mines found on <i>Erechtites</i> 18 July 2009	DANE: Swamp Lover's Preserve	29-Jul-09		KEJ
<i>Phyllocnistis vitifoliella</i> STATE RECORD; reared ex. Serpentine leaf mines found on <i>Vitis riparia</i> 18 July 2009	DANE: Swamp Lover's Preserve	26-Jul-09		KEJ

OECOPHORIDAE

<i>Decantha boreasella</i>	Dane: Swamp Lover's Preserve	18-Jul-09		KEJ
<i>Epicallima argenticinctella</i>	Dane: Pasque Flower Hill	27-Jul-09		KEJ
<i>Semioscopis aurorella</i>	GREEN: Abraham's Woods SNA	09-Apr-09		KEJ
<i>Semioscopis aurorella</i>	SAUK: Loddes Mill Bluff	23-Apr-09		KEJ
<i>Semioscopis aurorella</i>	ONEIDA: Finnerud Forest	04-May-09		KEJ
<i>Semioscopis inornata</i>	SAUK: Loddes Mill Bluff	23-Apr-09		KEJ
<i>Semioscopis inornata</i>	ONEIDA: Finnerud Forest	04-May-09		KEJ
<i>Semioscopis inornata</i>	Burnett: Namekagon Barrens	17-May-09		KEJ
<i>Semioscopis megamicrella</i>	RICHLAND: Hub City Bog	15-Apr-09		KEJ
<i>Semioscopis megamicrella</i>	SAUK: Loddes Mill Bluff	23-Apr-09		KEJ
<i>Machimia tentoriferella</i>	LINCOLN: Bradley	26-Sep-09		KEJ

ELACHISTIDAE

<i>Agonopterix argillacea</i>	JEFFERSON: Faville Prairie	14-Apr-09		KEJ
<i>Agonopterix argillacea</i>	TAYLOR: Kidrick Uplands	07-May-09		KEJ
<i>Agonopterix atrodorsella</i>	OUTAGAMIE: Maine SWA	25-Feb-09		KEJ
<i>Agonopterix atrodorsella</i>	TAYLOR: Kidrick Uplands	07-May-09		KEJ
<i>Agonopterix clemensella</i>	GREEN: Abraham's Woods SNA	09-Apr-09		KEJ
<i>Agonopterix clemensella</i>	SAUK: Loddes Mill Bluff	23-Apr-09		KEJ
<i>Agonopterix clemensella</i>	CRAWFORD: Hogback Prairie	07-Nov-09		KEJ
<i>Agonopterix curvilineella</i>	RICHLAND: Hub City	07-Feb-09		KEJ
<i>Agonopterix curvilineella</i>	POLK: Balsam Branch SWA	11-Feb-09		KEJ
<i>Agonopterix curvilineella</i>	CRAWFORD: Hogback Prairie	07-Nov-09		KEJ
<i>Agonopterix eupatoriella</i>	OUTAGAMIE: Maine SWA	25-Feb-09		KEJ
<i>Agonopterix eupatoriella</i>	GREEN: Hay Hollow	03-Mar-09		KEJ
<i>Agonopterix eupatoriella</i>	SAUK: Loddes Mill Bluff	23-Apr-09		KEJ
<i>Agonopterix nigrinotella</i>	GREEN: Abraham's Woods SNA	09-Apr-09		KEJ
<i>Agonopterix nigrinotella</i>	SAUK: Loddes Mill Bluff	23-Apr-09		KEJ
<i>Agonopterix nigrinotella</i>	CRAWFORD: Hogback Prairie	07-Nov-09		KEJ
<i>Agonopterix pulvipennella</i>	OUTAGAMIE: Maine SWA	25-Feb-09		KEJ
<i>Agonopterix pulvipennella</i>	DANE: UW Arboretum	17-Mar-09		KEJ
<i>Agonopterix pulvipennella</i>	ONEIDA: Finnerud Forest	04-May-09		KEJ
<i>Agonopterix pulvipennella</i>	TAYLOR: Kidrick Uplands	07-May-09		KEJ
<i>Agonopterix pulvipennella</i>	CRAWFORD: Hogback Prairie	07-Nov-09		KEJ
<i>Agonopterix walsinghamella</i>	ONEIDA: Finnerud Forest	04-May-09		KEJ
<i>Depressaria cinereocostella</i>	Sauk: Loddes Mill Bluff	23-Apr-09		KEJ

GELECHIIDAE

<i>Metzneria lappella</i>	Dane: Pasque Flower Hill	09-Jul-09	27-Jul-09	KEJ
<i>Metzneria lappella</i>	GREEN: Abraham's Woods SNA	08-Aug-09		KEJ
<i>Coleotechnites eryngiella</i>	DANE: Pasque Flower Hill	09-Jul-09		KEJ
<i>Arogalea cristifasciella</i>	SAUK: Loddes Mill Bluff	23-Apr-09		KEJ
<i>Arogalea cristifasciella</i>	DANE: Pasque Flower Hill	24-Apr-09		KEJ
<i>Arogalea cristifasciella</i>	ONEIDA: Finnerud Forest	04-Jun-09		KEJ
<i>Telphusa latifasciella</i>	Dane: Pasque Flower Hill	09-Jul-09		KEJ
<i>Telphusa longifasciella</i>	Dane: Pasque Flower Hill	24-Apr-09		KEJ
<i>Gnorimoschema gallaesolidaginis</i>	COLUMBIA: Lodi Marsh SWA	24-Sep-09		KEJ
<i>Helcystogramma fernaldella</i>	RICHLAND: Hub City Bog	20-May-09		KEJ
<i>Helcystogramma fernaldella</i>	ONEIDA: Finnerud Forest	04-Jun-09		KEJ
<i>Chionodes mediofuscella</i>	ONEIDA: Finnerud Forest	04-Jun-09		KEJ
<i>Dichomeris furia</i>	DANE: Swamp Lover's Preserve	18-Jul-09		KEJ
STATE RECORD; northwesternmost record?				
<i>Dichomeris ligulella</i>	Green: Abraham's Woods SNA	19-Jul-09		KEJ
<i>Dichomeris ventrella</i>	VERNON: Kooyumjian-Lost Creek CF	15-Apr-09		KEJ
<i>Trichotaphe flavocostella</i>	Dane: Pasque Flower Hill	09-Jul-09		KEJ

COLEOPHORIDAE

<i>Coleophora trifolii</i>	Dane: Pasque Flower Hill	09-Jul-09		KEJ
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COSMOPTERIGIDAE

<i>Cosmopterix pulchrimella</i>	DANE: UW Arboretum	28-Jul-09		KEJ
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CARPOSINIDAE

<i>Bondia crescentella</i>	ONEIDA: Finnerud Forest	04-May-09		KEJ
STATE RECORD family				

GLYPHIPTERIGIDAE

<i>Glyphipterix haworthana</i> southern range extension	JACKSON: Martin Marsh	07-May-09		KEJ
<i>Glyphipterix haworthana</i>	CLARK: Abbott Ranch Road Peatland	07-May-09		KEJ
<i>Glyphipterix haworthana</i>	TAYLOR: Kidrick Swamp/Krimslinger Bog	08-May-09		KEJ

<i>Glyphipterix haworthana</i>	ASHLAND: Black Creek Bog	18-May-09	KEJ
PLUTELLIDAE			
<i>Plutella xylostella</i>	LINCOLN: Bradley	26-Sep-09	KEJ
<i>Ypsolopha dentella</i>	GREEN: Abraham's Woods SNA	19-Jul-09	KEJ
YPONOMEUTIDAE			
<i>Atteva pustulella</i>	Richland: Hub City Bog	20-May-09	KEJ
ARGYRESTHIIDAE			
<i>Argyresthia oreasella</i>	GREEN: Abraham's Woods SNA	19-Jul-09	KEJ
LYONETIIDAE			
<i>Philonome clemensella</i>	GREEN: Abraham's Woods SNA	08-Aug-09	KEJ
STATE RECORD			
CRAMBIDAE			
<i>Crambus abellus</i>	LINCOLN: Bradley	26-Sep-09	KEJ
<i>Crambus alienellus</i>	ONEIDA: Big Finnerud Bog	05-Jun-09	KEJ
<i>Herpetogramma thestealis</i>	SAUK: Loddes Mill Bluff	23-Aug-09	KEJ
<i>Herpetogramma thestealis</i>	Oneida: Finnerud Forest	01-Sep-09	KEJ
<i>Loxostege cerealis</i>	Dane: Swamp Lover's Preserve	18-Jul-09	KEJ
<i>Neodactria luteolella</i>	Dane: Pasque Flower Hill	09-Jul-09	KEJ
<i>Nomophila nearctica</i>	WAUSHARA: Coloma	04-Oct-09	KEJ
<i>Palpita magniferalis</i>	TAYLOR: Kidrick Swamp	07-May-09	KEJ
<i>Pseudopyrausta marginalis</i>	Burnett: Namekagon Bog	17-May-09	KEJ
<i>Pseudopyrausta marginalis</i>	VILAS: Scat Lake Bog	23-May-09	KEJ
<i>Sitochroa palealis</i>	Dane: Pasque Flower Hill	09-Jul-09	KEJ
<i>Sitochroa palealis</i>	ROCK: Avon Bottoms	19-Jul-09	KEJ
<i>Synclita oblitalis</i>	Richland: Hub City Bog	20-May-09	KEJ
<i>Synclita oblitalis</i>	Sauk: Loddes Mill Bluff	23-Aug-09	KEJ
PYRALIDAE			
<i>Hypsopygia costalis</i>	Dane: Lodi Marsh SWA	24-Sep-09	KEJ
<i>Eulogia ochrifrontella</i>	Dane: Pasque Flower Hill	27-Jul-09	KEJ
CHOREUTIDAE			
<i>Tebenna silphiella</i>	GREEN: Oliver Prairie	19-Jul-09	KEJ
LIMACODIDAE			
<i>Tortricidia flexuosa</i>	Dane: Swamp Lover's Preserve	18-Jul-09	KEJ
<i>Apoda y-inversum</i>	Dane: Swamp Lover's Preserve	18-Jul-09	KEJ
<i>Prolimacodes badia</i>	Dane: Swamp Lover's Preserve	18-Jul-09	KEJ
TORTRICIDAE			
<i>Phaneta verna</i>	Dane: Pasque Flower Hill	24-Apr-09	KEJ
<i>Epiblema scudderiana</i>	RICHLAND: Hub City Bog	20-May-09	KEJ
<i>Pseudexentera kalmiana</i>	Oneida: Big Finnerud Bog	04-May-09	KEJ
<i>Pseudexentera kalmiana</i>	TAYLOR: Krimslinger Bog	08-May-09	KEJ
<i>Pseudexentera kalmiana</i>	Langlade: Kempster Bog	23-May-09	KEJ
<i>Pseudexentera spoliata</i>	IOWA: Arena Pine Barrens	15-Apr-09	KEJ
<i>Pseudexentera vaccinii</i>	JACKSON: Martin Marsh	07-May-09	KEJ
<i>Pseudexentera virginiana</i>	TAYLOR: Kidrick Uplands	07-May-09	KEJ
<i>Epinotia lindana</i>	Columbia: Lodi Marsh SWA	24-Sep-09	KEJ
<i>Epinotia sotipena</i>	Green: Abraham's Woods SNA	09-Apr-09	KEJ
<i>Epinotia sotipena</i>	SAUK: Loddes Mill Bluff	23-Apr-09	KEJ
<i>Ancylis mediofasciana</i>	JACKSON: Martin Marsh	07-May-09	KEJ
<i>Acleris bowmanana</i>	DANE: Swamp Lover's Preserve	04-Mar-09	KEJ
<i>Acleris bowmanana</i>	LINCOLN: Landwehr Creek & Bradley	11-May-09	27-Sep-09 KEJ
<i>Acleris bowmanana</i>	MARATHON: Knowlton	04-Oct-09	KEJ
<i>Acleris chalybeana</i>	Green: Abraham's Woods SNA	09-Apr-09	KEJ
<i>Acleris flavivittana</i>	Iowa: Arena Pine Barrens	15-Apr-09	KEJ
<i>Acleris fuscana</i>	Sauk: Loddes Mill Bluff	23-Apr-09	KEJ
<i>Acleris maculidorsana</i>	TAYLOR: Kidrick Swamp	08-May-09	KEJ
<i>Acleris negundana</i>	RICHLAND: Hub City	15-Apr-09	KEJ
<i>Acleris nigrolinea</i>	Dane: UW Arboretum	17-Mar-09	KEJ
<i>Acleris nigrolinea</i>	Sauk: Loddes Mill Bluff	23-Apr-09	KEJ
<i>Acleris nigrolinea</i>	TAYLOR: Kidrick Swamp & Uplands	07-May-09	KEJ
<i>Acleris nigrolinea</i>	Burnett: Namekagon Barrens	17-May-09	KEJ
<i>Acleris nigrolinea</i>	LINCOLN: Bradley	26-Sep-09	KEJ
<i>Acleris oxycoccana</i>	CLARK: Abbott Ranch Road Peatland	07-May-09	KEJ
<i>Acleris oxycoccana</i>	JACKSON: Martin Marsh	07-May-09	KEJ
<i>Acleris oxycoccana</i>	TAYLOR: Krimslinger Bog	08-May-09	KEJ
<i>Acleris oxycoccana</i>	ASHLAND: Black Creek Bog	18-May-09	KEJ
<i>Acleris ptychogrammos</i>	Dane: UW Arboretum	17-Mar-09	KEJ

<i>Acleris ptychogrammos</i>	RICHLAND: Hub City Bog	15-Apr-09		KEJ
<i>Acleris schalleriana</i>	Dane: UW Arboretum & New Observatory Woods	16-Mar-09	21-Mar-09	KEJ
<i>Acleris subnivana</i>	Dane: New Observatory Woods	21-Mar-09		KEJ
<i>Acleris subnivana</i>	Green: Abraham's Woods SNA	09-Apr-09	19-Jul-09	KEJ
<i>Acleris subnivana</i>	Sauk: Loddes Mill Bluff	23-Apr-09		KEJ
<i>Argyrotaenia cockerellana</i> record from Jerry W. Goth	Dane: Swamp Lover's Preserve	18-Sep-09		KEJ
<i>Argyrotaenia quercifolia</i>	Dane: Pasque Flower Hill	09-Jul-09		KEJ
<i>Xenotemna pallorana</i>	Dane: Lodi Marsh SWA	24-Sep-09		KEJ
<i>Sparganothis reticulatana</i>	Dane: Swamp Lover's Preserve	18-Jul-09		KEJ
<i>Sparganothis sulfureana</i>	Oneida: Finnerud Forest	01-Sep-09		KEJ
GEOMETRIDAE				
<i>Macaria masquerata</i>	RICHLAND: Hub City Bog	20-May-09		KEJ
<i>Macaria notata</i>	RICHLAND: Hub City bog	20-May-09		KEJ
<i>Macaria sexmaculata</i>	RICHLAND: Hub City Bog	20-May-09		KEJ
<i>Macaria truncataria</i>	CLARK: Abbott Ranch Road Peatland	07-May-09		KEJ
<i>Macaria truncataria</i>	TAYLOR: Kidrick Swamp & Krimslinger Bog	08-May-09		KEJ
<i>Macaria truncataria</i>	CHIPPEWA: Long Lake Bog	02-Jun-09		KEJ
<i>Digrammia ordinata</i>	Dane: Pasque Flower Hill	09-Jul-09		KEJ
<i>Hesperumia sulphuraria</i>	TAYLOR: Hannibal Rd, 2 mi S of CR N & D intersection	27-Jul-09		SCB
<i>Paleacrita merriccata</i>	RICHLAND: Hub City Bog	15-Apr-09		KEJ
<i>Paleacrita merriccata</i>	IOWA: Arena Pine Barrens	15-Apr-09		KEJ
<i>Cingilia catenaria</i>	LINCOLN: Bradley Bog	26-Sep-09		KEJ
<i>Hethemia pistasciaria</i>	CHIPPEWA: Long Lake Bog	02-Jun-09		KEJ
<i>Hethemia pistasciaria</i>	IRON: Turtle-Flambeau Peatland	05-Jun-09		KEJ
<i>Hethemia pistasciaria</i> also Alice Burkel	MANITOWOC: Vanderbloomen Bog	07-Jul-09		KEJ
<i>Mesothea incertata</i>	CLARK: Abbott Ranch Road Peatland	07-May-09		KEJ
<i>Cyclophora packardi</i>	LAFAYETTE: New Diggings	14-May-09		LAF
<i>Epirrita autumnata henshawi</i>	LINCOLN: Bradley Bog	26-Sep-09		KEJ
<i>Epirrita autumnata henshawi</i>	VILAS: Conover	04-Oct-09		KEJ
<i>Chloroclystis rectangulata</i> STATE RECORD, collected at UV light by Hugo Kons Jr. and Bob Borth, det. G. J. Balogh	MILWAUKEE: Fox Point (Borth residence)	27-Jun-09		GJB
SPHINGIDAE				
<i>Sphinx canadensis</i>	Price: Intersection of County N & County I	28-Jul-09		SCB
<i>Sphinx luscitiosa</i> collected by Richard D. Breen, reared from larva found on aspen 23 July 2008	PORTAGE: Buena Vista Prairie Chicken Area	28-May-09		LAF
<i>Lintneria eremitus</i>	PRICE: Intersection of County N & County I	28-Jul-09		SCB
<i>Hyles euphorbiae</i> STATE RECORD, several at lights, collected by Ian Miller	EAU CLAIRE: Eau Claire	03-Jun-09	09-Jun-09	LAF
NOTODONTIDAE				
<i>Hyparpax aurora</i>	TAYLOR: Hannibal Rd, 2 mi S of CR N & D intersection	27-Jul-09		SCB
ARCTIIDAE				
<i>Holomelina lamae</i>	Douglas: Gordon Bog	30-Jul-09		KEJ
<i>Grammia arge</i>	TAYLOR: Hannibal Rd S of Cnty N & Cnty D intersect 2 miles	27-Jul-09		SCB
NOCTUIDAE				
<i>Scoliopteryx libatrix</i>	GREEN: Stewart Tunnel on Badger State Trail	24-Jan-09		LAF
<i>Zale duplicata</i>	RICHLAND: Hub City Bog	20-May-09		KEJ
<i>Catocala connubialis</i>	Jackson: Hunters Haven Rd, 7 miles E of Black River Falls	16-Jul-09		SCB
<i>Catocala habilis</i>	WALWORTH: Rustic Rd #11, 1 mile N.of Hwy 50	11-Sep-09		SCB
<i>Catocala micronympha</i>	JACKSON: Hunters Haven Rd, 7 miles E of Black River Falls	16-Jul-09		SCB
<i>Catocala obscura</i>	WALWORTH: Rustic Rd #11, 1 mile N.of Hwy 50	11-Sep-09		SCB
<i>Catocala retecta</i>	WALWORTH: Rustic Rd #11, 1 mile N.of Hwy 50	11-Sep-09		SCB
<i>Catocala subnata</i>	WALWORTH: Rustic Rd #11, 1 mile N.of Hwy 50	11-Sep-09		SCB
<i>Catocala vidua</i>	WALWORTH: Rustic Rd #11, 1 mile N.of Hwy 50	11-Sep-09		SCB
<i>Cerma cora</i>	LAFAYETTE: Hardscrabble Prairie SNA	14-May-09		LAF
<i>Calophasia lunula</i>	LAFAYETTE: New Diggings	14-May-09		LAF
<i>Calophasia lunula</i>	BROWN: Green Bay	22-Jul-09		KEJ
<i>Psaphida thaxteriana</i>	Dane: New Observatory Woods	21-Mar-09		KEJ
<i>Feralia comstocki</i>	TAYLOR: Kidrick Swamp	07-May-09		KEJ
<i>Feralia comstocki</i>	RICHLAND: Hub City Bog	20-May-09		KEJ
<i>Feralia major</i>	BAYFIELD: Barrens-FR 419 & Hwy 2	18-May-09		SCB
<i>Heliothis borealis</i>	LANGLADE: Kempster Bog	23-May-09		KEJ
<i>Heliothis phloxiphagus</i>	BAYFIELD: Moquah Barrens	25-May-09		KEJ
<i>Schinia indiana</i>	Burnett: Crex Meadows, Fish Lake, Danbury WA	24-May-09	31-May-09	SAS
<i>Schinia lucens</i>	Burnett: Crex Meadows WA	23-Jul-09		SAS
<i>Lemmeria digitalis</i>	LINCOLN: Bradley Bog	26-Sep-09		KEJ

Chortodes defecta	DOOR: Sturgeon Bay	30-Jul-09	LAF
Papaipema inquaesita	LINCOLN: Bradley Bog	26-Sep-09	KEJ
Papaipema nelita	Columbia: Lodi Marsh SWA	24-Sep-09	KEJ
Papaipema pterisii	LINCOLN: Bradley	26-Sep-09	KEJ
Papaipema sciata record from Jerry W. Goth	Dane: Swamp Lover's Preserve	18-Sep-09	KEJ
Papaipema silphii record from Jerry W. Goth	Dane: Swamp Lover's Preserve	18-Sep-09	KEJ
Lithophane franclemonti	Dane: Swamp Lover's Preserve	12-Apr-09	KEJ
Lithophane patefacta	TAYLOR: Kidrick Uplands	07-May-09	KEJ
Lithophane pexata	TAYLOR: Kidrick Swamp	07-May-09	KEJ
Lithophane semiusta	LAFAYETTE: Hardscrabble Prairie SNA	15-Apr-09	LAF
Lithophane semiusta	TAYLOR: Kidrick Swamp & Uplands	07-May-09	KEJ
Hillia iris	COLUMBIA: Lodi Marsh SWA	24-Sep-09	KEJ
Ufeus satyricus record from Jerry W. Goth	Dane: Swamp Lover's Preserve	25-Oct-09	KEJ
Coranarta luteola	LINCOLN: peatlands SW of Tomahawk	11-May-09	KEJ
Faronta rubripennis	Dane: Swamp Lover's Preserve	18-Jul-09	KEJ
Leucania ursula	COLUMBIA: Lodi Marsh SWA	24-Sep-09	KEJ
Striacosta albicosta	DOOR: Sturgeon Bay	30-Jul-09	LAF
Cerastis fishii	TAYLOR: Kidrick Swamp	07-May-09	KEJ

Zone 9 Southeast

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

Coordinator: Brian G. Scholtens

Contributors Cited:

AFA : J. & E. Adams & Irving Finkelstein
 WDA : W. David Arbour
 ILF : Irving L. Finkelstein
 MKA : M. Kastner
 RLP : Ricky L. Patterson
 ROS : Rosemary Seidler
 PT1 : Paul Thompson

A/F : James Adams & Irving Finkelstein
 SCB : Steven C. Bransky
 JFF : John F. Fisher
 CWM : Craig W. Marks
 KR : Kilian Roeber
 RS1 : Ray Simpson
 JT1 : Jeff Trahan

JKA : James K. Adams
 LAD : Lance Durden
 DMF : Dennis M. Forsythe
 SM1 : Steve Mix
 BGS : Brian G. Scholtens
 LS : Lois Stacey
 MW : Mark Walker

ALABAMA

Butterflies

PAPILIONIDAE

Eurytides marcellus	Macon: Tuskegee	30-Mar-09	PT1
Papilio palamedes	Macon: Tuskegee	30-Mar-09	PT1

PIERIDAE

Phoebis sennae	Macon: Tuskegee	30-Mar-09	PT1
Eurema दौरa	Macon: Tuskegee	30-Mar-09	PT1
Abaeis nicippe	Macon: Tuskegee	30-Mar-09	PT1

LYCAENIDAE

Calycopis cecrops	Macon: Tuskegee	30-Mar-09	PT1
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NYMPHALIDAE

Danaus plexippus	Macon: Tuskegee	30-Mar-09	PT1
Danaus plexippus sight record	Jefferson: Birmingham Airport	05-Nov-09	PT1
Anaea andria	Macon: Tuskegee	30-Mar-09	PT1
Lethe portlandia	Macon: Tuskegee	30-Mar-09	PT1
Cyllopsis gemma	Macon: Tuskegee	30-Mar-09	PT1
Hermeuptychia sosybius	Macon: Tuskegee	30-Mar-09	PT1
Vanessa virginiensis	Macon: Tuskegee	30-Mar-09	PT1

ARKANSAS

Butterflies

LYCAENIDAE

Parrhasius m-album photo record, very early	SEVIER: De Queen	16-Feb-09	WDA
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Moths

SPHINGIDAE

Aellopos titan photo record; record from Charles Mills	HEMPSTEAD: Millwood Lake, Beard's Bluff RA	02-Nov-09	JFF
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FLORIDA

Butterflies

HESPERIIDAE

Thorybes bathyllus sight record	Okaloosa: John Riley Barnhill Rd., Blackwater River SF	04-Jul-08	CWM
Erynnis zarucco sight record	Okaloosa: John Riley Barnhill Rd., Blackwater River SF	04-Jul-08	CWM
Nastra Iherminier sight record	Okaloosa: John Riley Barnhill Rd., Blackwater River SF	04-Jul-08	CWM

PAPILIONIDAE

Eurytides marcellus sight record	Okaloosa: John Riley Barnhill Rd., Blackwater River SF	04-Jul-08	CWM
Battus philenor sight record	Okaloosa: John Riley Barnhill Rd., Blackwater River SF	04-Jul-08	CWM
Papilio glaucus sight record	Okaloosa: John Riley Barnhill Rd., Blackwater River SF	04-Jul-08	CWM
Papilio palamedes sight record	Okaloosa: John Riley Barnhill Rd., Blackwater River SF	04-Jul-08	CWM
Papilio troilus sight record	Okaloosa: John Riley Barnhill Rd., Blackwater River SF	04-Jul-08	CWM

PIERIDAE

Eurema दौरा sight record	Okaloosa: John Riley Barnhill Rd., Blackwater River SF	04-Jul-08	CWM
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LYCAENIDAE

Calycopis cecrops sight record	Okaloosa: John Riley Barnhill Rd., Blackwater River SF	04-Jul-08	CWM
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NYMPHALIDAE

Hermeuptychia sosybius sight record	Okaloosa: John Riley Barnhill Rd., Blackwater River SF	04-Jul-08	CWM
Junonia coenia sight record	Okaloosa: John Riley Barnhill Rd., Blackwater River SF	04-Jul-08	CWM

GEORGIA

Butterflies

HESPERIIDAE

Lerodea eufala Local in GA	Burke: Di-Lane Plantation WMA	26-Aug-09	LS
Nastra Iherminier Local in GA	Burke: Di-Lane Plantation WMA	26-Aug-09	LS
Problema bulenta Local in GA	McIntosh: Swampy area nr. Darien	04-Sep-09	LAD
Problema byssus Local in GA	Burke: Di-Lane Plantation WMA	26-Aug-09	LS
Problema byssus Local in GA; record from Pierre Howard	Camden: near Woodbine	29-Aug-09	JKA
Poanes viator Local in GA	Camden: near Woodbine	26-Aug-09	LS
Euphyes arpa Local in GA; record from Pierre Howard	Camden: near Woodbine	29-Aug-09	JKA
Euphyes berryi	McIntosh: Swampy area nr. Darien	04-Sep-09	LAD
Euphyes dukesi	McIntosh: Swampy area nr. Darien	04-Sep-09	LAD

LYCAENIDAE

Satyrrium kingi Uncommon; record from Anthony Zukoff & Fitz Clarke	Chatham: 1/2 mi from Orange Trail-Wormsloe State Hist Site	22-May-09	JKA
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Satyrium kingi	Fannin: Cooper's Creek Rec Area	08-Aug-09	JKA
Uncommon; late date; record from Tony McBride			
Leptotes marina	TAYLOR : Hwy. 127 @ Whitewater Ck Bridge	18-Jul-09	JKA
third in state; record from Dan Vickers & Pierre Howard			
NYMPHALIDAE			
Anthanassa texana	Burke: Di-Lane Plantation WMA	26-Aug-09	LS
Local in GA			
Moths			
HEPIALIDAE			
Sthenopsis auratus	Gilmer: 8 mi. NW of Ellijay, along Gates Chapel Rd.	28-May-09	ILF
2nd record for GA; first female			
ELACHISTIDAE			
Agonopterix flavicomella	PICKENS: Pickens Co.	26-Oct-08	JKA
STATE record; from Bugguide			
CRAMBIDAE			
Terastia meticulosalis	HENRY : McDunnough	24-Jul-08	JKA
farthest north; very uncommon in GA; record from Doug Hughes			
COSSIDAE			
Cossula magnifica	BARTOW: 5 mi. ESE Fairmount, along Salacoa Ck	27-Jun-09	JKA
local in N GA			
LIMACODIDAE			
Euclea nanina	BARTOW: 5 mi. ESE Fairmount, along Salacoa Ck	11-Jul-09	JKA
uncommon in N GA			
GEOMETRIDAE			
Macaria varadaria	WARE: Waycross	04-Apr-09	AFA
few in GA			
Digrammia continuata	MONROE: Monroe Co. (no other info)	10-Oct-09	JKA
late record; record from Terry Johnson			
Paleacrita merriccata	Whitfield: exit 326 off I-75, Carbondale	18-Nov-09	JKA
Earliest record by a couple of months, normally spring flier			
Lytrosis permagnaria	Gilmer: 8 mi. NW of Ellijay, along Gates Chapel Rd.	28-May-09	ILF
Uncommon			
Lytrosis sinuosa	Gilmer: 8 mi. NW of Ellijay, along Gates Chapel Rd.	28-May-09	ILF
Uncommon			
Euchlaena madusaria	TATTNALL: Ochoopee Dunes, Handy Kennedy Rd, 1 mi N of Hwy 53	03-Apr-09	24-Sep-09 AFA
local in GA			
Selenia kentaria	Bartow: 5 mi. ESE Fairmount, along Salacoa Ck	27-Jun-09	JKA
summer brood much less frequently encountered than spring			
Plagodis kuetzingi	Rabun: Rabun Bald area	09-Aug-09	AFA
Uncommon			
Nepytia canosaria	RABUN: Dillard	09-Aug-09	JKA
STATE record			
Nemoria elfa	WARE: Dixon Mem Forest WMA, SW of Laura Walker SP	04-Apr-09	AFA
uncommon			
Hydrelia albifera	FANNIN: Cooper's Creek Rec Area	08-Aug-09	AFA
STATE record			
DREPANIDAE			
Eudeilinia herminiata	FANNIN: Cooper's Creek Rec Area	08-Aug-09	AFA
local and uncommon in GA			
SATURNIIDAE			
Anisota virginiana	LONG: Ludowici	17-Dec-08	JKA
Submitted as subspecies pellucida; unusual date; male at lights			
SPHINGIDAE			
Manduca rustica	MONROE: Forsyth	11-Jul-09	JKA
record from Angela & Terry Johnson			
NOTODONTIDAE			
Hyparpax perophoroides	BRANTLEY: Dixon Mem Forest WMA, E of Laura Walker SP	04-Apr-09	AFA
very few in state			
ARCTIIDAE			
Virbia fergusonii	Tattnall: Ochoopee Dunes, Handy Kennedy Rd, 1 mi N Hwy 53	03-Apr-09	AFA
Spilosoma dubia	Ware: Dixon Mem Forest WMA, SW of Laura Walker SP	04-Apr-09	AFA
Uncommon in S GA			
Syntomeida epilais	Chatham: 8 Jamaica Run Dr., Savannah	21-Jul-09	JKA
photo record by Robert Biro			
NOCTUIDAE			
Oxycilla malaca	FANNIN: Cooper's Creek Rec Area	08-Aug-09	AFA
very uncommon			

Dyspyralis nigellus first from S GA	WARE: Dixon Mem Forest WMA, SW of Laura Walker SP	04-Apr-09		AFA
Parahyponodes quadralis very few in state	BARTOW: 5 mi. ESE Fairmount, along Salacoa Ck	05-Sep-09		JKA
Macrophilo litophora Uncommon	Bartow: 5 mi. ESE Fairmount, along Salacoa Ck	11-Jul-09		JKA
Melanomma auricinctaria uncommon	GORDON: Sonoraville	05-Jun-09		JKA
Scoliopteryx libatrix uncommon	GORDON: Sonoraville	05-Jun-09		JKA
Drasteria graphica One of two locations in state where the species is known	Brantley: Dixon Mem Forest WMA, E of Laura Walker SP	04-Apr-09		AFA
Epidromia rotundata farthest north	TATTNALL: Ochoopee Dunes, Handy Kennedy Rd, 1 mi N of Hwy 53	24-Sep-09		A/F
Protapamea danieli Local around cane	Bartow: 5 mi. ESE Fairmount, along Salacoa Ck	13-Jun-09		JKA
Lesmone hinna fewer than 10 in Georgia	TATTNALL: Ochoopee Dunes, Handy Kennedy Rd, 1 mi N of Hwy 53	24-Sep-09		A/F
Zale declarans farthest north	TATTNALL: Ochoopee Dunes, Handy Kennedy Rd, 1 mi N of Hwy 53	03-Apr-09		AFA
Dysgonia similis Uncommon	TATTNALL: Ochoopee Dunes, Handy Kennedy Rd, 1 mi N of Hwy 53	03-Apr-09	24-Sep-09	AFA
Catocala cara Uncommon	Bartow: 5 mi. ESE Fairmount, along Salacoa Ck	12-Sep-09		JKA
Catocala insolabilis very uncommon in GA	GORDON: Calhoun (yard of JKA)	29-Jun-09		JKA
Catocala nebulosa Uncommon	BARTOW: 5 mi. ESE Fairmount, along Salacoa Ck	27-Jun-09		JKA
Catocala pretiosa uncommon	BARTOW: 5 mi. ESE Fairmount, along Salacoa Ck	13-Jun-09		JKA
Catocala robinsoni Uncommon	Whitfield: exit 326 off I-75, Carbondale	15-Oct-09		JKA
Catocala sappho Uncommon	Rabun: Dillard	09-Aug-09		AFA
Bagisara rectifascia Uncommon	Bartow: 5 mi. ESE Fairmount, along Salacoa Ck	27-Jun-09		JKA
Acronicta perblanda extremely uncommon in GA (first I've seen)	WARE: Dixon Mem Forest WMA, SW of Laura Walker SP	04-Apr-09		AFA
Agriopodes fallax Uncommon	TATTNALL: Ochoopee Dunes, Handy Kennedy Rd, 1 mi N of Hwy 53	24-Sep-09		A/F
Alypia octomaculata	GORDON: Calhoun (yard of JKA)	02-Apr-09		JKA
Lepipolys perscripta 2nd location in GA	TATTNALL: Ochoopee Dunes, Handy Kennedy Rd, 1 mi N of Hwy 53	03-Apr-09		AFA
Lepipolys perscripta 3rd location in GA	WARE: Dixon Mem Forest WMA, NE of Laura Walker SP	04-Apr-09		AFA
Lepipolys perscripta 4th locatioin in GA	BULLOCH: Statesboro	14-Apr-09		LAD
Feralia major earliest for State; a Jan-Mar moth in N GA	LONG: Ludowici	17-Dec-08		JKA
Rhodoecia aurantiaga <10 in GA	TATTNALL: Ochoopee Dunes, Handy Kennedy Rd, 1 mi N of Hwy 53	24-Sep-09		A/F
Schinia nundina Local in GA	Bartow: 5 mi. ESE Fairmount, along Salacoa Ck	11-Jul-09		JKA
Schinia nundina local in GA	TATTNALL: Ochoopee Dunes, Handy Kennedy Rd, 1 mi N of Hwy 53	24-Sep-09		A/F
Callopietria cordata Local in GA	WARE: Dixon Mem Forest WMA, SW of Laura Walker SP	04-Apr-09		AFA
Elaphria fuscimacula very local	TATTNALL: Ochoopee Dunes, Handy Kennedy Rd, 1 mi N of Hwy 53	24-Sep-09		A/F
Fagitana littera very few locations in GA	Ware: Dixon Mem Forest WMA, SW of Laura Walker SP	04-Apr-09		AFA
Apamea cariosa Uncommon	GORDON: Sonoraville	30-May-09	05-Jun-09	JKA
Apamea cariosa Uncommon	BARTOW: 5 mi. ESE Fairmount, along Salacoa Ck	13-Jun-09		JKA
Resapamea trigona Local around cane	Bartow: 5 mi. ESE Fairmount, along Salacoa Ck	15-Aug-09		JKA
Oligia chlorostigma very uncommon in GA; first records (2) out of mtns.	BARTOW: 5 mi. ESE Fairmount, along Salacoa Ck	13-Jun-09		JKA

Meropleon cosmion local/uncommon in GA	WARE: Waycross	18-Dec-08	JKA
Meropleon cosmion local/uncommon in GA	TURNER: Turner Co. I-75 rest area	19-Dec-08	JKA
Papaipema eupatorii Uncommon	Bartow: 5 mi. ESE Fairmount, along Salacoa Ck	30-Oct-09	JKA
Lithophane adipel 5th record for GA	GILMER: 8 mi. NW of Ellijay, along Gates Chapel Rd.	13-Feb-09	ILF
Epiglaea apiata 2nd record for GA	LONG: Griffin Ridge WMA, 3 mi SW Ludowici	17-Dec-08	JKA
Sideridis ruisa Extremely uncommon, < 5 in GA	Tattnall: Ohooppee Dunes, Handy Kennedy Rd, 1 mi N of Hwy 53	24-Sep-09	A/F
Sideridis vindemialis third location in state	BRANTLEY: Dixon Mem Forest WMA, E of Laura Walker SP	04-Apr-09	AFA
Ulolonche modesta Uncommon and local in GA	TATTNALL: Ohooppee Dunes, Handy Kennedy Rd, 1 mi N of Hwy 53	03-Apr-09	AFA
Dichagyris grotei Uncommon in Georgia	Bartow: 5 mi. ESE Fairmount, along Salacoa Ck	12-Sep-09	JKA
Feltia manifesta very local	TATTNALL: Ohooppee Dunes, Handy Kennedy Rd, 1 mi N of Hwy 53	03-Apr-09	AFA
Noctua pronuba 2nd year in a row for this locality	Gilmer: 8 mi. NW of Ellijay, along Gates Chapel Rd.	29-May-09	ILF
Noctua pronuba	FANNIN: Cooper's Creek Rec Area	08-Aug-09	AFA
Xestia praevia early, local in state	FANNIN: Cooper's Creek Rec Area	08-Aug-09	AFA

LOUISIANA

Butterflies

HESPERIIDAE

Thorybes confusus sight record	Natachitoches: Kisatchie NF	26-Apr-09	CWM
Erynnis baptisiae sight record	Grant: Kisatchie NF	07-Mar-09	31-May-09 CWM
Erynnis brizo sight record	Grant: Kisatchie NF	07-Mar-09	29-Mar-09 CWM
Erynnis brizo sight record	Natachitoches: Kisatchie NF	22-Mar-09	CWM
Erynnis funeralis sight record	Natchitoches: FS Rd. 321, Kisatchie NF	12-Jun-09	JT1
Erynnis funeralis sight record	Lafayette: Lafayette	01-Aug-09	CWM
Erynnis funeralis sight record	St. Landry: Thistlethwaite WMA	21-Sep-09	CWM
Amblyscirtes alternata sight record	Natachitoches: Kisatchie NF	17-Jun-09	CWM
Amblyscirtes vialis sight record	Grant: Kisatchie NF	29-Mar-09	CWM
Hesperia meskei photo record	Natchitoches: FS Rd. 321, Kisatchie NF	12-Jun-09	JT1
Hesperia meskei sight record	Natachitoches: Kisatchie NF	17-Jun-09	CWM
Polites origenes sight record	Natachitoches: Kisatchie NF	26-Apr-09	CWM
Wallengrenia otho sight record	Natchitoches: FS Rd. 321, Kisatchie NF	12-Jun-09	JT1
Anatrytone logan sight record	St. Landry: Thistlethwaite WMA	16-Aug-09	30-Aug-09 CWM
Anatrytone logan sight record	Rapides: Indian Creek Rec. Area	30-Aug-09	CWM
Euphyes dukesi sight record	St. Landry: Thistlethwaite WMA	16-Aug-09	CWM
Atrytonopsis hianna sight record	Natachitoches: Kisatchie NF	22-Mar-09	CWM
Atrytonopsis hianna sight record	Grant: Kisatchie NF	29-Mar-09	CWM
Atrytonopsis hianna sight record	Natachitoches: Kisatchie NF	26-Apr-09	CWM

Megathymus streckeri sight record	Natachitoches: Kisatchie NF	26-Apr-09		CWM
PAPILIONIDAE				
Battus philenor photo record	EVANGELINE: LA State Arboretum	30-Apr-06		ROS
Papilio cresphontes	LINCOLN: near Simsboro	09-Feb-08		ROS
Papilio glaucus	GRANT: near Hargis	10-Apr-05		ROS
Papilio glaucus	EVANGELINE: LA State Arboretum	30-Apr-06		ROS
Papilio palamedes sight record	Natchitoches: FS Rd. 321, Kisatchie NF	12-Jun-09		JT1
Papilio troilus	EVANGELINE: LA State Arboretum	30-Apr-06		ROS
Papilio troilus photo record	GRANT: near Hargis	29-Jun-06		ROS
Papilio troilus	Natchitoches: FS Rd. 321, Kisatchie NF	12-Jun-09		JT1
PIERIDAE				
Colias eurytheme photo record	GRANT: Morning Star Rd.	13-Apr-06		ROS
Phoebis sennae photo record	GRANT: Morning Star Rd.	13-Apr-06		ROS
Pyrisitia lisa photo record	GRANT: near Hargis	29-Jun-06		ROS
LYCAENIDAE				
Satyrrium kingi sight record	Rapides: Indian Creek Rec. Area	23-May-09	13-Jun-09	CWM
Callophrys irus sight record	Grant: Kisatchie NF	07-Mar-09	29-Mar-09	CWM
Callophrys irus sight record	Rapides: Indian Creek Rec. Area	07-Mar-09		CWM
Callophrys irus sight record	Natachitoches: Kisatchie NF	22-Mar-09		CWM
Callophrys niphon sight record	Grant: Kisatchie NF	07-Mar-09		CWM
Callophrys niphon sight record	Natachitoches: Kisatchie NF	22-Mar-09		CWM
Callophrys niphon sight record	Rapides: Indian Creek Rec. Area	10-Apr-09		CWM
Parrhasius m-album sight record	Rapides: Indian Creek Rec. Area	10-Apr-09		CWM
Parrhasius m-album sight record	Lafayette: Lafayette	20-Jun-09	05-Jul-09	CWM
RIODINIDAE				
Calephelis virginienis sight record	West Feliciana: Mary Brown Nature Area	25-Oct-09		CWM
NYMPHALIDAE				
Libytheana carinenta photo record	EVANGELINE: LA State Arboretum	30-Apr-06		ROS
Danaus plexippus	GRANT: Morning Star Rd.	13-Apr-06		ROS
Cercyonis pegala sight record	Rapides: Indian Creek Rec. Area	13-Jun-09		CWM
Hermeuptychia sosybius photo record	GRANT: near Hargis	10-Apr-05		ROS
Agraulis vanillae	GRANT: Morning Star Rd.	13-Apr-06		ROS
Euptoieta claudia	RAPIDES: Kisatchie NF, road 488	08-Aug-09		ROS
Vanessa virginiensis photo record	EVANGELINE: LA State Arboretum	30-Apr-06		ROS
Chlosyne nycteis sight record	St. Landry: Thistlethwaite WMA	16-Aug-09		CWM
Phyciodes tharos photo record	GRANT: near Hargis	10-Apr-05		ROS
Phyciodes tharos	Natchitoches: FS Rd. 321, Kisatchie NF	12-Jun-09		JT1
Moths				
CRAMBIDAE				
Palpita kimballi photo record	CADDO: 740 Prospect St, Shreveport	21-Jul-09		ROS
SATURNIIDAE				
Hemileuca maia sight record	St. Landry: Thistlethwaite WMA	15-Nov-09		CWM

SPHINGIDAE

Agrius cingulata photo record	CADDO: 740 Prospect St, Shreveport	24-Sep-03	ROS
Manduca quinquemaculatus photo record	CADDO: 740 Prospect St, Shreveport	31-Aug-05	ROS
Hemaris diffinis photo record	CADDO: Eddie D. Jones Park, Shreveport	18-Sep-04	ROS
Hyles lineata photo record	CADDO: 740 Prospect St, Shreveport	24-Sep-03	ROS

ARCTIIDAE

Hypercompe scribonia photo record	CADDO: 740 Prospect St, Shreveport	04-Sep-09	ROS
Utetheisa ornatrix sight record	Rapides: Kisatchie NF	08-Aug-09	CWM

NOCTUIDAE

Catocala amestris photo record	CADDO: 740 Prospect St, Shreveport	17-Jul-06	ROS
Catocala epione photo record	CADDO: Walter B. Jacobs Nature Park, Shreveport	13-Jul-06	ROS
Catocala vidua photo record	CADDO: Walter B. Jacobs Nature Park, Shreveport	13-Jul-06	ROS

MISSISSIPPI**Butterflies****HESPERIIDAE**

Amblyscirtes alternata	Tishomingo: Bloody Springs	20-Apr-09	RLP
Amblyscirtes hegon	Tishomingo: Woodall Mountain	20-Apr-09	MW
Amblyscirtes hegon	BENTON: 5 miles NNW of Hickory Flat	21-Apr-09	MW
Amblyscirtes vialis	Tishomingo: Woodall Mountain	20-Apr-09	MW
Amblyscirtes vialis	Tishomingo: Tishomingo State Park	20-Apr-09	MW
Amblyscirtes vialis	BENTON: 5 miles NNW of Hickory Flat	21-Apr-09	MW
Poanes zabulon	BENTON: 5 miles NNW of Hickory Flat	21-Apr-09	MW

PAPILIONIDAE

Papilio polyxenes asterius	Issaquena: Magna Vista	05-Jun-09	RLP
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LYCAENIDAE

Feniseca tarquinius	Tishomingo: Tishomingo State Park	20-Apr-09	MW
Callophrys henrici turneri	CHICKASAW: Chickasaw County WMA	22-Mar-09	MW
Callophrys niphon	CHICKASAW: Chickasaw County WMA	22-Mar-09	MW
Celastrina neglecta	ISSAQUENA: Magna Vista	05-Jun-09	RLP

NYMPHALIDAE

Anaea andria	Tishomingo: Woodall Mountain	20-Apr-09	MW
Nymphalis antiopa	CHICKASAW: Chickasaw County WMA	22-Mar-09	MW
Chlosyne nycteis	BENTON: 5 miles NNW of Hickory Flat	21-Apr-09	MW
Chlosyne nycteis ex larva found on ragweed	Warren: Vicksburg	11-Aug-09	RLP
Euphydryas phaeton ozarkae	TISHOMINGO: Tishomingo State Park	21-May-09	KR

Moths**GEOMETRIDAE**

Lytrosia unitaria	Lee: Natchez Trace Parkway mile marker 252	22-May-08	RLP
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NOCTUIDAE

Schinia parmeliana	Stone: 6.2 miles west of McHenry	19-Sep-09	RLP
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SOUTH CAROLINA**Butterflies****HESPERIIDAE**

Urbanus proteus	BAMBERG: Lisa Matthews Bay	03-Oct-09	MKA
Thorybes bathyllus photo record	MCCORMICK: FS Rd. 644	08-Aug-09	LS
Thorybes pylades photo record	MCCORMICK: FS Rd. 644	08-Aug-09	LS
Erynnis horatius sight record	MARION: Woodbury WMA	09-Apr-09	DMF
Erynnis juvenalis sight record	ORANGEBURG: Sandspoint Rd. 1.3 mi N junc. Hy 6	06-Mar-09	DMF
Erynnis zarucco sight record	LEXINGTON: adjacent to Shealy's Pond HP	21-Jul-09	DMF

Amblyscirtes alternata sight record	AIKEN: Aiken Gopher Tortoise Heritage Preserve.	18-Aug-09	DMF
Amblyscirtes vialis	LAURENS: Sumter NF	18-Apr-09	RS1
Ancyloxypha numitor photo record	EDGEFIELD: Steven's Creek Park	01-Aug-09	LS
Hesperia leonardus 2nd record	Newberry: Sumter NF, Brazelman's Bridge Rd.	10-Oct-09	RS1
Hesperia meskei	SUMTER: Manchester State Forest, S end of Big Bay Rd.	08-Oct-09	BGS
Atalopedes campestris sight record	BAMBERG: Ferrell Rd, E. of Hy 61 towards the Edisto River.	19-Aug-09	DMF
Wallengrenia otho sight record	NEWBERRY: Crommer Rd., Sumter NF	31-May-09	DMF
Wallengrenia otho photo record	MCCORMICK: FS Rd. 644	08-Aug-09	LS
Problema byssus	NEWBERRY: near Molly's Rock Rec. Area, Sumter NF	06-Jun-09	RS1
Poanes zabulon sight record	MARION: Woodbury WMA	29-Apr-09	DMF
Poanes zabulon sight record	WILLIAMSBURG: WeeTee State Forest	29-Apr-09	DMF
Megathymus yuccae ex pupa 23 March 2009	EDGEFIELD: Sweetwater Rd. @ Horn Creek, 33.7179°N 81.9413°W	04-Mar-09	BGS
PAPILIONIDAE			
Battus philenor	WILLIAMSBURG: Near Wee Tee State Forest	29-Mar-09	RS1
Papilio polyxenes	NEWBERRY: near Molly's Rock Rec. Area, Sumter NF	06-Jun-09	RS1
Papilio polyxenes sight record	MCCORMICK:	27-Jun-09	LS
PIERIDAE			
Anthocharis midea photo record; record from G. Phillips	HORRY: Conway	20-Mar-07	DMF
Anthocharis midea sight record	MARION: Woodbury WMA	18-Mar-09	DMF
Colias eurytheme sight record	ORANGEBURG: Eutaw Springs Battlefield	11-Mar-09	DMF
Colias philodice sight record	JASPER: Tillman Sand Ridge HP	30-Aug-09	DMF
Nathalis iole	Beaufort: Lady's Island	08-Sep-09	22-Sep-09 SM1
LYCAENIDAE			
Feniseca tarquinius	AIKEN: Silver Bluff Audubon Sanctuary	04-Apr-09	LS
Feniseca tarquinius	LAURENS: Stomp Springs Rd-Sumter NF	05-Apr-09	RS1
Feniseca tarquinius photo record	ORANGEBURG: The Oaks Retirement Community	05-Sep-09	MKA
Satyrium calanus	LAURENS: Sumter NF	06-Jun-09	RS1
Callophrys niphon photo record	AIKEN: Silver Bluff Audubon Sanctuary	19-Mar-09	LS
Callophrys niphon photo record	RICHLAND: Harbison SF	21-Mar-09	MKA
Callophrys niphon	LAURENS:	18-Apr-09	RS1
Parrhasius m-album sight record	MARION: Woodbury WMA	18-Mar-09	DMF
Parrhasius m-album	LAURENS:	18-Apr-09	RS1
Celastrina neglecta photo record	MCCORMICK: Fury's Ferry Landing	02-Aug-09	LS
Hemiargus ceraunus	BEAUFORT: Lady's Island	03-Nov-09	SM1
Hemiargus ceraunus	Charleston: Folly Beach County Park, S end of Folly Island	09-Nov-09	RS1
NYMPHALIDAE			
Anaea andria photo record	ORANGEBURG: The Oaks Retirement Community	05-Sep-09	MKA
Lethe creola sight record	MARION: Woodbury WMA	29-Apr-09	DMF
Lethe creola sight record	CALHOUN: Bridge over Lang Syne Rd.-SSR-151	18-Jul-09	DMF
Lethe creola photo record; record from A. Sweatman	ORANGEBURG: 100A Woods, Albermarle Corp.	17-Sep-09	DMF
Cyllopsis gemma	ORANGEBURG: 100A Woods, Albermarle Corp.	05-Sep-09	MKA
Cyllopsis gemma	BAMBERG: Lisa Matthews Bay	03-Oct-09	MKA
Asterocampa clyton	NEWBERRY: near Moly's Rock Rec. Area, Sumter NF	06-Jun-09	RS1
Nymphalis antiopa sight record	MARION: Woodbury WMA	18-Mar-09	DMF

Nymphalis antiopa photo record	AIKEN: Silver Bluff Audubon Sanctuary	21-Mar-09	LS
Polygonia comma sight record	JASPER: Tillman Sand Ridge HP	10-Sep-08	DMF

TENNESSEE

Butterflies

HESPERIIDAE

Lerema accius only seen for a few days before the first frost	Williamson: Parker Branch Rd-town of Franklin	29-Sep-09	18-Oct-09	SCB
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PIERIDAE

Abaeis nicippe more common than in recent years	Williamson: Parker Branch Rd-town of Franklin	26-Aug-09	05-Nov-09	SCB
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Moths

GEOMETRIDAE

Eulithis gracilineata	Williamson: Parker Branch Rd-town of Franklin	23-Sep-09		SCB
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SATURNIIDAE

Hemileuca maia	Williamson: Parker Branch Rd-town of Franklin	14-Nov-09		SCB
Callosamia angulifera	Williamson: Parker Branch Rd-town of Franklin	08-Aug-09		SCB

SPHINGIDAE

Ceratonia catalpae	Williamson: Parker Branch Rd-town of Franklin	22-Jul-09	29-Jul-09	SCB
Ceratonia hageni	Williamson: Parker Branch Rd-town of Franklin	22-Jul-09	11-Sep-09	SCB
Xylophanes tersa	Williamson: Parker Branch Rd-town of Franklin	27-Jul-09	20-Sep-09	SCB

ARCTIIDAE

Cisthene subjecta	Williamson: Parker Branch Rd-town of Franklin	23-Sep-09		SCB
Grammia arge	Williamson: Parker Branch Rd-town of Franklin	20-Aug-09		SCB
Grammia parthenice intermedia	Williamson: Parker Branch Rd-town of Franklin	11-Sep-09	22-Sep-09	SCB
Grammia phyllira	Williamson: Parker Branch Rd-town of Franklin	23-Sep-09		SCB

NOCTUIDAE

Palthis asopialis	Williamson: Parker Branch Rd-town of Franklin	27-Aug-09		SCB
Plusiodonta compressipalpis 1 recorded	Williamson: Parker Branch Rd-town of Franklin	27-Aug-09		SCB
Anticarsia gemmatalis 1 recorded	Williamson: Parker Branch Rd-town of Franklin	19-Sep-09		SCB
Catocala angusi not as many found as f. lucetta	Williamson: Parker Branch Rd-town of Franklin	29-Aug-09	24-Sep-09	SCB
Catocala angusi lucetta form most common	Williamson: Parker Branch Rd-town of Franklin	29-Aug-09	24-Sep-09	SCB
Catocala dejecta One only	Williamson: Parker Branch Rd-town of Franklin	09-Sep-09		SCB
Catocala flebilis late, usually most common in late June-July	Williamson: Parker Branch Rd-town of Franklin	29-Aug-09	18-Sep-09	SCB
Catocala ilia	Williamson: Parker Branch Rd-town of Franklin	22-Jul-09	21-Sep-09	SCB
Catocala maestosa	Williamson: Parker Branch Rd-town of Franklin	29-Aug-09	23-Sep-09	SCB
Catocala nebulosa	Williamson: Parker Branch Rd-town of Franklin	29-Aug-09	23-Sep-09	SCB
Catocala neogama only 2 adults seen same day all fall season	Williamson: Parker Branch Rd-town of Franklin	19-Sep-09		SCB
Catocala obscura very limited numbers this year, normally very common	Williamson: Parker Branch Rd-town of Franklin	11-Sep-09	23-Sep-09	SCB
Catocala palaeogama usually this species is present July forward, very limited	Williamson: Parker Branch Rd-town of Franklin	20-Sep-09	23-Sep-09	SCB
Catocala piatrix	Williamson: Parker Branch Rd-town of Franklin	30-Jul-09	23-Sep-09	SCB
Catocala residua	Williamson: Parker Branch Rd-town of Franklin	29-Aug-09	23-Sep-09	SCB
Catocala relecta	Williamson: Parker Branch Rd-town of Franklin	09-Aug-09	19-Sep-09	SCB
Catocala robinsoni	Williamson: Parker Branch Rd-town of Franklin	29-Aug-09	23-Sep-09	SCB
Catocala subnata	Williamson: Parker Branch Rd-town of Franklin	26-Jul-09	24-Sep-09	SCB
Catocala vidua	Williamson: Parker Branch Rd-town of Franklin	29-Aug-09	24-Sep-09	SCB
Ctenoplusia oxygramma 1 adult-Northern range	Williamson: Parker Branch Rd-town of Franklin	28-Aug-09		SCB
Basilodes pepita	Williamson: Parker Branch Rd-town of Franklin	27-Aug-09		SCB
Cirrhophanus triangulifer 1 recorded	Williamson: Parker Branch Rd-town of Franklin	28-Aug-09		SCB
Heliocheilus lupatus 1 recorded	Williamson: Parker Branch Rd-town of Franklin	24-Sep-09		SCB
Heliocheilus turbata 2 same date, no others seen	Williamson: Parker Branch Rd-town of Franklin	11-Sep-09		SCB
Schinia rivulosa	Williamson: Parker Branch Rd-town of Franklin	20-Aug-09	27-Aug-09	SCB

Schinia trifascia	Williamson: Parker Branch Rd-town of Franklin	18-Sep-09	SCB
Papaipema cerussata	Williamson: Parker Branch Rd-town of Franklin	20-Sep-09	SCB
Papaipema furcata	Williamson: Parker Branch Rd-town of Franklin	24-Sep-09	SCB
Papaipema nebris	Williamson: Parker Branch Rd-town of Franklin	18-Sep-09	SCB
Papaipema necopina	Williamson: Parker Branch Rd-town of Franklin	19-Sep-09	SCB
Feltia herilis	Williamson: Parker Branch Rd-town of Franklin	18-Sep-09 23-Sep-09	SCB

VIRGINIA

Butterflies

PAPILIONIDAE

Eurytides marcellus	Fairfax: Chantilly	14-Jun-09	PT1
Eurytides marcellus	Bath: Clifton Forge	19-Jul-09	PT1

PIERIDAE

Abaeis nicippe	Fauquier: 5 miles N of Markham	31-May-09 30-Aug-09	PT1
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NYMPHALIDAE

Libytheana carinenta	Fauquier: 5 miles N of Markham	04-Sep-09	PT1
Lethe anhedon	Fauquier: 5 miles N of Markham	27-Jun-09 30-Aug-09	PT1
Limnitis arthemis astyanax	Shenandoah: Big Schloss	06-Sep-09	PT1
Limnitis arthemis astyanax	Fairfax: Reston	03-Oct-09	PT1
Asterocampa celtis	Fauquier: 5 miles N of Markham	31-May-09 04-Sep-09	PT1
Asterocampa celtis	Shenandoah: Big Schloss	06-Sep-09	PT1
Asterocampa clyton	Fauquier: 5 miles N of Markham	27-Jun-09	PT1
Vanessa cardui	Montgomery: Craig Creek Hollow	12-Jul-09	PT1
Vanessa virginiensis	Montgomery: Craig Creek Hollow	12-Jul-09	PT1

Zone 10 Northeast

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

Coordinator: Mark J. Mello

Contributors Cited:

DA2 : Dave Amadio	FXB : Fred Bower	RC : Richard Cheicante
RD : Robert Dirig	KG : Karl R. Gardner	AG : Alex Grkovich
JTM : John T. MacRoy	MJM : Mark J. Mello	MAQ : Mike Quinn
RFR : Robert F. Ringler	JDS : John D. Schwartz	RHS : Richard H. Smith
SRS : Samuel R. Smith		

CONNECTICUT

Butterflies

PIERIDAE

Anthocharis midea	New Haven: Meriden; Hanging Hills	25-Apr-09	AG
South facing ridgetops, fewer seen than normal; w/ Matt Arey.			

DELAWARE

Butterflies

HESPERIIDAE

Pyrgus communis via RHS	KENT: Bombay Hook NWR	09-Aug-09	RC
Euphyes dion via RHS	NEW CASTLE: Chesapeake and Delaware Canal nr Reedy Point	01-Aug-09	DA2

PAPILIONIDAE

Papilio cressphontes STATE RECORD; leg. Allan Loudell	NEW CASTLE: Historic District, New Castle	08-Sep-08	RHS
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NYMPHALIDAE

Libytheana carinenta leg. Jim White	NEW CASTLE: White Clay Creek State Park	26-Aug-08	RHS
Aglais milberti leg. Jim White; 2nd record for New Castle County and the state of Delaware	New Castle: Burrows Run Preserve, Hockessin	28-Sep-09	RHS

MAINE

Butterflies

HESPERIIDAE

Thymelicus lineola fresh and worn adults	Aroostook: Crystal	01-Aug-09		RD
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PIERIDAE

Colias interior blueberry heath on exposed bedrock	Hancock: Mt Desert Island, Wonderland Trail	30-Jul-09		RD
Colias interior nectaring at Bog Goldenrod	Washington: Rogue Bluffs Bog	31-Jul-09		RD
Colias interior white female	Aroostook: Crystal	01-Aug-09		RD
Colias philodice Unusual northwestern phenotypes; needs more study.	Aroostook: Sherman Mills; Cow Tell Rd	08-Aug-09		AG

LYCAENIDAE

Lycaena epixanthe 2 worn females; palpating mouth of pitcher plant leaf and nectaring at Bog Goldenrod	Washington: Rogue Bluffs Bog	31-Jul-09		RD
Callophrys eryphon Leg. Matt Arey.	Oxford: Wilsons Mills; Pit Road	05-Jun-09		AG
Callophrys henrici Along fire road outside of bog; fresh male.	Piscataquis: Lake Millinocket Bog	15-May-09		AG
Callophrys lanoraieensis Along shrubby bog edges.	Piscataquis: Lake Millinocket Bog	15-May-09		AG
Callophrys lanoraieensis Leg. Matt Arey.	Piscataquis: Lake Millinocket Bog	25-May-09		AG
Callophrys niphon clarki	Piscataquis: Lake Millinocket Bog	15-May-09		AG
Callophrys polios obscura In open bog areas.	Piscataquis: Lake Millinocket Bog	15-May-09		AG
Plebejus idas empetri 1-2 slightly worn males; late date	Washington: Rogue Bluffs Bog	31-Jul-09		RD

NYMPHALIDAE

Lethe anthedon along shaded damp roadside	Aroostook: Crystal	01-Aug-09		RD
Oeneis jutta ascerta Open bog inhabitant; males and females.	Penobscot: Alton Bog	25-May-09		AG
Oeneis jutta ascerta Taiga forest inhabitant; differing behavior from open bog inhabitant. Leg. Matt Arey.	Oxford: Wilsons Mills	05-Jun-09	12-Jun-09	AG
Speyeria atlantis	Aroostook: Crystal	01-Aug-09		RD
Boloria eunomia dawsoni Single fresh male; smaller lighter phenotype; leg. Matt Arey.	Oxford: Wilsons Mills; Pit Road Bog	05-Jun-09		AG
Boloria eunomia dawsoni Leg. Matt Arey; typical dawsonii.	Oxford: Wilsons Mills; Dead Diamond Bog	12-Jun-09		AG
Boloria eunomia dawsoni Leg. Matt Arey; typical dawsonii.	Oxford: Wilsons Mills; Wilsons Mills Bog - Rt 16	12-Jun-09		AG
Boloria eunomia dawsoni Fresh males.	Somerset: Long Pond; Twelve Mile Bog	12-Jun-09		AG
Nymphalis antiopa Lintnerii phenotype, common; w/ Matt Arey	Aroostook: Sherman Mills; Cow Tell Rd	08-Aug-09		AG
Polygonia faunus fresh males puddling	Aroostook: Crystal	01-Aug-09		RD
Polygonia faunus Leg. Matt Arey; common	Oxford: Wilsons Mills; Parnachenee Road	18-Aug-09		AG
Polygonia progne fresh male puddling	Aroostook: Crystal	01-Aug-09		RD

MARYLAND

Butterflies

HESPERIIDAE

Pyrgus communis leg. Bill Hubik & Tom Field	SOMERSET: Vessey Orchard off Rehobeth Road	13-Sep-09		RHS
Panoquina ocola leg. Bill Hubik & Tom Field	SOMERSET: Irish Grove Sanctuary	13-Sep-09		RHS

PAPILIONIDAE

Eurytides marcellus	Anne Arundel: Crofton	02-May-09	11-Jun-09	JDS
Papilio glaucus unusual dark form female	Anne Arundel: Crofton	06-Sep-09		JDS

PIERIDAE

Pontia protodice via RHS	KENT: Sassafras Natural Resources Management Area	31-Jul-09		RC
Pontia protodice leg. Bill Hubik	CAROLINE: Ridgely Wastewater Treatment Plant, Ridgely	07-Sep-09		RHS

LYCAENIDAE

Atlides halesus Nectaring on Devil's Walkingstick (Aralia spinosa).; via RHS	KENT: Chesapeake Farms Agricultural and WMA, Chestertown	15-Aug-09		DA2
Callophrys gryneus via RHS	CARROL: Union Bridge	03-Jul-04	21-Jul-04	RFR

NYMPHALIDAE

Lethe anthedon leg. Clarence Sparks	ANNE ARUNDEL: Patuxent Research Refuge-North Tract	22-Jul-09		RHS
Agraulis vanillae leg. Randy Phoebus	PRINCE GEORGES: Upper Marlboro	08-Aug-08		RHS
Agraulis vanillae late date; one fresh individual nectaring on Dandelion	Prince Georges: Hyattsville, Anacostia Park bike trail	28-Nov-09		MJM
Limnitis archippus leg. Bill Hubik	WICOMICO: west side of Salisbury	05-Jul-08		RHS
Asterocampa celtis leg. Lance Biechele	SOMERSET: Princess Anne	22-Aug-08		RHS
Aglais milberti a startling sighting by Fred Paras, an experienced Lepidopterist	CARROLL: n. Finksburg, Patapsco area	20-Sep-08		RHS
Chlosyne nycteis Species is apparently moving south on Delmarva.; via RHS	KENT: Eastern Neck NWR	08-Jun-09		DA2

Moths**SATURNIIDAE**

Eacles imperialis	Anne Arundel: Crofton	02-Aug-09		JDS
Actias luna 2 broods	Anne Arundel: Crofton	22-Jun-09	02-Aug-09	JDS
Callosamia angulifera female; along highway	Anne Arundel: Crofton	21-Jun-09		JDS
Hyalophora cecropia	Anne Arundel: Crofton	02-Jul-09		JDS

SPHINGIDAE

Hemaris diffinis late instar larva	Anne Arundel: Crofton; Merkle Wildlife Refuge	14-Aug-09		JDS
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MASSACHUSETTS**Butterflies****HESPERIIDAE**

Poanes zabulon Leg. Matt Arey; 2 males indicating breeding colony.	Norfolk: Milton; Fowl Meadow WMA	23-Aug-09		AG
Euphyes dion	HAMPSHIRE: Florence	13-Jul-09		KG

PAPILIONIDAE

Papilio canadensis	Berkshire: Mt. Greylock summit	22-May-09		RD
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PIERIDAE

Pieris oleracea Abundant.	Berkshire: N. Lenox; Housatonic River	03-May-09		AG
Pieris virginienensis Common, behind pumphouse and along shaded creek.	Franklin: Sunderland; Reservoir Road	02-May-09		AG
Colias eurytheme	Essex: Newberryport; Martin Burns WMA	25-May-09		AG

LYCAENIDAE

Satyrrium favonius Leg. Matt Arey	Essex: N. Andover; Weir Hill	06-Jul-09		AG
Callophrys gryneus Leg. Matt Arey; common	Middlesex: Woburn; Horn Pond Mtn.	25-Apr-09		AG
Callophrys gryneus Leg. Matt Arey; common	Middlesex: Middlesex Fells	05-May-09		AG
Callophrys polios Leg. Matt Arey; abundant.	Plymouth: Carver; Myles Standish SF	29-Apr-09		AG

NYMPHALIDAE

Lethe appalachia	Hampshire: Amherst and Florence	13-Jul-09		KG
Vanessa cardui badly ripped	Berkshire: Mt. Greylock near summit	22-May-09		RD

Moths

GEOMETRIDAE

Macaria truncataria	Worcester: Ashburnham; Lincoln Pond bog	07-Jun-09		MJM
dozens over bog by day; also in light trap				
Thysanopyga intractata	Worcester: Ashburnham State Forest near Lincoln Pond bog	15-May-09	14-Aug-09	MJM
7 in light traps; far from usual hostplant, American Holly				
Scopula purata	Worcester: Douglas State Forest	17-Jun-09	22-Jul-09	MJM
3 dates; light traps in shrub swamps or bogs				

SPHINGIDAE

Hyles lineata	Worcester: Ashburnham; Mt. Watatic summit	27-Aug-09		MJM
1 in light trap				

NOTODONTIDAE

Notodonta simplaria	WORCESTER: Ashburnham; Rt. 119	07-Jun-09		MJM
1 in light trap				
Schizura apicalis	WORCESTER: Ashburnham; Mt. Watatic summit	28-Jul-09		MJM
1 in light trap				

NOCTUIDAE

Schranksia macula	NANTUCKET: Donut Bog	15-Sep-04		MJM
Macrochilo bivittata	Worcester: Ashburnham; Rt. 119	28-Jul-09		MJM
2 in light trap				
Syngnapha microgamma	WORCESTER: Ashburnham; Lincoln Pond bog	07-Jun-09		MJM
STATE RECORD				
Plusia venusta	Worcester: Ashburnham; Lincoln Pond bog	28-Jul-10		MJM

NEW HAMPSHIRE

Butterflies

HESPERIIDAE

Amblyscirtes hegon	Coos: Wentworth Location; Dead Diamond Road	12-Jun-09		AG
Leg. Matt Arey; different phenotype from S New England.				
Amblyscirtes hegon	Coos: Wentworth Location; Dead Diamond Road	25-Jun-09		AG
Amblyscirtes vialis	Coos: Wentworth Location; Dead Diamond Road	25-Jun-09		AG

PIERIDAE

Pieris oleracea	Coos: Wentworth Location; Dead Diamond Road	13-Jun-09		AG
Leg. Matt Arey; simialr phenotype to Europe.				
Colias interior	Coos: Mt. Washington; Cragway Spring	28-Jul-09		RD
nectaring at Alpine Goldenrod				
Colias philodice	Coos: Pittsburg; East Inlet Rd	16-Aug-09		AG
Unusual northwestern phenotypes; needs more study.				

LYCAENIDAE

Feniseca tarquinius novascotiae	Coos: Wentworth Location; Dead Diamond Road	13-Jun-09		AG
Leg Matt Arey				
Feniseca tarquinius novascotiae	Coos: Wentworth Location; Dead Diamond Road	25-Jun-09		AG
Common, near host.				

NYMPHALIDAE

Oeneis melissa semidea	Coos: Mt. Washington; Nelson Craig Trail, Chandler Ridge	28-Jul-09		RD
2 adults; late date				
Speyeria atlantis	Coos: Mt. Washington; Cragway Spring	28-Jul-09		RD
nectaring at Alpine Goldenrod and Three-toothed Cinquefoil				
Limnitis arthemis	Coos: Wentworth Location; Dead Diamond Road	25-Jun-09		AG
Common; one male resembling ssp. Rubrofasciata.				
Limnitis arthemis	Coos: Pittsburg; East Inlet Rd	16-Aug-09		AG
Late first brood worn specimens.				
Vanessa virginiensis	Coos: Mt. Washington; Cragway Spring	28-Jul-09		RD
nectaring at Alpine Goldenrod				
Nymphalis antiopa	Coos: Pittsburg; East Inlet Rd	16-Aug-09		AG
Hyperborea phenotype; common.				
Polygonia faunus	Coos: Pittsburg; East Inlet Rd	16-Aug-09	05-Sep-09	AG
Abundant.				
Polygonia faunus	Coos: Wentworth Location; Dead Diamond Road	18-Aug-09		AG
Leg. Matt Arey; common				
Polygonia gracilis	Coos: Pittsburg; East Inlet Rd	05-Sep-09		AG
Unusual fairly common, one seen near "Wolf House".				
Polygonia progne	Coos: Pittsburg; East Inlet Rd	16-Aug-09		AG
Rare this season.				
Phyciodes cocyta	Coos: Wentworth Location; Dead Diamond Road	25-Jun-09		AG
Phyciodes cocyta diminutor	Coos: Wentworth Location; Dead Diamond Road	25-Jun-09		AG

NEW JERSEY

Moths**CRAMBIDAE**

Glaphyria glaphyralis	Ocean: 2.5 mi NW Warren Grove	19-Jul-08	SRS
Parapoynx maculalis	Ocean: 2.5 mi NW Warren Grove	19-Jul-08	SRS

PYRALIDAE

Ufa rubedinella	Ocean: 3 mi S Warren Grove	18-Aug-07	SRS
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TORTRICIDAE

Croesia forskaleana 3 specimens	Sussex: Sparta	15-Jul-06	SRS
Sparganothis diluticostana identified by Michael Sabourin	Sussex: Sparta	15-Jul-06	SRS
Sparganothis umbrana identified by Michael Sabourin	Ocean: 1 mi. W Warren Grove	30-Jun-05	SRS

GEOMETRIDAE

Cleora projecta	Ocean: 3 mi S Warren Grove	08-May-09	SRS
Episemasia solitaria 2 specimens	Ocean: 3 mi S Warren Grove	22-May-09	SRS
Euchlaena madusaria	Ocean: 3 mi S Warren Grove	30-May-09	SRS
Petrophora divisata	Ocean: 3 mi S Warren Grove	26-Apr-09	SRS
Metarranthis pilosaria 4 specimens	Ocean: 3 mi S Warren Grove	30-May-09	19-Jun-09 SRS

NOTODONTIDAE

Heterocampa varia	Ocean: 3 mi S Warren Grove	30-May-09	SRS
Hyparpax aurora 3 specimens	Ocean: 3 mi S Warren Grove	22-May-09	SRS

NOCTUIDAE

Hyperstrotia flaviguttata	Ocean: 3 mi S Warren Grove	30-May-09	SRS
Acronicta brumosa	Ocean: 3 mi S Warren Grove	22-May-09	SRS
Acronicta lanceolaria 4 specimens	Ocean: 3 mi S Warren Grove	08-May-09	22-May-09 SRS
Merolonche dolli 2 specimens	Ocean: 3 mi S Warren Grove	26-Apr-09	SRS
Pyrrhia umbra	Ocean: 3 mi S Warren Grove	22-May-09	SRS
Condica confederata 2 specimens	Ocean: 3 mi S Warren Grove	03-Oct-09	SRS
Lithophane adipel	Ocean: 3 mi S Warren Grove	26-Apr-09	SRS
Morrisonia mucens 6 specimens	Ocean: 3 mi S Warren Grove	22-May-09	SRS
Feltia manifesta	Ocean: 3 mi S Warren Grove	08-May-09	SRS
Agrotis buchholzi 10 specimens	Ocean: 3 mi S Warren Grove	30-May-09	SRS
Choephora fungorum	Ocean: 3 mi S Warren Grove	03-Oct-09	SRS

NEW YORK

Butterflies**HESPERIIDAE**

Erynnis baptisiae larva found on Lupinus perennis	Saratoga: Wilton Wildlife Preserve & Park	07-Jul-09	RD
Pyrgus communis 1 female (only one seen in 2009)	Tompkins: Ithaca	18-Aug-09	RD
Amblyscirtes hegon very fresh male puddling at wet sand	Sullivan: Callicoon; edge of Delaware River	25-May-09	RD
Hesperia metea slightly worn adults	Saratoga: Woods Hollow Nature Preserve S of saratoga Springs	23-May-09	RD
Atrytonopsis hianna fresh	Saratoga: Woods Hollow Nature Preserve S of saratoga Springs	23-May-09	RD

PAPILIONIDAE

Papilio cressphontes puddling on wet marl; from SD	Genesee: Bergen Swamp	21-May-09	RD
Papilio cressphontes multiple sightings, including nectaring on Echinacea and Hollyhocks; from SF, RLY, & KE	Tompkins: Ithaca and Lansing	24-May-09	20-Aug-09 RD
Papilio cressphontes multiple sightings, including nectaring on Phlox paniculata; from SMC	Ulster: Great Vly WMA and northern Saugerties Township	31-May-09	10-Sep-09 RD

Papilio cressphontes first brood larva on Zanthoxylum americanum; from JD & JZ	Ontario: Victor, Auburn Trail near Railroad Mills	09-Jul-09		RD
Papilio cressphontes larvae on Zanthoxylum americanum; from SMC	Ulster: NE corner along Hudson River & Saugerties Township	10-Aug-09	20-Sep-09	RD
Papilio cressphontes from RLI	Onondaga: Clay, Great Northern Mall	12-Aug-09		RD
Papilio cressphontes from YM	Cayuga: Montezuma National Wildlife Refuge	17-Aug-09		RD
Papilio cressphontes from CW	Broome: Vestal	22-Aug-09	24-Aug-09	RD
Papilio cressphontes from SDL	Monroe: Powder Mills Prk	24-Aug-09		RD
Papilio cressphontes from KE	Ontario: Geneva, Hobart & William Smith Colleges	25-Aug-09		RD
Papilio cressphontes nectaring at garden phlox and zinnia; from CW	Tioga: Apalachin	30-Aug-09	08-Sep-09	RD
Papilio cressphontes larvae on Zanthoxylum americanum	Tompkins: near Freeville	30-Aug-09	03-Oct-09	RD
PIERIDAE				
Pieris virginianensis very early fresh small male	Tompkins: McLean Bogs Preserve	17-Apr-09		RD
Colias philodice early record	Tompkins: Ithaca	29-Apr-09		RD
Colias philodice both sexes; late date; nectaring on dandelion	Niagara: Lockport	18-Nov-09		FXB
LYCAENIDAE				
Feniseca tarquinius	Cattaraugus: Olean, Kamerry Rd.	06-Jun-09		JTM
Lycaena epixanthe fresh males	Tompkins: McLean Bogs Preserve	21-Jun-09		RD
Lycaena hyllus females	Schuyler: Rock Cabin Road near Montour Falls	27-Jun-09	08-Oct-09	RD
Callophrys irus worn	Albany: Albany Pinr Bush	24-May-09		RD
Callophrys nippon	Cattaraugus: Olean, Kamerry Rd.	06-Jun-09		JTM
Erora laeta fresh female resting on herbs in roadside ditch	Tompkins: Shindagin Hollow	08-May-09		RD
Celastrina neglecta late date	Tompkins: Ithaca	04-Sep-09	23-Sep-09	RD
Plebejus melissa samuelis larvae on Lupinus perennis with attending ants as well as fresh adults	Saratoga: Woods Hollow Nature Preserve	07-Jul-09		RD
NYMPHALIDAE				
Danaus plexippus poor year, only 6 migrants seen during this period	Tompkins: Ithaca area	01-Sep-09	06-Oct-09	RD
Lethe eurydice worn female	Niagara: Lockport; Neden Lane	22-Jul-09		FXB
Coenonympha tullia	Niagara: Lockport; W. Jackson St.	02-Jun-09		FXB
Coenonympha tullia	Delaware: French Woods	07-Sep-09		RD
Speyeria cybele ragged female	Delaware: French Woods	07-Sep-09		RD
Vanessa cardui worn	Tompkins: MacDaniel meadow Preserve	30-Aug-09		RD
Polygonia comma	Tompkins: near Freeville	28-Mar-09		RD
Euphydryas phaeton nectaring on coneflower	Cattaraugus: Olean, Kamerry Rd.	30-Jul-09		JTM
Moths				
GEOMETRIDAE				
Biston betularia	Niagara: Lockport; Plazea sidewalk	07-Aug-09		FXB
SATURNIIDAE				
Hemileuca maia 1st instar larvae on May date; larvae search for pupation site on latter date as well as on 27 July	Albany: Albany Pine Bush	24-May-09	05-Aug-09	RD
Callosamia promethea cocoon on Spicebush	Niagara: Lockport; Dolan Park Swamp	18-Dec-09		FXB

PENNSYLVANIA

Butterflies

HESPERIIDAE

Epgaryreus clarus	Berks: Birdsboro	12-Sep-09		KG
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PIERIDAE

Abaeis nicippe	Berks: Fleetwood	17-Aug-09	26-Aug-09	KG
oviposits on Senna hebecarpa and Senna marilandica				

LYCAENIDAE

Calophrys augustinus	Berks: Reading	25-Apr-09		KG
Calycopis cecrops	Berks: Fleetwood	02-Sep-09	03-Sep-09	KG
Celastrina neglectamajor	Berks: Tipton	22-May-09		KG

NYMPHALIDAE

Megisto cymela	Berks: Tipton	22-May-09		KG
Megisto cymela	Berks: Fleetwood	02-Jun-09	17-Jul-09	KG
Polygonia progne	Schuylkill: St. Clair	18-Apr-09		KG
Euphydryas phaeton	Berks: Oley	22-Jun-09	26-Jun-09	KG
larva found 13 May feeding on Lonicera morrowi and reared to adult on same				

Moths**HEPIALIDAE**

Korscheltellus gracilis	Lackawanna: 3 mi E of Archbald	01-Aug-09		SRS
More than 10 specimens seen				

ADELIDAE

Adela ridingsella	Dauphin: 5 mi E on Stony Creek Rd., Dauphin	03-Jun-06		SRS
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MOMPHIDAE

Mompha eloisella	Dauphin: Middletown	07-Jun-08		SRS
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CRAMBIDAE

Epina alleni	Lackawanna: 3 mi E of Archbald	27-Jun-09		SRS
Palpita gracilalis	Chester: 1.2 mi SW of Nottingham	05-Aug-05		SRS
Paraponyx obscuralis	Lancaster: New Texas	11-Aug-07		SRS
Pyrausta demantrialis	Dauphin: 5 mi E on Stony Creek Rd., Dauphin	25-Aug-06		SRS
Pyrausta subsequalis	Dauphin: Linglestown	22-Apr-08		SRS

PYRALIDAE

Meroptera pravella	Lackawanna: 3 mi E of Archbald	27-Jun-09		SRS
Dioryctria clarioralis	Huntingdon: Huntingdon, Ripka's Cottages	03-Jul-08		SRS

LIMACODIDAE

Adoneta spinuloides	Berks: Fleetwood	08-Sep-09		KG
larva found and fed on Quercus velutina				

TORTRICIDAE

Olethreutes betulana	Lackawanna: 3 mi E of Archbald	01-Aug-09		SRS
Olethreutes merrickanum	Lackawanna: 3 mi E of Archbald	10-Jul-09		SRS
Olethreutes sericorandum	Lackawanna: 3 mi E of Archbald	01-Aug-09		SRS
Olethreutes tilianum	Centre: Huntingdon, Ripka's Cottages	04-Jul-09		SRS
Olethreutes zelleriana	Lackawanna: 3 mi E of Archbald	01-Aug-09		SRS
more than 10 specimens seen				
Hedya chionosema	Sullivan: 6.2 mi N of Red Rock	26-Jun-09		SRS
Ancyliis platanana	Dauphin: 5 mi E on Stony Creek Rd., Dauphin	12-May-06		SRS
Acleris nigrolinea	Dauphin: 5 mi E on Stony Creek Rd., Dauphin	24-Aug-05		SRS
Acleris robinsoniana	Dauphin: Linglestown	12-May-06		SRS
Cnephasia stephensiqua	Lackawanna: 3 mi E of Archbald	10-Jul-09		SRS
Archips purpurana	Lackawanna: 3 mi E of Archbald	18-Jul-09		SRS
dark form				
Sparganothis albicaudana	Centre: 4 mi W of State College	23-Jul-05		SRS
Sparganothis lycopodiana	Sullivan: 6.2 mi N of Red Rock	15-Aug-09		SRS

GEOMETRIDAE

Idaea obfusaria	Huntingdon: Huntingdon, Ripka's Cottages	03-Jul-09		SRS
Leptostales rubromarginaria	Huntingdon: 3.7 mi SSW Pine Grove Mills	16-Jul-09		SRS

THYATIRIDAE

Habrosyne gloriosa	Huntingdon: 1mi SSE Jackson Corner	30-Jul-09		SRS
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SPHINGIDAE

Lintneria eremitus	Huntingdon: 1mi SSE Jackson Corner	30-Jul-09		SRS
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NOCTUIDAE

Lomanaltes eductalis	Huntingdon: 3.7 mi SSW Pine Grove Mills	06-Aug-09		SRS
Nigetia formosalis	Dauphin: 5 mi E on Stony Creek Rd., Dauphin	03-Jun-06		SRS
Catocala concumbens	Sullivan: 6.2 mi N of Red Rock	18-Sep-09		SRS
Abrostola ovalis	Dauphin: 5 mi E on Stony Creek Rd., Dauphin	15-Jul-04		SRS
2 specimens				
Syngnapha octoscripta	Lackawanna: 3 mi E of Archbald	01-Aug-09		SRS
Acronicta americana	Berks: Fleetwood	02-Sep-09	22-Sep-09	KG
larvae found and fed on Cercis canadensis, Acer rubrum and Quercus velutina				

Catabena lineolata	Huntingdon: 6.2 mi N of Red Rock	16-Jul-09	SRS
Sympistis dentata 2 specimens	Lackawanna: 3 mi E of Archbald	10-Jul-09	SRS
Calophasia lunula	Huntingdon: 3.7 mi SSW Pine Grove Mills	05-Jul-07	SRS
Calophasia lunula	Sullivan: 6.2 mi N of Red Rock	30-May-08	SRS
Plagiomimicus pityochromus	Huntingdon: 1mi SSE Jackson Corner	06-Sep-09	SRS
Callopietria floridensis	Dauphin: Middletown	23-Sep-07	SRS
Caradrina multiferla	Huntingdon: 1mi SSE Jackson Corner	15-Sep-09	SRS
Enargia infumata 5 specimens	Lackawanna: 3 mi E of Archbald	01-Aug-09 14-Aug-09	SRS
Apamea helva	Potter: Austin	21-Aug-09	SRS
Apamea helva	Huntingdon: 1mi SSE Jackson Corner	06-Sep-09	SRS
Meropoleon diversicolor	Sullivan: 6.2 mi N of Red Rock	18-Sep-09	SRS
Papaipema cerussata	Huntingdon: 1mi SSE Jackson Corner	22-Oct-09	SRS
Papaipema duplicatus 2 specimens	Lanc/Leb Co. line: 4.5 mi SE Cornwall	29-Sep-09	SRS
Papaipema nebris	Potter: Austin	21-Aug-09	SRS
Papaipema nebris	Huntingdon: 1mi SSE Jackson Corner	15-Sep-09	SRS
Papaipema rigida 4 specimens	Huntingdon: 3.7 mi SSW Pine Grove Mills	24-Aug-09 15-Sep-09	SRS
Papaipema sulphurata	Sullivan: 6.2 mi N of Red Rock	18-Sep-09	SRS
Achatodes zea	Huntingdon: 1mi SSE Jackson Corner	30-Jul-09	SRS
Achatodes zea	Sullivan: 6.2 mi N of Red Rock	15-Aug-09	SRS
Lithophane tepida	Sullivan: 6.2 mi N of Red Rock	18-Sep-09	SRS
Lithophane viridipallens identified by Dale Schweitzer	Dauphin: Linglestown	31-Mar-06	SRS
Pyreferra pettiti 4 specimens	Dauphin: Linglestown	17-Apr-08 01-May-08	SRS
Sideridis congermana	Huntingdon: 3.7 mi SSW Pine Grove Mills	08-Aug-07	SRS
Melanchra assimilis	Lackawanna: 3 mi E of Archbald	10-Jul-09	SRS
Mythimna oxygala	Sullivan: 6.2 mi N of Red Rock	18-Sep-09	SRS
Protorthodes oviduca	Lackawanna: 3 mi E of Archbald	27-Jun-09	SRS
Euxoa velleripennis	Potter: Austin	21-Aug-09	SRS
Euxoa velleripennis	Huntingdon: 3.7 mi SSW Pine Grove Mills	24-Aug-09	SRS

RHODE ISLAND

Moths

NOCTUIDAE

Ascalapha odorata female, photo; data from website < www.texasento.net/witchna.htm >	PROVIDENCE: Woonsocket	25-Jul-04	MAQ
Ascalapha odorata leg. Sylvia Petrie	WASHINGTON: Peace Dale	07-Oct-09	MJM

Zone 11 Mexico

Mexico & the Caribbean Islands

Coordinator: Isabel Vargas Fernandez

Contributors Cited:

QSP : O. Quiterio, N. Suarez & C. Pozo

General Comments:

Olivia Trujillo-Quiterio, Noemí Salas-Suárez, and Carmen Pozo (QSP) reported butterflies species from Laguna Guerrero, Othón P. Blanco, Quintana Roo, México, with extreme coordinates N 18°41'4.029" W 88°16'0.00" in the Reserve "Santuario del Manatí", Chetumal Bay. We found a total of 37 species, distributed across September, and October in 2009. To date, a total 1 Papilionidae, 7 Pieridae, 24 Nymphalidae, 3 Lycaenidae, 1 Riodinidae and 1 Hesperidae.

QUINTANA ROO

Butterflies

HESPERIIDAE

Heliopetes arsalte N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	13-Sep-09	QSP
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PAPILIONIDAE

Papilio thoas autocles N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	13-Sep-09	QSP
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PIERIDAE

Anteos clorinde N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	13-Sep-09		QSP
Anteos maerula N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	13-Sep-09	27-Sep-09	QSP
Phoebis agarithe N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	13-Sep-09	27-Sep-09	QSP
Phoebis agarithe N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	04-Oct-09		QSP
Phoebis argante N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	01-Oct-09		QSP
Phoebis philea N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	13-Sep-09		QSP
Phoebis sennae marcellina N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	13-Sep-09		QSP
Pyrisitia nise nelphe N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	13-Sep-09		QSP

LYCAENIDAE

Arawacus sito N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	04-Oct-09		QSP
Calycopis isobea N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	04-Oct-09		QSP
Cupido comyntas N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	13-Sep-09		QSP

RIODINIDAE

Thisbe irenea belides N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	13-Sep-09		QSP
Thisbe irenea belides N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	04-Oct-09	11-Oct-09	QSP

NYMPHALIDAE

Danaus gilippus thersippus N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	13-Sep-09	27-Sep-09	QSP
Anaea aidea N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	13-Sep-09		QSP
Memphis forreri N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	13-Sep-09		QSP
Memphis pithyusa N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	13-Sep-09		QSP
Memphis pithyusa N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	04-Oct-09	11-Oct-09	QSP
Archaeoprepona demophon centralis N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	04-Oct-09	11-Oct-09	QSP
Opsiphanes cassina fabricii N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	13-Sep-09		QSP
Agraulis vanillae incarnata N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	11-Oct-09		QSP
Dryas iulia moderata N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	13-Sep-09		QSP
Heliconius charithonia vazquezae N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	13-Sep-09		QSP
Adelpha iphiclus iphicleola N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	13-Sep-09		QSP
Adelpha iphiclus iphicleola N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	04-Oct-09	11-Oct-09	QSP
Mestra amymone N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	04-Oct-09	11-Oct-09	QSP
Eunica monima N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	04-Oct-09	11-Oct-09	QSP
Eunica tatila N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	27-Sep-09		QSP
Eunica tatila N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	04-Oct-09	11-Oct-09	QSP
Hamadryas februa ferentina N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	13-Sep-09	27-Sep-09	QSP
Hamadryas februa ferentina N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	04-Oct-09	11-Oct-09	QSP
Hamadryas guatemalena N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	13-Sep-09		QSP

Hamadryas guatemalena N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	11-Oct-09	QSP
Hamadryas julitta N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	13-Sep-09	QSP
Hamadryas julitta N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	04-Oct-09	11-Oct-09 QSP
Dynamine postverta mexicana N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	13-Sep-09	QSP
Dynamine postverta mexicana N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	04-Oct-09	QSP
Historis acheronta N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	13-Sep-09	QSP
Anartia jatrophae luteipicta N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	13-Sep-09	27-Sep-09 QSP
Anartia jatrophae luteipicta N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	11-Oct-09	QSP
Siproeta stelenes biplagiata N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	27-Sep-09	QSP
Chlosyne theona N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	04-Oct-09	QSP
Cissia pompilia N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	13-Sep-09	QSP
Cissia pseudoconfusa N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	13-Sep-09	QSP
Cissia similis N 18°41'4.029" W 88°16'0.00"	QUINTANA ROO: Santuario del Manatí, Chetumal Bay, Lag. Guerrer	13-Sep-09	QSP

Abbreviation

bl =black (ultraviolet) light	Co =County	CP =County Park
cpgd =campground	CR =County Road	crk =creek
FGA =Fish & Game Area	FR =Forest Road	jct =junction of roadways
km =kilometers	leg =collected by	mi =miles
mm =mile marker	mtn(s) =mountain(s)	NF =National Forest
NG =National Grassland	NM =National Monument	NP =National Park
nr =near	NWR =National Wildlife Refuge	PA =picnic area
PF =Provincial Forest	PP =Provincial Park	SF =State Forest
SGA =State Game Area	SHP =State Historical Park	SNA =State Natural Area
SP =State Park	SR =State Road	SRA =State Recreation Area
SWA =State Wildlife Area	trl =trail	Twp =Township
uv =ultraviolet light	vic =vicinity	WA =Wildlife Area
WMA =Wildlife Management Area	WPA =Waterfowl Production 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

Jim Tuttle

57 Inkerman St., St Kilda 3182, Victoria Australia
jtuttle164@hotmail.com

Zone 1, The Far North:

Alaska, Northwest Territories, Nunavut, Yukon Territory

Kenelm W. Philip
Institute of Arctic Biology
University of Alaska
P.O. Box 75700
Fairbanks, AK 99775-7000
(907) 479-2689
kwp.uaf@gamil.com

Zone 2, The Pacific Northwest:

British Columbia, Idaho, Oregon, Washington

Jon H. Shepard
R.R. #2, S.22, C.44
Nelson, BC, V1L 5P5 Canada
(250) 352-3028
shep.lep@netidea.com

Zone 3, Hawaii and the Southwest:

Arizona, California, Hawaii, Nevada

Ken Davenport
8417 Rosewood Avenue
Bakersfield, CA 93306
(661)366-3074 (home)
flutterflies93306@att.net

Zone 4, The Rocky Mtns:

Alberta, Colorado, Montana, New Mexico, Utah, Wyoming

Chuck Harp
8834 W. Quarto Ave.
Littleton, CO 80128-4269
(720) 981-5946
cehmoth@aol.com

Zone 5, The Great Plains:

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

Ronald Alan Royer
Division of Science, Minot State University, Minot, ND 58707-0001
Office (701) 858-3209
FAX (701) 839-6933
ron.royer@minotstateu.edu

Zone 6, Texas:

Texas

Charles Bordelon
Texas Lepidoptera Survey
8517 Burkhardt Road,
Houston, TX 77055
(713) 822-8731 (cell)
texaslepsurvey@sbcglobal.net

Zone 7, Ontario, Quebec

Jeff Crolla
413 Jones Ave.
Toronto, Ontario, Canada
M4J 3G5
(416) 778-4162
jeff@primus.ca

Zone 8, The Midwest:

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

Leslie A. Ferge
7119 Hubbard Avenue
Middleton, Wisconsin, 53562-3231
(608) 836-9438
lesferge@gmail.com

Zone 9, The Southeast:

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

Brian G. Scholtens
Biology Department,
College of Charleston,
Charleston SC 29424-0011,
(803) 856-0186
scholtensb@cofc.edu

Zone 10, The Northeast:

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

Mark J. Mello
c/o Lloyd Center,
430 Potomska Rd.,
Dartmouth, MA 02748
m.rogovsky@comcast.net

Zone 11, Mexico & the Caribbean:

Isabel Vargas Fernandez
Museo de Zoologia
Facultad de Ciencias
Univ. Nacional Autonoma,
Mexico, Apartado Postal 70-399
Mexico 04510 D.F.
ivf@hp.fciencias.unam.mx





Dione moneta taken by D. Clark at Glenn Heights, Dallas Co., TX, May 29, 2009.



Phyciodes pallescens female, collected by James McDermott at Madero, Hidalgo Co., TX, November 3, 2009.



Callophrys augustinus in Florida: 1) Adult male, March 17, 2009, Blackwater River S. F., Okaloosa County. 2) Larva, April 4, 2009. 3) Adult male, March 21, 2009, Apalachicola N. F., Liberty County. Photos 1 and 2 by Mary Ann Freidman; 3 photo by Jeffrey R. Slotten.



Gonodonta nitidimacula, dorsal and ventral, taken at bait trap on the morning of October 29, 2009 by Charles Bordelon in Mission, Hidalgo Co., TX, new to the USA. *G. bidens* taken by C. Bordelon and Ed Knudson at bait trap on October 19, 2009 at Mission, Hidalgo Co., TX.

2009 Season Summary
