



NEWS

OF THE

LEPIDOPTERISTS' SOCIETY



2013 Season Summary

Index

NEWS OF THE LEPIDOPTERISTS' SOCIETY

Volume 56, Supplement S1

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Front Cover:

First Alaska record for *Catocala semirelictica* (Photo by Ken Philip, see pg. 8)

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 2013

Zone 1 Far North

Alaska, Yukon, Nunavut, and Northwest Territories

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General Comments:

Note regarding the Alaska Lepidoptera Survey: No remote-site field trips by KWP. As usual, the Bonanza Creek Experimental Forest, and the Chena Flood Control Project, were checked regularly throughout the summer when weather permitted, and the Steese Highway was occasionally checked. Collecting by ALS volunteers was continued at the mining community at Nyac (near Bethel), and at King Salmon.

NORTHWEST TERRITORIES

Butterflies

HESPERIIDAE

<i>Erynnis persius borealis</i>	Mackenzie R valley: Dempster Highway at Rengling River	05-Jul-13	MLL
<i>Erynnis persius borealis</i>	Mackenzie R valley: Dempster Highway at Mackenzie River	06-Jul-13	MLL

PAPILIONIDAE

<i>Papilio canadensis</i>	Mackenzie R valley: Dempster Highway 74 km S Inuvik	05-Jul-13	MLL
<i>Papilio canadensis</i>	Mackenzie R valley: Dempster Highway at Mackenzie River	06-Jul-13	MLL
<i>Papilio machaon aliaska</i>	Tsiigehtchic Rv Vly: Dempster Highway 3 km W Frog Creek	06-Jul-13	MLL

PIERIDAE

<i>Colias palaeno chippewa</i>	Mackenzie R valley: Dempster Highway 70 km S Inuvik	05-Jul-13	MLL
<i>Colias palaeno chippewa</i>	Mackenzie R valley: Ice Road 8 km N Inuvik	05-Jul-13	MLL
<i>Colias palaeno chippewa</i>	Peel River valley: Dempster Highway km 40	06-Jul-13	MLL

LYCAENIDAE

<i>Cupido amyntula</i>	Mackenzie R valley: Dempster Highway 74 km S Inuvik	05-Jul-13	MLL
<i>Cupido amyntula</i>	Mackenzie R valley: Dempster Highway at Rengling River	05-Jul-13	MLL
<i>Glaucopsyche lygdamus couperi</i>	Mackenzie R valley: Dempster Highway at Rengling River	05-Jul-13	MLL
<i>Glaucopsyche lygdamus couperi</i>	Mackenzie R valley: Ice Road 8 km N Inuvik	05-Jul-13	MLL
<i>Plebejus idas alaskensis</i>	Mackenzie R valley: Dempster Highway at Rengling River	05-Jul-13	MLL
<i>Plebejus idas alaskensis</i>	Tsiigehtchic Rv Vly: Dempster Highway 3 km W Frog Creek	06-Jul-13	MLL
<i>Plebejus optilete yukona</i>	Mackenzie R valley: Dempster Highway 80 km S Inuvik	05-Jul-13	MLL
<i>Plebejus optilete yukona</i>	Mackenzie R valley: Dempster Highway 74 km S Inuvik	05-Jul-13	MLL
<i>Plebejus saepiolus amica</i>	Mackenzie R valley: Dempster Highway at Rengling River	05-Jul-13	MLL
<i>Plebejus saepiolus amica</i>	Mackenzie R valley: Dempster Highway 74 km S Inuvik	05-Jul-13	MLL

NYMPHALIDAE

<i>Coenonympha tullia yukonensis</i>	Tsiigehtchic Rv Vly: Dempster Highway 3 km W Frog Creek	06-Jul-13	MLL
<i>Coenonympha tullia yukonensis</i>	Peel River valley: Dempster Highway km 40	06-Jul-13	MLL
<i>Erebia lafontainei</i>	Richardson Mts.: Dempster Highway km 6	06-Jul-13	MLL
<i>Oeneis jutta alaskensis</i>	Mackenzie R valley: Dempster Highway 74 km S Inuvik	05-Jul-13	MLL
<i>Boloria chariclea grandis</i>	Mackenzie R valley: Dempster Highway 74 km S Inuvik	05-Jul-13	MLL
<i>Boloria chariclea grandis</i>	Mackenzie R valley: Ice Road 8 km N Inuvik	05-Jul-13	MLL
<i>Boloria eunomia dawsoni</i>	Mackenzie R valley: Dempster Highway 74 km S Inuvik	05-Jul-13	MLL
<i>Boloria eunomia denali</i>	Peel River valley: Dempster Highway km 40	06-Jul-13	MLL
<i>Boloria frigga saga</i>	Mackenzie R valley: Dempster Highway 70 km S Inuvik	05-Jul-13	MLL
<i>Boloria frigga saga</i>	Mackenzie R valley: Dempster Highway 80 km S Inuvik	05-Jul-13	MLL
<i>Boloria frigga saga</i>	Tsiigehtchic Rv Vly: Dempster Highway 3 km W Frog Creek	06-Jul-13	MLL
<i>Boloria improba</i>	Peel River valley: Dempster Highway km 40	06-Jul-13	MLL
<i>Boloria polaris</i>	Mackenzie R valley: Dempster Highway 74 km S Inuvik	05-Jul-13	MLL
<i>Limnitis arthemis rubrofasciata</i>	Mackenzie R valley: Dempster Highway at Rengling River	05-Jul-13	MLL
<i>Limnitis arthemis rubrofasciata</i>	Mackenzie R valley: Dempster Highway 74 km S Inuvik	05-Jul-13	MLL
<i>Limnitis arthemis rubrofasciata</i>	Mackenzie R valley: Dempster Highway 70 km S Inuvik	05-Jul-13	MLL

<i>Nymphalis antiopa</i>	Mackenzie R valley: Dempster Highway at Rengling River	05-Jul-13	MLL
<i>Polygonia faunus arcticus</i>	Mackenzie R valley: Dempster Highway at Rengling River	05-Jul-13	MLL
<i>Phyciodes pulchella tutchone</i>	Mackenzie R valley: Dempster Highway at Rengling River	05-Jul-13	MLL
<i>Phyciodes pulchella tutchone</i>	Mackenzie R valley: Dempster Highway at Mackenzie River	06-Jul-13	MLL

YUKON TERRITORY

Butterflies

HESPERIIDAE

<i>Erynnis persius fredericki</i>	L. Laberge vic.: Klondike Highway 2 miles N Fox Lake	29-Jun-13	MLL
<i>Erynnis persius fredericki</i>	Yukon R. valley: Klondike Highway at Tachun River	29-Jun-13	MLL
<i>Erynnis persius fredericki</i>	Stewart R. valley: Klondike Highway 1 mile S Moose Creek	29-Jun-13	MLL
<i>Pyrgus centaureae freija</i>	S Ogilvie Mts.: Dempster Highway N of Distincta Peak	30-Jun-13	MLL
<i>Pyrgus centaureae freija</i>	S Ogilvie Mts.: Dempster Highway at Engineer Creek	01-Jul-13	MLL
<i>Hesperia comma manitoba</i>	S Ogilvie Mts.: Dempster Highway at Engineer Creek	30-Jun-13	01-Jul-13 MLL
<i>Hesperia comma manitoba</i>	W of Richardson Mts: Foothills E of Dempster Hwy km412.5 W of Mt	07-Jul-13	MLL
<i>Hesperia comma manitoba</i>	S Ogilvie Mts.: Dempster Highway E of Distincta Peak	11-Jul-13	MLL
<i>Hesperia comma manitoba</i>	Lake Bennet vic.: Montana Mountain	13-Jul-13	14-Jul-13 MLL

PAPILIONIDAE

<i>Papilio canadensis</i>	Tintina Trench: Klondike Highway 2 miles S Gravel Lake	29-Jun-13	MLL
<i>Papilio canadensis</i>	Yukon R. valley: Klondike Highway at Tachun River	29-Jun-13	MLL
<i>Papilio canadensis</i>	W of Richardson Mts: Dempster Highway at White Fox Creek	06-Jul-13	MLL
<i>Papilio machaon aliaska</i>	S Ogilvie Mts.: Dempster Highway E of Distincta Peak	30-Jun-13	MLL
<i>Papilio machaon aliaska</i>	Eagle Plains: Dempster Highway N Scriver Creek	01-Jul-13	MLL
<i>Papilio machaon aliaska</i>	Eagle Plains: Dempster Highway W Scriver Creek	01-Jul-13	MLL
<i>Papilio machaon aliaska</i>	Lake Bennet vic.: Montana Mountain	13-Jul-13	14-Jul-13 MLL

PIERIDAE

<i>Pontia occidentalis nelsoni</i>	Eagle Plains: Dempster Highway N Scriver Creek	01-Jul-13	MLL
<i>Pontia occidentalis nelsoni</i>	S Ogilvie Mts.: Dempster Highway E of Distincta Peak	11-Jul-13	MLL
<i>Pontia occidentalis nelsoni</i>	Lake Bennet vic.: Montana Mountain	13-Jul-13	14-Jul-13 MLL
<i>Pieris angelika</i>	S Ogilvie Mts.: Dempster Highway E of Distincta Peak	30-Jun-13	MLL
<i>Pieris angelika</i>	S Ogilvie Mts.: Dempster Highway N of Distincta Peak	30-Jun-13	MLL
<i>Pieris angelika</i>	S Ogilvie Mts.: Dempster Highway at Engineer Creek	01-Jul-13	MLL
<i>Euchloe creusa</i>	S Ogilvie Mts.: Dempster Highway E of Distincta Peak	30-Jun-13	MLL
<i>Colias canadensis</i>	L. Laberge vic.: Klondike Highway at Coal Creek	29-Jun-13	MLL
<i>Colias gigantea inupiat</i>	S Ogilvie Mts.: Dempster Highway at Engineer Creek	01-Jul-13	MLL
<i>Colias gigantea inupiat</i>	Richardson Mts.: Wright Pass	06-Jul-13	MLL
<i>Colias hecla</i>	W of Richardson Mts: Dempster Highway 3 km S White Fox Creek	06-Jul-13	MLL
<i>Colias hecla</i>	Richardson Mts.: Wright Pass	06-Jul-13	MLL
<i>Colias hecla</i>	W of Richardson Mts: Foothills E of Dempster Hwy km412.5 W of Mt	07-Jul-13	MLL
<i>Colias hecla</i>	Lake Bennet vic.: Montana Mountain	13-Jul-13	14-Jul-13 MLL
<i>Colias nastes aliaska</i>	Lake Bennet vic.: Montana Mountain	13-Jul-13	14-Jul-13 MLL
<i>Colias palaeno chippewa</i>	S Ogilvie Mts.: Dempster Highway N of Distincta Peak	30-Jun-13	MLL
<i>Colias palaeno chippewa</i>	Eagle Plains: Dempster Highway 2 miles N Ehnjuu Choo Creek	01-Jul-13	MLL
<i>Colias palaeno chippewa</i>	Ogilvie R. valley: Dempster Highway at Red Creek	11-Jul-13	MLL
<i>Colias palaeno chippewa</i>	Lake Bennet vic.: Montana Mountain	13-Jul-13	14-Jul-13 MLL
<i>Colias philodice vitabunda</i>	Yukon R. valley: Klondike Highway at Tachun River	29-Jun-13	MLL
<i>Colias philodice vitabunda</i>	Eagle Plains: Dempster Highway 6 miles S Aitch Hill	01-Jul-13	MLL
<i>Colias philodice vitabunda</i>	S Ogilvie Mts.: Dempster Highway at Engineer Creek	01-Jul-13	MLL
<i>Colias philodice vitabunda</i>	Ogilvie R. valley: Dempster Highway at Red Creek	11-Jul-13	MLL
<i>Colias philodice vitabunda</i>	Klondike R. valley: North Fork Road 3 km E of Dempster Highway	12-Jul-13	MLL
<i>Colias philodice vitabunda</i>	Lake Bennet vic.: Montana Mountain	14-Jul-13	MLL
<i>Colias tyche thula</i>	S Ogilvie Mts.: Dempster Highway N of Distincta Peak	30-Jun-13	MLL
<i>Colias tyche thula</i>	Lake Bennet vic.: Montana Mountain	13-Jul-13	14-Jul-13 MLL

LYCAENIDAE

<i>Lycaena dorcas arcticus</i>	S Ogilvie Mts.: Dempster Highway E of Distincta Peak	11-Jul-13	MLL
<i>Lycaena phlaeas arethusa</i>	Lake Bennet vic.: Montana Mountain	13-Jul-13	14-Jul-13 MLL
<i>Cupido amyntula</i>	Yukon R. valley: Klondike Highway at Tachun River	29-Jun-13	MLL
<i>Cupido amyntula</i>	S Ogilvie Mts.: Dempster Highway N of Distincta Peak	30-Jun-13	MLL
<i>Cupido amyntula</i>	W of Richardson Mts: Dempster Highway 3 km S White Fox Creek	06-Jul-13	MLL

<i>Glaucopsyche lygdamus couperi</i>	L. Laberge vic.: Klondike Highway 2 miles N Fox Lake	29-Jun-13		MLL
<i>Glaucopsyche lygdamus couperi</i>	Stewart R. valley: Klondike Highway 1 mile S Moose Creek	29-Jun-13		MLL
<i>Glaucopsyche lygdamus couperi</i>	S Ogilvie Mts.: Dempster Highway E of Distincta Peak	30-Jun-13		MLL
<i>Glaucopsyche lygdamus couperi</i>	S Ogilvie Mts.: Dempster Highway at Engineer Creek	01-Jul-13		MLL
<i>Glaucopsyche lygdamus couperi</i>	Lake Bennet vic.: Montana Mountain	14-Jul-13		MLL
<i>Plebejus glandon bryanti</i>	Eagle Plains: Dempster Highway W Scriver Creek	01-Jul-13		MLL
<i>Plebejus glandon bryanti</i>	Eagle Plains: Dempster Highway N Scriver Creek	01-Jul-13		MLL
<i>Plebejus glandon bryanti</i>	W of Richardson Mts: Foothills E of Dempster Hwy km412.5 W of Mt	07-Jul-13		MLL
<i>Plebejus glandon bryanti</i>	Lake Bennet vic.: Montana Mountain	13-Jul-13	14-Jul-13	MLL
<i>Plebejus idas alaskensis</i>	L. Laberge vic.: Richthofen Creek at Klondike Highway	29-Jun-13		MLL
<i>Plebejus idas alaskensis</i>	Yukon R. valley: Klondike Highway at Tachun River	29-Jun-13		MLL
<i>Plebejus idas alaskensis</i>	W of Richardson Mts: Foothills E of Dempster Hwy km412.5 W of Mt	07-Jul-13		MLL
<i>Plebejus idas alaskensis</i>	Klondike R. valley: North Fork Road 3 km E of Dempster Highway	12-Jul-13		MLL
<i>Plebejus idas alaskensis</i>	Lake Bennet vic.: Montana Mountain	13-Jul-13	14-Jul-13	MLL
<i>Plebejus optilete yukona</i>	S Ogilvie Mts.: Dempster Highway E of Distincta Peak	30-Jun-13		MLL
<i>Plebejus optilete yukona</i>	Klondike R. valley: North Fork Road 3 km E of Dempster Highway	12-Jul-13		MLL
<i>Plebejus optilete yukona</i>	Lake Bennet vic.: Montana Mountain	13-Jul-13	14-Jul-13	MLL
<i>Plebejus saepiolus amica</i>	Yukon R. valley: Klondike Highway at Tachun River	29-Jun-13		MLL
<i>Plebejus saepiolus amica</i>	L. Laberge vic.: Richthofen Creek at Klondike Highway	29-Jun-13		MLL
<i>Plebejus saepiolus amica</i>	Stewart R. valley: Klondike Highway 1 mile S Moose Creek	29-Jun-13		MLL
<i>Plebejus saepiolus amica</i>	L. Laberge vic.: Klondike Highway 2 miles N Fox Lake	29-Jun-13		MLL
<i>Plebejus saepiolus amica</i>	Klondike R. valley: North Fork Road 3 km E of Dempster Highway	12-Jul-13		MLL
<i>Plebejus saepiolus amica</i>	Lake Bennet vic.: Montana Mountain	14-Jul-13		MLL
NYMPHALIDAE				
<i>Coenonympha tullia yukonensis</i>	S Ogilvie Mts.: Dempster Highway N of Distincta Peak	30-Jun-13		MLL
<i>Coenonympha tullia yukonensis</i>	Blackstone Uplands: Dempster Highway at East Blackstone River	30-Jun-13		MLL
<i>Coenonympha tullia yukonensis</i>	S Ogilvie Mts.: Dempster Highway at Engineer Creek	01-Jul-13		MLL
<i>Coenonympha tullia yukonensis</i>	Richardson Mts.: Wright Pass	06-Jul-13		MLL
<i>Coenonympha tullia yukonensis</i>	W of Richardson Mts: Foothills E of Dempster Hwy km412.5 W of Mt	07-Jul-13		MLL
<i>Coenonympha tullia yukonensis</i>	W of Richardson Mts: Dempster Highway 3 km S White Fox Creek	07-Jul-13		MLL
<i>Coenonympha tullia yukonensis</i>	S Ogilvie Mts.: Dempster Highway E of Distincta Peak	11-Jul-13		MLL
<i>Coenonympha tullia yukonensis</i>	Lake Bennet vic.: Montana Mountain	13-Jul-13	14-Jul-13	MLL
<i>Erebia lafontainei</i>	S Ogilvie Mts.: Dempster Highway N of Distincta Peak	30-Jun-13		MLL
<i>Erebia lafontainei</i>	S Ogilvie Mts.: Dempster Highway E of Distincta Peak	30-Jun-13		MLL
<i>Erebia lafontainei</i>	W of Richardson Mts: Dempster Highway 3 km S White Fox Creek	06-Jul-13		MLL
<i>Erebia lafontainei</i>	Richardson Mts.: Wright Pass	06-Jul-13		MLL
<i>Erebia lafontainei</i>	Lake Bennet vic.: Montana Mountain	13-Jul-13	14-Jul-13	MLL
<i>Erebia mackinleyensis</i>	Lake Bennet vic.: Montana Mountain	13-Jul-13	14-Jul-13	MLL
<i>Erebia mancinus</i>	S Ogilvie Mts.: Dempster Highway N of Distincta Peak	30-Jun-13		MLL
<i>Erebia mancinus</i>	Eagle Plains: Dempster Highway W Scriver Creek	01-Jul-13		MLL
<i>Erebia pawlowskii canadensis</i>	S Ogilvie Mts.: Dempster Highway E of Distincta Peak	30-Jun-13		MLL
<i>Erebia pawlowskii canadensis</i>	S Ogilvie Mts.: Dempster Highway N of Distincta Peak	30-Jun-13		MLL
<i>Erebia pawlowskii canadensis</i>	S Ogilvie Mts.: Dempster Highway at Engineer Creek	01-Jul-13		MLL
<i>Erebia pawlowskii canadensis</i>	S Ogilvie Mts.: Dempster Highway E of Distincta Peak	11-Jul-13		MLL
<i>Erebia rossii gabrieli</i>	Richardson Mts.: Wright Pass	06-Jul-13		MLL
<i>Oeneis alpina excubitor</i>	S Ogilvie Mts.: Dempster Highway E of Distincta Peak	30-Jun-13		MLL
<i>Oeneis alpina excubitor</i>	Eagle Plains: Dempster Highway W Scriver Creek	01-Jul-13		MLL
<i>Oeneis bore hanburyi</i>	Blackstone Uplands: Dempster Highway at East Blackstone River	30-Jun-13		MLL
<i>Oeneis bore hanburyi</i>	Eagle Plains: Dempster Highway N Scriver Creek	01-Jul-13		MLL
<i>Oeneis bore hanburyi</i>	Lake Bennet vic.: Montana Mountain	13-Jul-13	14-Jul-13	MLL
<i>Oeneis chryxus</i>	Eagle Plains: Dempster Highway N Scriver Creek	01-Jul-13		MLL
<i>Oeneis chryxus caryi</i>	Lake Bennet vic.: Montana Mountain	13-Jul-13	14-Jul-13	MLL
<i>Oeneis jutta</i>	Eagle Plains: Dempster Highway N Scriver Creek	01-Jul-13		MLL
<i>Oeneis jutta alaskensis</i>	Yukon R. valley: Klondike Highway at Tachun River	29-Jun-13		MLL
<i>Oeneis jutta alaskensis</i>	L. Laberge vic.: Klondike Highway at Klusha Creek	29-Jun-13		MLL
<i>Oeneis jutta alaskensis</i>	S Ogilvie Mts.: Dempster Highway N of Distincta Peak	30-Jun-13		MLL
<i>Oeneis jutta alaskensis</i>	S Ogilvie Mts.: Dempster Highway at Engineer Creek	01-Jul-13		MLL
<i>Oeneis jutta alaskensis</i>	W of Richardson Mts: Foothills E of Dempster Hwy km412.5 W of Mt	07-Jul-13		MLL
<i>Oeneis jutta alaskensis</i>	Ogilvie R. valley: Dempster Highway at Red Creek	11-Jul-13		MLL

<i>Oeneis melissa</i>	Eagle Plains: Dempster Highway N Scriver Creek	01-Jul-13		MLL
<i>Oeneis melissa</i>	Lake Bennet vic.: Montana Mountain	13-Jul-13	14-Jul-13	MLL
<i>Oeneis polixenes</i>	Eagle Plains: Dempster Highway N Scriver Creek	01-Jul-13		MLL
<i>Oeneis polixenes beringiana</i>	Richardson Mts.: Wright Pass	06-Jul-13		MLL
<i>Oeneis polixenes beringiana</i>	Lake Bennet vic.: Montana Mountain	13-Jul-13	14-Jul-13	MLL
<i>Oeneis uhleri cairnesi</i>	W of Richardson Mts: Foothills E of Dempster Hwy km412.5 W of Mt	07-Jul-13		MLL
<i>Boloria alaskensis</i>	Eagle Plains: Dempster Highway N Scriver Creek	01-Jul-13		MLL
<i>Boloria alaskensis</i>	Lake Bennet vic.: Montana Mountain	13-Jul-13	14-Jul-13	MLL
<i>Boloria astarte distincta</i>	Eagle Plains: Dempster Highway N Scriver Creek	01-Jul-13		MLL
<i>Boloria astarte distincta</i>	W of Richardson Mts: Foothills E of Dempster Hwy km412.5 W of Mt	07-Jul-13		MLL
<i>Boloria chariclea grandis</i>	L. Laberge vic.: Richthofen Creek at Klondike Highway	29-Jun-13		MLL
<i>Boloria chariclea grandis</i>	Stewart R. valley: Klondike Highway 1 mile S Moose Creek	29-Jun-13		MLL
<i>Boloria chariclea grandis</i>	Richardson Mts.: Wright Pass	06-Jul-13		MLL
<i>Boloria chariclea grandis</i>	W of Richardson Mts: Foothills E of Dempster Hwy km412.5 W of Mt	07-Jul-13		MLL
<i>Boloria chariclea grandis</i>	W of Richardson Mts: Dempster Highway 3 km S White Fox Creek	07-Jul-13		MLL
<i>Boloria chariclea grandis</i>	S Ogilvie Mts.: Dempster Highway E of Distincta Peak	11-Jul-13		MLL
<i>Boloria chariclea grandis</i>	Lake Bennet vic.: Montana Mountain	13-Jul-13	14-Jul-13	MLL
<i>Boloria eunomia denali</i>	S Ogilvie Mts.: Dempster Highway E of Distincta Peak	30-Jun-13		MLL
<i>Boloria eunomia denali</i>	Eagle Plains: Dempster Highway 6 miles S Aitch Hill	01-Jul-13		MLL
<i>Boloria eunomia denali</i>	Eagle Plains: Dempster Highway N Scriver Creek	01-Jul-13		MLL
<i>Boloria eunomia denali</i>	W of Richardson Mts: Dempster Highway 3 km S White Fox Creek	06-Jul-13		MLL
<i>Boloria eunomia denali</i>	W of Richardson Mts: Foothills E of Dempster Hwy km412.5 W of Mt	07-Jul-13		MLL
<i>Boloria eunomia denali</i>	Lake Bennet vic.: Montana Mountain	13-Jul-13	14-Jul-13	MLL
<i>Boloria freija</i>	Eagle Plains: Dempster Highway N Scriver Creek	01-Jul-13		MLL
<i>Boloria frigga saga</i>	S Ogilvie Mts.: Dempster Highway at Engineer Creek	01-Jul-13		MLL
<i>Boloria frigga saga</i>	Eagle Plains: Dempster Highway N Scriver Creek	01-Jul-13		MLL
<i>Boloria improba</i>	Richardson Mts.: Wright Pass	06-Jul-13		MLL
<i>Boloria improba</i>	W of Richardson Mts: Dempster Highway 3 km S White Fox Creek	06-Jul-13		MLL
<i>Boloria improba youngi</i>	Lake Bennet vic.: Montana Mountain	13-Jul-13	14-Jul-13	MLL
<i>Boloria polaris</i>	Eagle Plains: Dempster Highway N Scriver Creek	01-Jul-13		MLL
<i>Boloria polaris</i>	S Ogilvie Mts.: Dempster Highway at Engineer Creek	01-Jul-13		MLL
<i>Boloria polaris</i>	Eagle Plains: Dempster Highway W Scriver Creek	01-Jul-13		MLL
<i>Boloria polaris</i>	Richardson Mts.: Wright Pass	06-Jul-13		MLL
<i>Boloria polaris</i>	Lake Bennet vic.: Montana Mountain	13-Jul-13	14-Jul-13	MLL
<i>Limnitis arthemis rubrofasciata</i>	Yukon R. valley: Klondike Highway at Tachun River	29-Jun-13		MLL
<i>Limnitis arthemis rubrofasciata</i>	L. Laberge vic.: Klondike Highway at Klusha Creek	29-Jun-13		MLL
<i>Limnitis arthemis rubrofasciata</i>	Ogilvie R. valley: Dempster Highway at Red Creek	11-Jul-13		MLL
<i>Nymphalis antiopa</i>	Eagle Plains: Dempster Highway N Scriver Creek	01-Jul-13		MLL
<i>Polygonia faunus arcticus</i>	W of Richardson Mts: Dempster Highway at White Fox Creek	06-Jul-13		MLL
<i>Phyciodes pulchella inornatus</i>	Yukon R. valley: Klondike Highway at Tachun River	29-Jun-13		MLL
<i>Phyciodes pulchella inornatus</i>	Stewart R. valley: Klondike Highway 1 mile S Moose Creek	29-Jun-13		MLL
<i>Phyciodes pulchella tutchone</i>	Klondike R. valley: North Fork Road 3 km E of Dempster Highway	12-Jul-13		MLL
<i>Euphydryas anicia helvia</i>	Yukon R. valley: Klondike Highway at Tachun River	29-Jun-13		MLL

Moths

EREBIDAE

<i>Gynaephora groenlandica beringiana</i>	SW YUKON: Headwaters of Silver Ck, Kluane Ranges	18-Jun-10		ICB
	First record S of Arctic Circle, larvae			
<i>Gynaephora groenlandica beringiana</i>	SW YUKON: Alpine valley of Ruby Range	15-Jul-12		ICB
	Second record S of Arctic Circle, larvae			

ALASKA

Weather: May was considerably cooler than usual across Interior Alaska, with 3 days of record cold. June was hot, with 2 days of record heat (92°F) in the final week. July and early August were warm (one record day on 7 August). The collecting season arrived late, and then developed very rapidly.

RANGE EXTENSIONS: At Nyac, 5 butterfly species were added to the site fauna, giving 14 species now known from this remote mining community. At King Salmon a series of *Celastrina ladon* was obtained--the first record at this site.

NEW STATE RECORDS: Two species of *Catocala* (*semirelicta* & *unijuga*) were caught in Wrangell, on Wrangell Island in SE Alaska. An out-focus photo of a *Catocala* was made in Sitka, but the species could not be determined. These are the first records of the genus in Alaska. The Noctuid *Agrochola pulchella* was obtained in Juneau--also a state record. One specimen of *Boloria epithore* was collected on Prince of Wales Island in 2012, another state record.

ABUNDANT SPECIES: *Pontia occidentalis* had a gala summer in the Fairbanks area. A 4-acre patch of flowers in the spillway of the Chena Flood Control Project had well over 1000 individuals flying for a few weeks, with a 50/50 ratio of males and females. Examination of numerous specimens showed a marked variation in the degree of melanism over the flight period, suggesting that there were 3 broods during the flight season.

Polygonia gracilis continues to be abundant at mile 77.6 on the Steese Hwy. In Fairbanks it is present, but much less common than *P. faunus*.

The *Boloria chariclea* that fly in odd-numbered years in the Bonanza Creek Experimental Forest had a good flight in early summer, with several females collected. Most females were strongly melanic, which does not occur in the late-summer *Boloria 'grandis'* which is considered (elsewhere) to be a ssp of *chariclea*. In Interior Alaska these two taxa are not conspecific.

Albuna pyramidalis (a yellowjacket mimic that feeds on fireweed) turned up on a peony farm east of Fairbanks. Mating pairs were seen sitting on peonies, and males were flying all over the farm. A large patch of fireweed was adjacent to the farm, and the moths presumably came from the fireweed--but they found peonies very attractive indeed. I hope to run a pheromone trap there in 2014.

Butterflies

HESPERIIDAE

<i>Erynnis persius</i>	Copper R. lowland: Glenn Highway mile 153	17-Jun-13		TH2
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PAPILIONIDAE

<i>Papilio machaon</i>	S foot Alaska Range: Denali Highway mile 13	18-Jun-13	19-Jun-13	TH2
<i>Parnassius eversmanni</i>	S foot Alaska Range: Denali Highway mile 13	18-Jun-13	23-Jun-13	TH2
<i>Parnassius eversmanni</i>	Seward Peninsula: Teller Road mile 21	25-Jun-13	26-Jun-13	TH2
<i>Parnassius eversmanni</i>	Seward Peninsula: Teller Road mile 18	25-Jun-13	26-Jun-13	TH2
<i>Parnassius phoebus</i>	SW AK, TULUKSAK R.: Nyac	12-Jul-13	31-Jul-13	ALS

PIERIDAE

<i>Pontia occidentalis</i>	Interior Alaska: Chena Flood Control Project	28-May-13	12-Sep-13	KWP
Fresh adults May-September, 3 broods				
<i>Pontia occidentalis</i>	Seward Peninsula: Teller Road mile 21	25-Jun-13		TH2
<i>Pieris angelika</i>	Talkeetna Mts S foot: Glenn Highway mile 118	17-Jun-13		TH2
<i>Pieris angelika</i>	Chugach Mountains: Crow Creek Trail, Girdwood	24-Jun-13		TH2
<i>Euchloe creusa</i>	Seward Peninsula: Teller Road mile 18	25-Jun-13		TH2
<i>Colias canadensis</i>	Copper R. lowland: Glenn Highway mile 153	17-Jun-13		TH2
<i>Colias canadensis</i>	Talkeetna Mts S foot: Glenn Highway mile 118	17-Jun-13		TH2
<i>Colias hecla</i>	S foot Alaska Range: Denali Highway mile 13	23-Jun-13		TH2
<i>Colias nastes</i>	S foot Alaska Range: Denali Highway mile 13	22-Jun-13		TH2
<i>Colias nastes</i>	SW AK, TULUKSAK R.: Nyac	25-Jun-13	10-Jul-13	ALS
<i>Colias palaeno</i>	S foot Alaska Range: Denali Highway mile 13	19-Jun-13	23-Jun-13	TH2
<i>Colias palaeno</i>	Talkeetna Mts S foot: Glenn Highway mile 118	23-Jun-13		TH2
<i>Colias philodice</i>	Talkeetna Mts S foot: Glenn Highway mile 118	23-Jun-13		TH2
<i>Colias tyche thula</i>	Seward Peninsula: Teller Road mile 18	26-Jun-13		TH2
<i>Colias tyche thula</i>	Seward Peninsula: Teller Road mile 21	26-Jun-13		TH2

LYCAENIDAE

<i>Celastrina ladon</i>	BRISTOL BAY REGION: King Salmon	08-Jun-13	14-Jun-13	ALS
<i>Glaucopsyche lygdamus</i>	Copper R. lowland: Glenn Highway mile 153	17-Jun-13		TH2
<i>Glaucopsyche lygdamus</i>	Talkeetna Mts S foot: Glenn Highway mile 118	17-Jun-13		TH2
<i>Plebejus idas</i>	Copper R. lowland: Glenn Highway mile 153	23-Jun-13		TH2
<i>Plebejus idas</i>	Chugach Mountains: Crow Creek Trail, Girdwood	24-Jun-13		TH2
<i>Plebejus saepiolus</i>	Copper R. lowland: Glenn Highway mile 153	17-Jun-13	23-Jun-13	TH2
<i>Plebejus saepiolus</i>	Talkeetna Mts S foot: Glenn Highway mile 118	17-Jun-13	23-Jun-13	TH2

NYMPHALIDAE

Coenonympha tullia	Talkeetna Mts S foot: Glenn Highway mile 118	17-Jun-13	23-Jun-13	TH2
Coenonympha tullia	S foot Alaska Range: Denali Highway mile 13	19-Jun-13		TH2
Erebia disa	Seward Peninsula: Teller Road mile 21	25-Jun-13	26-Jun-13	TH2
Erebia discoidalis	Copper R. lowland: Glenn Highway mile 153	17-Jun-13		TH2
Erebia discoidalis	Talkeetna Mts S foot: Glenn Highway mile 118	17-Jun-13	23-Jun-13	TH2
Erebia fasciata	SW AK, TULUKSAK R.: Nyac	15-Jun-13		ALS
Erebia fasciata	S foot Alaska Range: Denali Highway mile 13	19-Jun-13	22-Jun-13	TH2
Erebia mackinleyensis	SW AK, TULUKSAK R.: Nyac	13-Jun-13		ALS
Erebia occulta	Seward Peninsula: Teller Road mile 21	25-Jun-13	26-Jun-13	TH2
Erebia rossii	S foot Alaska Range: Denali Highway mile 13	18-Jun-13	23-Jun-13	TH2
Erebia rossii	Seward Peninsula: Teller Road mile 21	26-Jun-13		TH2
Oeneis bore	Talkeetna Mts S foot: Glenn Highway mile 118	17-Jun-13	23-Jun-13	TH2
Oeneis bore	S foot Alaska Range: Denali Highway mile 13	18-Jun-13	23-Jun-13	TH2
Oeneis jutta	Copper R. lowland: Glenn Highway mile 153	23-Jun-13		TH2
Oeneis melissa	Chugach Mountains: Crow Creek Trail, Girdwood	24-Jun-13		TH2
Oeneis melissa	Seward Peninsula: Teller Road mile 21	26-Jun-13		TH2
Oeneis polixenes	S foot Alaska Range: Denali Highway mile 13	18-Jun-13	22-Jun-13	TH2
Boloria chariclea	Interior Alaska: Bonanza Creek Experimental Forest	31-May-13	24-Jun-13	KWP
Boloria chariclea	Copper R. lowland: Glenn Highway mile 153	17-Jun-13	23-Jun-13	TH2
Boloria chariclea	S foot Alaska Range: Denali Highway mile 13	18-Jun-13	23-Jun-13	TH2
Boloria chariclea	Chugach Mountains: Crow Creek Trail, Girdwood	24-Jun-13		TH2
Boloria epithore	PRINCE OF WALES IS.: Staney Creek Cabin, Prince of Wales Islan	23-Jun-12		IMD
A new Alaska state record				
Boloria eunomia	S foot Alaska Range: Denali Highway mile 13	22-Jun-13		TH2
Boloria freija	Talkeetna Mts S foot: Glenn Highway mile 118	17-Jun-13		TH2
Boloria freija	Copper R. lowland: Glenn Highway mile 153	17-Jun-13		TH2
Boloria freija	Chugach Mountains: Crow Creek Trail, Girdwood	24-Jun-13		TH2
Boloria freija	Seward Peninsula: Teller Road mile 21	26-Jun-13		TH2
Boloria frigga	Talkeetna Mts S foot: Glenn Highway mile 118	17-Jun-13		TH2
Boloria frigga	Copper R. lowland: Glenn Highway mile 153	17-Jun-13		TH2
Boloria polaris	SW AK, TULUKSAK R.: Nyac	15-Jun-13		ALS
Boloria polaris	S foot Alaska Range: Denali Highway mile 13	18-Jun-13	22-Jun-13	TH2
Boloria polaris	Seward Peninsula: Teller Road mile 21	26-Jun-13		TH2
Polygonia gracilis	Interior Alaska: Steese Hwy mile 77.6, Idaho Creek	01-Aug-13		KWP

Moths

SESIIDAE

Albuna pyramidalis	Interior Alaska: Baseline Rd., Two Rivers	26-Jul-13	28-Jul-13	KWP
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EREBIDAE

Catocala semirelictata	WRANGELL ISLAND: 9 Miles S of Wrangell	09-Sep-13		SWE
Alaska State record, genus & species				
Catocala unijuga	WRANGELL ISLAND: 9 Miles S of Wrangell	08-Sep-13		SWE
Alaska State record, genus & species				

NOCTUIDAE

Agrochola pulchella	SE ALASKA: Juneau	03-Sep-13		EEG
Alaska State record				

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

Coordinator: Jon H. Shepard

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WMY : William Yake		

General Comments:

2013 was another year with unusual weather conditions, this time extremely hot weather from about July 15, after a cold and wet spring and early summer. As a result, migratory species like *Vanessa cardui* did not show up until July, when they usually show up in mid April. Despite the late start it was a good year for migratory species. *Ascalapha odorata* was recorded in BC for only about the 7th time in 125 years of collections and observations in the province. All migratory species of butterflies except *Vanessa caryae*, were reported somewhere in the PNW zone. Also, most migratory moth species, except some pest species of Noctuidae. Another point with *Vanessa cardui*, was that instead of reaching southern BC at the normal time, it migrated north through Alberta and across to Whitehorse, Yukon Territory. It must have crossed northern BC to get to Whitehorse, but no reports were received from northern BC.

Another ongoing thing was the expanded range north of species responding to global warming. *Lycaena editha* was found further west and north in BC, into the Central Kootenay Regional District. That area and the area around Victoria are the best documented and historically longest to be surveyed areas in the Province. There were also first reports of Hackberry butterflies in the Snake River canyon, in an area that has been collected since about 1898. Regrettably, no photograph or specimen vouchers were obtained, so the species cannot be determined. Hackberry butterflies also were recorded in Death Valley, Calif., again way outside their know range, so there was great out-migration in 2013.

BRITISH COLUMBIA

Butterflies

LYCAENIDAE

<i>Lycaena editha</i>	CENTRAL KOOTENAY: Mount Nelson; S base	13-Jul-13	JEA
<i>Lycaena editha</i>	Central Kootenay: Ymir, nr.	15-Jul-13	JEA

Moths

HEPIALIDAE

<i>Sthenopis purpurascens</i>	Fraser-Fort George: Valemount	21-Jul-13	JG2
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COSSIDAE

<i>Acosossus populi</i>	Fraser-Fort George: Valemount	21-Jul-13	JG2
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GEOMETRIDAE

<i>Neocalcis californiaria</i>	Capital: Saanich	16-Aug-13	JG2
<i>Erannis tiliaria vancouverensis</i>	Capital: Saanich	15-Nov-13	JG2
<i>Ennomos magnaria</i>	Capital: Saanich	04-Aug-13	JG2
<i>Caripeta divisata</i>	Capital: Saanich	16-Aug-13	JG2
<i>Enypia venata</i>	Capital: Saanich	05-Aug-13	JG2
<i>Nematocampa resistaria</i>	Capital: Saanich	28-Jul-13	JG2
<i>Chlorosea banksaria</i>	Capital: Saanich	13-Jul-13	JG2
<i>Plemyria georgii</i>	Capital: Saanich	13-Jul-13	JG2
<i>Hydriomena speciosata</i>	Capital: Saanich	04-Aug-13	JG2
<i>Xanthorhoe lacustrata</i>	Capital: Saanich	16-Aug-13	JG2
<i>Operophtera bruceata</i>	Capital: Saanich	27-Nov-13	JG2
<i>Operophtera brumata</i>	Capital: Saanich	13-Nov-13	JG2

THYATIRIDAE

<i>Pseudothyatira cymatophoroides</i>	Capital: Saanich	15-Jul-13	JG2
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LASIOCAMPIDAE

<i>Tolype distincta</i>	Capital: Saanich	01-Aug-13	JG2
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SPHINGIDAE

<i>Proserpinus flavofasciata</i>	Columbia-Shuswap: Sprague Bay	18-May-13	JEA
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NOTODONTIDAE

<i>Schizura ipomoeae</i>	Capital: Saanich	14-Jul-13	JG2
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EREBIDAE

<i>Clemensia albata</i>	Capital: Saanich	13-Jul-13	JG2
<i>Grammia parthenice</i>	Fraser-Fort George: Valemount	21-Jul-13	JG2
<i>Arctia caja</i>	Capital: Saanich	26-Jul-13	JG2
<i>Lateroligia ophiogramma</i>	Capital: Saanich	31-Jul-13	JG2
<i>Ascalapha odorata</i> Brian Scott	West Kootenay: Lardeau	25-Sep-13	JHS

NOCTUIDAE

<i>Autographa bimaculata</i>	Fraser-Fort George: Valemount	21-Jul-13	JG2
<i>Autographa californica</i>	West Kootenay: Glade	16-Oct-13	RW3
<i>Autographa corusca</i>	Capital: Saanich	31-Jul-13	JG2
<i>Syngrapha celsa</i>	Fraser-Fort George: Valemount	21-Jul-13	JG2
<i>Syngrapha orophila</i>	Fraser-Fort George: Valemount	21-Jul-13	JG2
<i>Plusia putnami</i>	Fraser-Fort George: Valemount	21-Jul-13	JG2

<i>Panthea virginaria</i>	Capital: Saanich	15-Jul-13	JG2
<i>Cosmia praeacuta</i>	Capital: Saanich	31-Jul-13	JG2
<i>Apamea scoparia</i>	Fraser-Fort George: Valemount	21-Jul-13	JG2
<i>Amphipoea americana</i>	Fraser-Fort George: Valemount	21-Jul-13	JG2
<i>Lacinipolia olivacea</i>	Fraser-Fort George: Valemount	21-Jul-13	JG2
<i>Feltia herilis</i>	Fraser-Fort George: Valemount	21-Jul-13	JG2
<i>Cryptocala acadensis</i>	Fraser-Fort George: Valemount	21-Jul-13	JG2
<i>Eurois occulta</i>	Capital: Saanich	01-Aug-13	JG2
<i>Xestia oblata</i>	Capital: Saanich	25-Jul-13	JG2

IDAHO

Butterflies

HESPERIIDAE

<i>Thymelicus lineola</i>	Kootenai: Hanson Conservation Easement; W Lake Couer D'Alene	07-Jul-12	JB3
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Moths

TORTRICIDAE

<i>Hedya ochroleucana</i>	TETON: Driggs	22-Jul-13	RAM
<i>Eucosma ridingsana</i>	TETON: Driggs	22-Jul-13	RAM

OREGON

Butterflies

HESPERIIDAE

<i>Erynnis persius</i>	Tillamook: King Mountain	26-Jul-10	JHS
Anne Musche			
<i>Pyrgus communis</i>	Curry: Illinois River nr confluence with Rogue River	03-Oct-12	WMY
<i>Carterocephalus palaemon</i>	COLUMBIA: St. Helens, St. Helens Bluff	25-May-12	RMP
<i>Hesperia juba</i>	Sherman: Mack's Canyon	21-Apr-13	24-Apr-13 DLM

PAPILIONIDAE

<i>Papilio indra</i>	Sherman: Mack's Canyon	22-Apr-13	25-Apr-13 DLM
<i>Papilio machaon oregonius</i>	Sherman: Mack's Canyon, nr. CG	25-Apr-13	DLM
<i>Papilio zelicaon</i>	Sherman: Mack's Canyon, nr. CG	24-Apr-13	25-Apr-13 DLM

PIERIDAE

<i>Pontia beckerii</i>	Sherman: Mack's Canyon CG	22-Apr-13	DLM
<i>Pieris rapae</i>	Clatsop: Astoria	27-Mar-13	DLM
<i>Pieris rapae</i>	Sherman: Mack's Canyon CG	22-Apr-13	DLM

LYCAENIDAE

<i>Lycaena arota</i>	Klamath: Eagle Ridge CG	27-Aug-13	JB3
<i>Satyrion titus</i>	Harney: Steens Mts.,; above South Steens Campg.	10-Aug-13	JL2
<i>Strymon melinus</i>	Sherman: Mack's Canyon	22-Apr-13	DLM
<i>Strymon melinus</i>	Sherman: Mack's Canyon, nr. CG	24-Apr-13	DLM
<i>Cupido comyntas</i>	Union: Cricket Flat, 3 mi NE Elgin, 3200'	30-Apr-12	DT1
<i>Glaucoopsyche lygdamus</i>	Sherman: Mack's Canyon CG	22-Apr-13	24-Apr-13 DLM
<i>Plebejus lupini</i>	Sherman: Mack's Canyon CG	22-Apr-13	24-Apr-13 DLM
<i>Plebejus lupini</i>	Sherman: Rattlesnake CG	25-Apr-13	DLM
<i>Plebejus melissa</i>	Curry: Illinois River nr confluence with Rogue River	03-Oct-12	WMY

NYMPHALIDAE

<i>Coenonympha tullia</i>	Sherman: Mack's Canyon CG	22-Apr-13	24-Apr-13 DLM
<i>Cercyonis sthenele</i>	Klamath: Jackson Kimall SP	27-Aug-13	JB3
<i>Speyeria zerene</i>	Curry: Upper Illinois River canyon	04-Oct-12	WMY
<i>Adelpha californica</i>	Curry: Illinois River nr confluence with Rogue River	03-Oct-12	WMY
<i>Vanessa virginiensis</i>	Curry: Lone Ranch Beach SP	01-Sep-13	JB3
<i>Phyciodes mylitta</i>	Curry: Illinois River nr confluence with Rogue River	03-Oct-12	WMY
<i>Phyciodes mylitta</i>	Sherman: Mack's Canyon, nr. CG	24-Apr-13	DLM

Moths

CRAMBIDAE

<i>Chalcoela iphitalis</i>	Multnomah: Portland	06-Jun-13	12-Aug-13 MH2
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PYRALIDAE

<i>Euzophera semifuneralis</i>	Multnomah: Portland	12-Aug-13	12-Aug-13 MH2
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TORTRICIDAE

<i>Spilonota ocellana</i>	Multnomah: Portland	23-Jun-13	13-Jul-13	MH2
<i>Phaneta bucephaloides</i>	HARNEY: Malheur Field Sta.	08-Aug-13		MH2
<i>Epinotia solandriana</i>	Multnomah: Portland	15-Jun-13	15-Jun-13	MH2
<i>Cydia pomonella</i>	Multnomah: Portland	06-Jun-13	02-Sep-13	MH2
<i>Acleris variegana</i>	Multnomah: Portland	03-Sep-13	03-Sep-13	MH2
<i>Pandemis cerasana</i>	MULTNOMAH: Portland	29-Jun-13	29-Jun-13	MH2

GEOMETRIDAE

<i>Macaria bitactata</i>	KLAMATH: Klamath Marsh NWR	11-Oct-12	12-Oct-12	DNR
<i>Apodrepanulatrix litaria</i>	Klamath: Klamath Marsh NWR	12-Oct-12		DNR
<i>Nematocampa resistaria</i>	Multnomah: Portland	12-Aug-13	12-Aug-13	MH2
<i>Eurhinosea flavaria</i>	JOSEPHINE: Oregon Caves N.M., Bigelow Lakes	08-Aug-12	17-Aug-12	JER
<i>Xanthorhoe defensaria</i>	Klamath: Klamath Marsh NWR	12-Oct-12		DNR

THYATIRIDAE

<i>Euthyatira lorata</i>	WASCO: S Fk Mill Creek, 7.5 mi SW The Dalles	17-Apr-12		DS6
<i>Euthyatira semicircularis</i>	LAKE: Kelly Cr., 3 mi E of Hwy 395, 5880'	09-Jul-09		DNR
<i>Ceranemota tearlei</i>	WASCO: S Fk Mill Creek, 7.5 mi SW The Dalles	01-Nov-12		DS6

LASIOCAMPIDAE

<i>Tolyte distincta</i>	Wasco: S Fk Mill Creek, 7.5 mi SW The Dalles	20-Aug-12	13-Sep-12	DS6
<i>Tolyte distincta</i>	Klamath: Klamath Marsh NWR	10-Oct-12		DNR
<i>Phyllodesma americana</i>	WASCO: S Fk Mill Creek, 7.5 mi SW The Dalles	30-Apr-12	16-May-12	DS6

SATURNIIDAE

<i>Hyalophora euryalus</i>	WASCO: S Fk Mill Creek, 7.5 mi SW The Dalles	16-May-12		DS6
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SPHINGIDAE

<i>Smerinthus cerisyi</i>	Wasco: S Fk Mill Creek, 7.5 mi SW The Dalles	16-May-12		DS6
<i>Arctonotus lucidus</i>	Wasco: S Fk Mill Creek, 7.5 mi SW The Dalles	20-Mar-12	29-Mar-12	DS6

NOTODONTIDAE

<i>Gluphisia severa</i>	Wasco: S Fk Mill Creek, 7.5 mi SW The Dalles	17-Apr-12		DS6
<i>Furcula occidentalis</i>	WASCO: S Fk Mill Creek, 7.5 mi SW The Dalles	16-May-12		DS6
<i>Furcula scolopendrina</i>	LAKE: Kelly Cr., 3 mi E of Hwy 395, 5880'	09-Jul-09		DNR
<i>Nadata gibbosa</i>	Wasco: S Fk Mill Creek, 7.5 mi SW The Dalles	10-Aug-12		DS6
<i>Nadata oregonensis</i>	Wasco: S Fk Mill Creek, 7.5 mi SW The Dalles	16-May-12		DS6

EREBIDAE

<i>Grammia nevadensis</i>	Wasco: S Fk Mill Creek, 7.5 mi SW The Dalles	26-Aug-12	21-Sep-12	DS6
<i>Spilosoma vestalis</i>	Wasco: S Fk Mill Creek, 7.5 mi SW The Dalles	30-Apr-12		DS6
<i>Hemihyalea edwardsii</i>	LINN: Coburg Hills, Oak Basin (BLM)	31-Aug-13	01-Sep-13	DNR
<i>Rivula propinqualis</i>	LINN: Coburg Hills, Oak Basin (BLM)	09-Jul-13		DNR
<i>Mycterophora longipalata</i>	WASCO: S Fk Mill Creek, 7.5 mi SW The Dalles	11-Aug-12		DS6
<i>Hypena abalienalis</i>	LINN: Coburg Hills, Oak Basin (BLM)	09-Jul-13		DNR
<i>Hypena californica</i>	Linn: Coburg Hills, Oak Basin (BLM)	09-Jul-13		DNR
<i>Hypena humuli</i>	LINN: Coburg Hills, Oak Basin (BLM)	12-Aug-13	05-Oct-13	DNR
<i>Hypena palparia</i>	LINN: Coburg Hills, Oak Basin (BLM)	09-Jul-13		DNR
<i>Lygephila victoria</i>	WASCO: S Fk Mill Creek, 7.5 mi SW The Dalles	11-Aug-12		DS6
<i>Cissusa indiscreta</i>	Wasco: S Fk Mill Creek, 7.5 mi SW The Dalles	29-Mar-12	30-Apr-12	DS6
<i>Drasteria sabulosa</i>	LINN: Coburg Hills, Oak Basin (BLM)	09-Jul-13		DNR
<i>Caenurgina erechthea</i>	Linn: Coburg Hills, Oak Basin (BLM)	10-Jul-13	11-Aug-13	DNR
<i>Catocala verrilliana</i>	Wasco: S Fk Mill Creek, 7.5 mi SW The Dalles	20-Aug-12	09-Sep-12	DS6

NOCTUIDAE

<i>Polychrysis morigera</i>	JOSEPHINE: Oregon Caves N.M., Bigelow Lakes	08-Aug-12		JER
<i>Autographa sansoni</i>	JOSEPHINE: Oregon Caves N.M., Bigelow Lakes	17-Aug-12		JER
<i>Anagrapha falcifera</i>	WASCO: S Fk Mill Creek, 7.5 mi SW The Dalles	05-Sep-12		DS6
<i>Panthea virginaria</i>	Lake: Kelly Cr., 3 mi E of Hwy 395, 5880'	09-Jul-09		DNR
<i>Acronicta impleta</i>	WASCO: S Fk Mill Creek, 7.5 mi SW The Dalles	16-May-12		DS6
<i>Acronicta impressa</i>	LINN: Coburg Hills, Oak Basin (BLM)	10-May-13		DNR
<i>Acronicta marmorata</i>	Wasco: S Fk Mill Creek, 7.5 mi SW The Dalles	16-May-12		DS6
<i>Acronicta marmorata</i>	Linn: Coburg Hills, Oak Basin (BLM)	09-Jul-13	10-Jul-13	DNR
<i>Cucullia eulepis</i>	Wasco: S Fk Mill Creek, 7.5 mi SW The Dalles	26-Aug-12		DS6
<i>Cucullia postera</i>	KLAMATH: Klamath Marsh NWR	11-Jul-13		FW1
<i>Pleromelloida bonuscula</i>	WASCO: S Fk Mill Creek, 7.5 mi SW The Dalles	10-Apr-12		DS6

<i>Pleromelloida cinerea</i>	Wasco: S Fk Mill Creek, 7.5 mi SW The Dalles	06-Oct-12	07-Oct-12	DS6
<i>Pleromelloida conserta</i>	WASCO: S Fk Mill Creek, 7.5 mi SW The Dalles	30-Apr-12		DS6
<i>Behrensia conchiformis</i>	WASCO: S Fk Mill Creek, 7.5 mi SW The Dalles	17-Apr-12	30-Apr-12	DS6
<i>Amphipyra pyramidoides</i>	WASCO: S Fk Mill Creek, 7.5 mi SW The Dalles	05-Sep-12		DS6
<i>Amphipyra tragopoginis</i>	Linn: Coburg Hills, Oak Basin (BLM)	09-Jul-13	12-Aug-13	DNR
<i>Feralia deceptiva</i>	Linn: Coburg Hills, Oak Basin (BLM)	12-Apr-13		DNR
<i>Annaphila manfarlandi</i> Pepper Trail	JACKSON: Ashland, nr.	12-Apr-13		JHS
<i>Cryphia cuerva</i>	WASCO: S Fk Mill Creek, 7.5 mi SW The Dalles	26-Aug-12	20-Sep-12	DS6
<i>Spodoptera praefica</i>	LAKE: Kelly Cr., 3 mi E of Hwy 395, 5880'	09-Jul-09		DNR
<i>Caradrina meralis</i>	WASCO: S Fk Mill Creek, 7.5 mi SW The Dalles	26-Aug-12	20-Sep-12	DS6
<i>Proxenus miranda</i>	Linn: Coburg Hills, Oak Basin (BLM)	09-Jul-13	10-Jul-13	DNR
<i>Cosmia calami</i>	WASCO: S Fk Mill Creek, 7.5 mi SW The Dalles	10-Aug-12	11-Aug-12	DS6
<i>Aseptis adnixa</i>	LINN: Coburg Hills, Oak Basin (BLM)	09-Jul-13	10-Jul-13	DNR
<i>Oligia divesta</i>	Wasco: S Fk Mill Creek, 7.5 mi SW The Dalles	10-Aug-12	09-Sep-12	DS6
<i>Oligia divesta</i>	LINN: Coburg Hills, Oak Basin (BLM)	31-Aug-13	01-Sep-13	DNR
<i>Apamea acera</i>	Josephine: Oregon Caves N.M., Headquarters	10-Aug-12		JER
<i>Apamea alia</i>	LINN: Coburg Hills, Oak Basin (BLM)	12-Jun-13	10-Jul-13	DNR
<i>Apamea cinefacta</i>	LINN: Coburg Hills, Oak Basin (BLM)	11-May-13		DNR
<i>Apamea cogitata</i>	Lake: Kelly Cr., 3 mi E of Hwy 395, 5880'	09-Jul-09		DNR
<i>Apamea devastator</i>	Lake: Kelly Cr., 3 mi E of Hwy 395, 5880'	09-Jul-09		DNR
<i>Apamea devastator</i>	Multnomah: Portland	13-Jul-13	13-Jul-13	MH2
<i>Apamea plutonia</i>	LINN: Coburg Hills, Oak Basin (BLM)	11-May-13	13-Jun-13	DNR
<i>Apamea vultuosa</i>	Linn: Coburg Hills, Oak Basin (BLM)	10-May-13	13-Jun-13	DNR
<i>Eremobina uncinata</i>	KLAMATH: Klamath Marsh NWR	12-Oct-12		DNR
<i>Xylomoia indirecta</i>	Linn: Coburg Hills, Oak Basin (BLM)	10-Jul-13	11-Aug-13	DNR
<i>Oligia rampartensis</i>	LINN: Coburg Hills, Oak Basin (BLM)	09-Jul-13		DNR
<i>Hypocoena inquinata</i>	KLAMATH: Klamath Marsh NWR	11-Jul-13		FW1
<i>Hypocoena rufostrigata</i>	Klamath: Klamath Marsh NWR	11-Jul-13		FW1
<i>Hydraecia medialis</i>	WASCO: S Fk Mill Creek, 7.5 mi SW The Dalles	20-Sep-12		DS6
<i>Xylena cineritia</i>	Wasco: S Fk Mill Creek, 7.5 mi SW The Dalles	30-Apr-12		DS6
<i>Xylena nupera</i>	LINN: Coburg Hills, Oak Basin (BLM)	11-May-13		DNR
<i>Mesogona olivata</i>	Wasco: S Fk Mill Creek, 7.5 mi SW The Dalles	08-Sep-12	22-Sep-12	DS6
<i>Agrochola purpurea</i>	Wasco: S Fk Mill Creek, 7.5 mi SW The Dalles	06-Oct-12	12-Nov-12	DS6
<i>Epidemas obscura</i>	WASCO: S Fk Mill Creek, 7.5 mi SW The Dalles	20-Sep-12	29-Oct-12	DS6
<i>Fishia discors</i>	WASCO: S Fk Mill Creek, 7.5 mi SW The Dalles	29-Oct-12		DS6
<i>Fishia yosemitae</i>	WASCO: S Fk Mill Creek, 7.5 mi SW The Dalles	06-Oct-12		DS6
<i>Dryotype opina</i>	LINN: Coburg Hills, Oak Basin (BLM)	05-Oct-13		DNR
<i>Ufeus satyricus</i>	Wasco: S Fk Mill Creek, 7.5 mi SW The Dalles	03-Nov-12		DS6
<i>Perigonica tertia</i>	Wasco: S Fk Mill Creek, 7.5 mi SW The Dalles	17-Apr-12	30-Apr-12	DS6
<i>Perigonica tertia</i>	LINN: Coburg Hills, Oak Basin (BLM)	12-Apr-13	11-May-13	DNR
<i>Acerra normalis</i>	Wasco: S Fk Mill Creek, 7.5 mi SW The Dalles	20-Mar-12	30-Apr-12	DS6
<i>Orthosia ferrigera</i>	Wasco: S Fk Mill Creek, 7.5 mi SW The Dalles	29-Mar-12	30-Apr-12	DS6
<i>Orthosia hibisci</i>	Wasco: S Fk Mill Creek, 7.5 mi SW The Dalles	10-Apr-12	17-Apr-12	DS6
<i>Orthosia pacifica</i>	Wasco: S Fk Mill Creek, 7.5 mi SW The Dalles	10-Apr-12	30-Apr-12	DS6
<i>Orthosia praeses</i>	WASCO: S Fk Mill Creek, 7.5 mi SW The Dalles	05-Apr-12		DS6
<i>Orthosia pulchella</i>	WASCO: S Fk Mill Creek, 7.5 mi SW The Dalles	05-Apr-12		DS6
<i>Egira crucialis</i>	Wasco: S Fk Mill Creek, 7.5 mi SW The Dalles	29-Mar-12	30-Apr-12	DS6
<i>Egira februalis</i>	Wasco: S Fk Mill Creek, 7.5 mi SW The Dalles	19-Mar-12	17-Apr-12	DS6
<i>Egira hiemalis</i>	WASCO: S Fk Mill Creek, 7.5 mi SW The Dalles	20-Mar-12	10-Apr-12	DS6
<i>Egira perlubens</i>	Wasco: S Fk Mill Creek, 7.5 mi SW The Dalles	17-Apr-12	16-May-12	DS6
<i>Egira rubrica</i>	Wasco: S Fk Mill Creek, 7.5 mi SW The Dalles	30-Apr-12		DS6
<i>Egira rubrica</i>	Multnomah: Portland	29-Apr-13	06-May-13	MH2
<i>Tholera americana</i>	WASCO: S Fk Mill Creek, 7.5 mi SW The Dalles	21-Sep-12		DS6
<i>Nephelodes minians</i>	Wasco: S Fk Mill Creek, 7.5 mi SW The Dalles	08-Sep-12	22-Sep-12	DS6
<i>Dargida procincta</i>	WASCO: S Fk Mill Creek, 7.5 mi SW The Dalles	03-Nov-12		DS6
<i>Leucania farcta</i>	Wasco: S Fk Mill Creek, 7.5 mi SW The Dalles	03-Sep-12		DS6
<i>Leucania insueta dia</i>	WASCO: S Fk Mill Creek, 7.5 mi SW The Dalles	16-May-12		DS6
<i>Leucania oregona</i>	Wasco: S Fk Mill Creek, 7.5 mi SW The Dalles	16-May-12	20-Sep-12	DS6

<i>Lacinipolia comis</i>	LINN: Coburg Hills, Oak Basin (BLM)	09-Jul-13	31-Aug-13	DNR
<i>Lacinipolia cuneata</i>	Wasco: S Fk Mill Creek, 7.5 mi SW The Dalles	16-May-12		DS6
<i>Lacinipolia stricta</i>	Wasco: S Fk Mill Creek, 7.5 mi SW The Dalles	26-Aug-12	06-Oct-12	DS6
<i>Homorthodes communis</i>	WASCO: S Fk Mill Creek, 7.5 mi SW The Dalles	08-Sep-12		DS6
<i>Protorthodes curtica</i>	WASCO: S Fk Mill Creek, 7.5 mi SW The Dalles	26-Aug-12	22-Sep-12	DS6
<i>Zosteropoda hirtipes</i>	LINN: Coburg Hills, Oak Basin (BLM)	09-Jul-13	10-Jul-13	DNR
<i>Dichagyris variabilis</i>	WASCO: S Fk Mill Creek, 7.5 mi SW The Dalles	08-Sep-12	09-Sep-12	DS6
<i>Euxoa aequalis</i>	WASCO: S Fk Mill Creek, 7.5 mi SW The Dalles	20-Sep-12		DS6
<i>Euxoa atomarisis</i>	WASCO: S Fk Mill Creek, 7.5 mi SW The Dalles	08-Sep-12		DS6
<i>Euxoa comosa</i>	Klamath: Klamath Marsh NWR	11-Oct-12	12-Oct-12	DNR
<i>Euxoa difformis</i>	WASCO: S Fk Mill Creek, 7.5 mi SW The Dalles	21-Sep-12		DS6
<i>Euxoa henrietta</i>	Wasco: S Fk Mill Creek, 7.5 mi SW The Dalles	08-Sep-12	09-Sep-12	DS6
<i>Euxoa satis</i>	Wasco: S Fk Mill Creek, 7.5 mi SW The Dalles	22-Sep-12		DS6
<i>Euxoa tocoyae</i>	WASCO: S Fk Mill Creek, 7.5 mi SW The Dalles	16-Apr-12		DS6
<i>Feltia jaculifera</i>	WASCO: S Fk Mill Creek, 7.5 mi SW The Dalles	26-Aug-12	21-Sep-12	DS6
<i>Agrotis ipsilon</i>	Klamath: Klamath Marsh NWR	10-Oct-12	12-Oct-12	DNR
<i>Ochropleura implecta</i>	Linn: Coburg Hills, Oak Basin (BLM)	09-Jul-13		DNR
<i>Diarsia rosaria</i>	Linn: Coburg Hills, Oak Basin (BLM)	10-Jul-13		DNR
<i>Cerastis gloriosa</i>	LINN: Coburg Hills, Oak Basin (BLM)	12-Apr-13		DNR
<i>Noctua pronuba</i>	Wasco: S Fk Mill Creek, 7.5 mi SW The Dalles	26-Aug-12	06-Oct-12	DS6
<i>Spaelotis bicava</i>	WASCO: S Fk Mill Creek, 7.5 mi SW The Dalles	21-Oct-12		DS6
<i>Xestia infimatis</i>	Wasco: S Fk Mill Creek, 7.5 mi SW The Dalles	03-Sep-12	07-Oct-12	DS6
<i>Xestia plebeia</i>	LINN: Coburg Hills, Oak Basin (BLM)	11-Aug-13		DNR
<i>Xestia smithii</i>	Linn: Coburg Hills, Oak Basin (BLM)	31-Aug-13		DNR
<i>Parabrotis exsertistigma</i>	WASCO: S Fk Mill Creek, 7.5 mi SW The Dalles	03-Sep-12	21-Sep-12	DS6
<i>Parabrotis formalis</i>	Wasco: S Fk Mill Creek, 7.5 mi SW The Dalles	16-May-12	20-Sep-12	DS6
<i>Abagrotis appositae</i>	LINN: Coburg Hills, Oak Basin (BLM)	31-Aug-13		DNR
<i>Abagrotis forbesi</i>	Wasco: S Fk Mill Creek, 7.5 mi SW The Dalles	09-Aug-12	20-Aug-12	DS6
<i>Abagrotis placida</i>	WASCO: S Fk Mill Creek, 7.5 mi SW The Dalles	20-Sep-12		DS6
NOLIDAE				
<i>Meganola minuscula</i>	Wasco: S Fk Mill Creek, 7.5 mi SW The Dalles	30-Apr-12		DS6
<i>Nola minna</i>	Linn: Coburg Hills, Oak Basin (BLM)	10-May-13	11-May-13	DNR
<i>Nycteola cinereana</i>	Linn: Coburg Hills, Oak Basin (BLM)	11-May-13	09-Jul-13	DNR

WASHINGTON

Butterflies

HESPERIIDAE

<i>Epargyreus clarus</i>	Thurston: Bald Hill	27-May-09		JHS
Mary McCallum				
<i>Erynnis icelus</i>	Stevens: Little Pend Oreille NWR	06-Jul-13		MM5
<i>Erynnis pacuvius</i>	Pend Oreille: Horseshoe L.	15-May-13		JD2
<i>Erynnis pacuvius</i>	Okanogan: Sinlahekin Wildlife Area, T36N R25E section 4	06-Jun-13		CL
<i>Erynnis propertius</i>	Thurston: Scatter Creek Wildlife Area	24-May-13		AP
<i>Erynnis propertius</i>	Thurston: Bald Hill	04-Jun-13		AP
<i>Pyrgus ruralis</i>	Pend Oreille: Horseshoe L.	28-Apr-13		JB3
<i>Pyrgus ruralis</i>	Thurston: Bald Hill	11-May-13		AP
<i>Carterocephalus palaemon</i>	Thurston: Bald Hill	11-May-13		AP
<i>Amblyscirtes vialis</i>	Stevens: Little Pend Oreille NWR	06-Jul-13		MM5
<i>Oarisma garita</i>	Stevens: Little Pend Oreille NWR	06-Jul-13		MM5
<i>Thymelicus lineola</i>	Pend Oreille: Molybdenite Mt.; bunchgrass meadows	17-Aug-13		JB3
<i>Hesperia colorado idaho</i>	Stevens: Little Pend Oreille NWR	06-Jul-13		MM5
<i>Hesperia comma colorado</i>	Stevens: Little Pend Oreille NWR	06-Jul-13		MM5
<i>Hesperia comma manitoba</i>	Chelan: Blue Creek Meadow	24-Jul-13	25-Jul-13	DMC
<i>Hesperia nevada</i>	Okanogan: Sinlahekin Wildlife Area, T37N R25E section 19	04-Jun-13		CL
<i>Polites sabuleti</i>	Spokane: Amber L. tr., Columbia Plateau Trail SP	05-Sep-13		JB3
<i>Ochlodes sylvanoides</i>	Spokane: Mt. Kit Carson; Little Pend Oreille NWR	13-Jul-13		JB3
<i>Ochlodes sylvanoides</i>	Pend Oreille: Molybdenite Mt., bunchgrass mdws.	17-Aug-13		JB3
<i>Euphyes vestris</i>	Cowlitz: Mosquito Creek near Harmony Dr, W of Longview	29-Jun-13		CL
<i>Euphyes vestris</i>	Thurston: Bald Hill	29-Jun-13		AP

<i>Euphyes vestris</i>	STEVENS: Little Pend Oreille NWR	06-Jul-13		MM5
PAPILIONIDAE				
<i>Papilio eurymedon</i>	Thurston: Bald Hill	04-Jun-13		AP
<i>Papilio eurymedon</i>	Stevens: Little Pend Oreille NWR	06-Jul-13		MM5
<i>Papilio rutulus</i>	Thurston: Bald Hill	04-May-13		AP
<i>Papilio rutulus</i>	Stevens: Little Pend Oreille NWR	06-Jul-13		MM5
<i>Papilio zelicaon</i>	Thurston: Bald Hill	11-May-13		AP
<i>Papilio zelicaon</i>	Stevens: Little Pend Oreille NWR	06-Jul-13		MM5
<i>Papilio zelicaon</i>	Spokane: Mt. Kit Carson; Little Pend Oreille NWR	13-Jul-13		JB3
<i>Parnassius clodius</i>	Thurston: Bald Hill	29-Jun-13		AP
<i>Parnassius clodius</i>	Spokane: Mt. Kit Carson; Little Pend Oreille NWR	13-Jul-13		JB3
PIERIDAE				
<i>Pontia occidentalis</i>	Lincoln: Coffepot L.	22-Oct-13		JD2
<i>Pieris marginalis</i>	Thurston: Bald Hill	04-May-13		AP
<i>Pieris rapae</i>	Stevens: Little Pend Oreille NWR	06-Jul-13		MM5
<i>Pieris rapae</i>	Spokane: Mt. Kit Carson; Little Pend Oreille NWR	13-Jul-13		JB3
<i>Pieris rapae</i>	Pend Oreille: Molybdenite Mt., bunchgrass mdws.	17-Aug-13		JB3
<i>Anthocharis sara</i>	Thurston: Bald Hill	04-Jun-13		AP
<i>Anthocharis sara</i>	Stevens: Little Pend Oreille NWR	06-Jul-13		MM5
<i>Colias christina</i>	Stevens: Little Pend Oreille NWR	06-Jul-13		MM5
<i>Colias eurytheme</i>	Stevens: Little Pend Oreille NWR	06-Jul-13		MM5
<i>Colias eurytheme</i>	Spokane: Mt. Kit Carson; Little Pend Oreille NWR	13-Jul-13		JB3
<i>Colias eurytheme</i>	Lincoln: Coffepot L.	22-Oct-13		JD2
<i>Colias interior</i>	Stevens: Little Pend Oreille NWR	06-Jul-13		MM5
<i>Colias philodice</i>	Stevens: Little Pend Oreille NWR	06-Jul-13		MM5
LYCAENIDAE				
<i>Lycaena helloides</i>	Stevens: Little Pend Oreille NWR	06-Jul-13		MM5
<i>Lycaena helloides</i>	Chelan: Blue Creek Meadow	24-Jul-13	25-Jul-13	DMC
<i>Lycaena helloides</i>	Pend Oreille: Molybdenite Mt., bunchgrass mdws.	17-Aug-13		JB3
<i>Lycaena helloides</i>	Lincoln: Coffepot L.	22-Oct-13		JD2
<i>Lycaena heteronea</i>	Chelan: Blue Creek Meadow	24-Jul-13	25-Jul-13	DMC
<i>Lycaena mariposa</i>	Stevens: Little Pend Oreille NWR	06-Jul-13		MM5
<i>Lycaena mariposa</i>	Chelan: Blue Creek Meadow	24-Jul-13	25-Jul-13	DMC
<i>Lycaena mariposa</i>	Pend Oreille: Molybdenite Mt., bunchgrass mdws.	17-Aug-13		JB3
<i>Satyrrium titus</i>	LINCOLN: Twin lakes, nr.	04-Aug-13		JD2
<i>Callophrys augustinus</i>	Thurston: Bald Hill	04-Jun-13		AP
<i>Callophrys gryneus</i>	SPOKANE: Mt Spokane SP	08-Jul-12		JD2
<i>Callophrys gryneus</i>	Thurston: Bald Hill	04-Jun-13		AP
<i>Callophrys gryneus</i>	Spokane: Newman L., N shore	15-Jun-13		JB3
<i>Callophrys mossii</i>	Pend Oreille: Horseshoe L.	18-Apr-13		JD2
<i>Strymon melinus</i>	Thurston: Fossil Rock	04-Jun-11		AP
<i>Strymon melinus</i>	Adams: Sprague L.	09-Aug-13		JB3
<i>Cupido amyntula</i>	Thurston: Scatter Creek Wildlife Area	03-Jun-00		AP
<i>Cupido amyntula</i>	Thurston: Fossil Rock	04-Jun-11		AP
<i>Celastrina echo</i>	Thurston: Bald Hill	04-Jun-13		AP
<i>Celastrina echo</i>	Stevens: Little Pend Oreille NWR	06-Jul-13		MM5
<i>Celastrina echo</i>	Spokane: Mt. Kit Carson; Little Pend Oreille NWR	13-Jul-13		JB3
<i>Glaucopsyche lygdamus</i>	Thurston: Bald Hill	04-Jun-13		AP
<i>Glaucopsyche lygdamus columbia</i>	Stevens: Little Pend Oreille NWR	06-Jul-13		MM5
<i>Glaucopsyche lygdamus columbia</i>	Spokane: Mt. Kit Carson; Little Pend Oreille NWR	13-Jul-13		JB3
<i>Plebejus acmon</i> with David Branch	Asotin: Heller Bar; Snake River	01-Oct-13		RMP
<i>Plebejus anna ricei</i>	Spokane: Mt. Kit Carson; Little Pend Oreille NWR	13-Jul-13		JB3
<i>Plebejus icarioides</i>	Stevens: Little Pend Oreille NWR	06-Jul-13		MM5
<i>Plebejus melissa</i>	Lincoln: Coffepot L.	22-Oct-13		JD2
<i>Plebejus saepiolus</i>	Stevens: Little Pend Oreille NWR	06-Jul-13		MM5
NYMPHALIDAE				
<i>Danaus plexippus</i> Justin Haug	Okanogan: Driscoll Island; Okanogan R.	01-Aug-13		JHS

Danaus plexippus	Lincoln: Hog L., W	06-Aug-13		JD2
Danaus plexippus Lauren Boehnert	Spokane: Spokane	24-Aug-13		JHS
Danaus plexippus Jeff Heinlen	Okanogan: Similkameen R.	27-Aug-13		JHS
Danaus plexippus Reported by Michelle Toshack	SKAGIT: Easy Pass trail, 2.5 mi E of Hwy 20	27-Aug-13		JHS
Coenonympha tullia insulana	Thurston: Bald Hill	04-Jun-13		AP
Cercyonis oetus	Stevens: Little Pend Oreille NWR	06-Jul-13		MM5
Cercyonis pegala	Stevens: Little Pend Oreille NWR	06-Jul-13		MM5
Erebia epipsodea	Spokane: Mt. Kit Carson; Little Pend Oreille NWR	13-Jul-13		JB3
Erebia vidleri	Chelan: Blue Creek Meadow	24-Jul-13	25-Jul-13	DMC
Oeneis chryxus	SKAGIT: Easy Pass	17-Jul-13		MT
Speyeria callippe	Spokane: Mt. Kit Carson; Little Pend Oreille NWR	13-Jul-13		JB3
Speyeria cybele leto	Stevens: Little Pend Oreille NWR	06-Jul-13		MM5
Speyeria hydaspe	Stevens: Little Pend Oreille NWR	06-Jul-13		MM5
Speyeria hydaspe	Spokane: Mt. Kit Carson; Little Pend Oreille NWR	13-Jul-13		JB3
Speyeria hydaspe	Pend Oreille: Molybdenite Mt., bunchgrass mdws.	17-Aug-13		JB3
Speyeria hydaspe	Wahkiakum: Swede Park	19-Sep-13		RTP
Speyeria mormonia	Chelan: Blue Creek Meadow	24-Jul-13	25-Jul-13	DMC
Speyeria mormonia	Pend Oreille: Molybdenite Mt.; bunchgrass meadows	17-Aug-13		JB3
Speyeria zerene	Spokane: Mt. Kit Carson; Little Pend Oreille NWR	13-Jul-13		JB3
Speyeria zerene	Chelan: Blue Creek Meadow	24-Jul-13	25-Jul-13	DMC
Boloria chariclea	Chelan: Blue Creek Meadow	24-Jul-13	25-Jul-13	DMC
Boloria epithore	Thurston: Bald Hill	04-Jun-13		AP
Boloria epithore	Spokane: Mt. Kit Carson; Little Pend Oreille NWR	13-Jul-13		JB3
Boloria epithore	Chelan: Blue Creek Meadow	24-Jul-13	25-Jul-13	DMC
Limenitis archippus	Adams: Sprague L.	09-Aug-13		JB3
Limenitis lorquini	Thurston: Bald Hill	04-Jun-13		AP
Limenitis lorquini	Spokane: Mt. Kit Carson; Little Pend Oreille NWR	13-Jul-13		JB3
Limenitis lorquini burrisonii	Stevens: Little Pend Oreille NWR	06-Jul-13		MM5
Adelpha californica	Wahkiakum: Swede Park	19-Sep-13		RTP
Vanessa atalanta	Lincoln: Coffepot L.	04-Aug-13		JB3
Vanessa atalanta	Wahkiakum: Swede Park	20-Sep-13		RTP
Vanessa atalanta	Lincoln: Coffepot L.	06-Oct-13		JD2
Vanessa cardui	Thurston: Fossil Rock	10-May-09		AP
Vanessa cardui	Spokane: Mt. Kit Carson; Little Pend Oreille NWR	13-Jul-13		JB3
Vanessa cardui	Wahkiakum: Swede Park	20-Sep-13		RTP
Vanessa virginiensis	Wahkiakum: Swede Park	20-Sep-13		RTP
Aglais milberti	Stevens: Little Pend Oreille NWR	06-Jul-13		MM5
Aglais milberti	Spokane: Mt. Kit Carson; Little Pend Oreille NWR	13-Jul-13		JB3
Nymphalis antiopa	Thurston: Bald Hill	04-Jun-13		AP
Nymphalis antiopa	Stevens: Little Pend Oreille NWR	06-Jul-13		MM5
Nymphalis antiopa	Pend Oreille: Molybdenite Mt., bunchgrass mdws.	17-Aug-13		JB3
Nymphalis californica	Thurston: Bald Hill	29-Apr-09		AP
Nymphalis l-album	Spokane: Liberty Lake CP	28-Jul-13		JB3
Polygonia faunus	Pend Oreille: Molybdenite Mt., bunchgrass mdws.	17-Aug-13		JB3
Polygonia gracilis zephyrus	Stevens: Little Pend Oreille NWR	06-Jul-13		MM5
Polygonia gracilis zephyrus	Pend Oreille: Molybdenite Mt., bunchgrass mdws.	17-Aug-13		JB3
Polygonia satyrus	Thurston: Bald Hill	11-May-13		AP
Chlosyne palla	Stevens: Little Pend Oreille NWR	06-Jul-13		MM5
Phyciodes cocyta	Stevens: Little Pend Oreille NWR	06-Jul-13		MM5
Phyciodes mylitta	Thurston: Bald Hill	11-May-13		AP
Phyciodes mylitta	Adams: Sprague L.	09-Aug-13		JB3
Phyciodes mylitta	Lincoln: Coffepot L.	22-Oct-13		JD2
Phyciodes pallida	Okanogan: Sinlahekin Wildlife Area nr Blue Lk, T37N R25E s21	06-Jun-13		CL
Phyciodes pulchella	Stevens: Little Pend Oreille NWR	06-Jul-13		MM5
Phyciodes pulchella	Spokane: Mt. Kit Carson; Little Pend Oreille NWR	13-Jul-13		JB3
Phyciodes pulchella	Chelan: Blue Creek Meadow	24-Jul-13	25-Jul-13	DMC
Euphydryas editha	Chelan: Blue Creek Meadow	24-Jul-13	25-Jul-13	DMC

Moths**TORTRICIDAE**

Phaneta infimbriana candidula	CLALLAM: Obstruction Point Rd	26-Jul-13	VPL
Phaneta tarandana	CLALLAM: Obstruction Point Rd	30-Jul-13	VPL
Acleris effractana	CLALLAM: Dungeness Rec. Area	15-Jul-13	VPL

GEOMETRIDAE

Hesperumia sulphuraria	Clallam: Heart O'The Hills CG	26-Jul-13	VPL
Stenoporia pulmonaria	Clallam: Dungeness Rec. Area	15-Jun-13	VPL
Pero mizon	Clallam: Dungeness Rec. Area	28-Jul-13	VPL
Campaea perlata	Clallam: Heart O'The Hills CG	24-Jul-13	VPL
Caripeta aequaliaria	Clallam: Heart O'The Hills CG	02-Aug-13	VPL
Sicya macularia	Clallam: Dungeness Rec. Area	15-Jul-13	VPL
Enypia packardata	Clallam: Dungeness Rec. Area	15-Jul-13	VPL
Rheumaptera undulata undalata	Clallam: Heart O'The Hills CG	30-Jul-13	VPL
Mesoleuca gratulata	Clallam: Elwa R., mouth	28-Mar-13	VPL
Trichodezia albivittata	SPOKANE: Mt. Kit Carson; Little Pend Oreille NWR	13-Jul-13	JB3

SATURNIIDAE

Hemileuca eglanterina	Spokane: Newman L., N shore	15-Jun-13	JB3
Hemileuca eglanterina	Spokane: Mt. Kit Carson; Little Pend Oreille NWR	13-Jul-13	JB3

SPHINGIDAE

Hemaris thetis	Okanogan: Sinlahekin Wildlife Area, Upper Sinlahekin Cr. Rd.	04-Jun-13	CL
Hemaris thetis	Spokane: Mt Spokane SP	13-Jul-13	JB3
Proserpinus clarkiae	THURSTON: Bald Hill	18-May-11	AP

NOTODONTIDAE

Oligocentria pallida	Clallam: Dungeness Rec. Area	31-Jul-13	VPL
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EREBIDAE

Lophocampa argentata	Clallam: Sequim	28-Jul-13	VPL
Scoliopteryx libatrix	Clallam: Sequim	23-Aug-13	SH1

NOCTUIDAE

Alypia langtoni	Clallam: Hurricane Ridge	06-Jul-13	SH1
Alypia langtoni	CLALLAM: Obstruction Point Rd	10-Jul-13	VPL
Androloma maccullochii	Clallam: Obstruction Point Rd	05-Jul-13	VPL
Androloma maccullochii	Clallam: Obstruction Point Rd	19-Jul-13	SH1
Eutricopis nexilis	CLALLAM: Hurricane Hill	14-Jun-09	SH1

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

VXA : Valeriu Albu	NA : Noah Arthur	DB1 : Dave Bartholomew
WB2 : William Beck	JPB : James P. Brock	DBG : Diane Brodeur & Robert Gorman
HB : Hank Brodtkin	MB1 : Matthew Brown	RSB : Richard M. & Sam Brown
RB2 : Ray Bruun	RBS : Ray Bruun & Rob Santry	PC1 : Paul Cherubini
KD : Ken Davenport	JAD : John A DeBenedictis	JFE : John F. Emmel
WBG : Walter B. Gerard	JG1 : Josiah Gilbert	GG : Glenn Gorelick
AG : Alex Grkovich	FH : Fred Heath	KGH : Kevin G. Hints
DH5 : Dennis Holmes	TH1 : Tom Horton	PGJ : Paul G. Johnson II
GJ : Gary Jue	KK : Ken Kertell	MK2 : Mary Klinkel
JL2 : John Lane	MM4 : Mary Maki	SOM : Sterling O. Mattoon
RPM : Richard P. Meyer	GM2 : Gail Morris	JGP : John G. Pasko
SR : Stephen Randall	KMR : Kelly M. Richers	AR : Arilene Ripley
KR : Kilian Roever	RS3 : Rob Santry	AS2 : Alan Schmierer
AMS : Arthur M. Shapiro	KS1 : Kojiro Shiraiwa	PS3 : Pete Spino
RES : Ray E. Stanford	MW : Mark Walker	WMY : William Yake

General Comments:

ARIZONA

The state had rainfall that was inconsistent in terms of timing and distribution within the state with good late summer rains in the Flagstaff and Kingman areas. The summer rains in southeast Arizona made for good species numbers on butterfly counts but relatively few influx species or strays appeared during the chubasco season. The exception was the "Elf", *Microtia elva* which was reported in numbers by many observers and which appears to be becoming at least transiently established in the region. A representative number of those are included in this report. Six new COUNTY records were reported for the state.

Butterflies

HESPERIIDAE

<i>Piruna pirus</i> Larvae on <i>Agropyron repens</i>	Graham: Shannon Campground	20-Aug-13		JPB
<i>Amblyscirtes tolteca prenda</i> Photo confirms ID.	Cochise: Hereford, Carr Cyn. Rd.	19-Aug-13		HB
<i>Ancyloxypha arene</i>	MARICOPA: South shore, Apache Lake	04-Apr-13		WB2
<i>Copaeodes minima</i> Photo confirms ID.	PIMA: Lukeville	20-Oct-13		TH1
<i>Hesperia woodgatei</i> Scarce, difficult to net or observe.	Mohave: Hilltops, Hualapai Mtn. Park	01-Oct-13	02-Oct-13	KD
<i>Atrytonopsis python</i>	Pima: Lower Madera Cyn., Santa Rita Mts.	28-Apr-13		GJ
<i>Calpododes ethlius</i>	Cochise: Sawmill Cyn., Huachuca Mts.	31-Jul-13		KK
<i>Agathymus gentryi</i>	Pima: Bull Pasture, Ajo Mtn Dr, Organ Pipe Cactus NM	20-Oct-13		TH1

PAPILIONIDAE

<i>Papilio machaon bairdii</i>	Gila: Highway Tank	05-Apr-13	27-Apr-13	KR
<i>Papilio machaon bairdii</i>	Gila: Glade Tank	05-Apr-13		KR
<i>Papilio machaon bairdii</i>	Gila: Seneca Lake	05-Apr-13		KR
<i>Papilio machaon bairdii</i>	Gila: Indian Peak Lookout	07-Apr-13		KR
<i>Papilio machaon bairdii</i>	Gila: Baskin Tank	27-Apr-13		KR
<i>Papilio machaon bairdii</i>	GRAHAM: 7 mi. SSW of Point of Pines	28-Apr-13		KR

PIERIDAE

<i>Ganyra howarthi</i>	SANTA CRUZ: Patagonia	10-Aug-13		KK
<i>Anteos clorinde</i> MW also witnessed this sighting.	Santa Cruz: Red Mtn. Rd., Harshaw area	03-Aug-13		AG
<i>Anteos clorinde</i>	Santa Cruz: Turkey Creek, Canelo	23-Aug-13		GM2

LYCAENIDAE

<i>Strymon istapa clenchi</i>	La Paz: Black Butte area 19 mi. N of Wenden	24-Oct-13	14-Nov-13	TH1
<i>Zizula cyna</i> Numerous larvae on <i>Dyschoriste linearis</i> in yard	Pima: 0.5 mi. south of Sabino Cyn., Tucson	01-Oct-13	15-Oct-13	JPB
<i>Glaucopsyche lygdamus</i>	Graham: Bobtail Tank	28-Apr-13		KR

RIODINIDAE

<i>Apodemia nais</i>	Graham: West Peak Hurricane Pass Tr. 8500', Pinaleno Mts.	01-Jun-13		AR
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NYMPHALIDAE

<i>Danaus eresimus montezuma</i>	Cochise: Cottonwood Cyn., 31 mi. E of Douglas	15-Oct-13		KR
<i>Paramacera xicaque allyni</i> One individual seen following recent forest fire.	Cochise: Huachuca Mts., Comfort Springs	14-Jun-13		KK
<i>Paramacera xicaque allyni</i> Five individuals seen following recent forest fire.	Cochise: Chiricahua Mts., Barefoot Park	05-Jul-13		KK
<i>Euptoieta claudia</i> Very strong flight following summer rains	Mohave: DW Ranch Rd above I-40, Hualapai Mts foothills	02-Oct-13		KD
<i>Euptoieta claudia</i>	La Paz: Black Butte area 19 mi. N of Wenden	24-Oct-13	14-Nov-13	TH1
<i>Mestra amymone</i>	Santa Cruz: Sycamore Canyon off Ruby Rd.	30-Oct-12		AS2
<i>Myscelia cyananthe skinneri</i>	Santa Cruz: California Gulch	19-Apr-13		MB1
<i>Myscelia cyananthe skinneri</i> Two photos by Bill & Mary Adams.	Santa Cruz: Red Mtn. Rd. near Patagonia	20-Oct-13		FH
<i>Polygonia interrogationis</i>	Santa Cruz: Patagonia Lake	28-Oct-12		AS2
<i>Chlosyne californica</i> Adult ovipositing on <i>Viguiera stenoloba</i> ; one pupa emerged 1-Apr-2013.	Pima: 0.5 mi. south of Sabino Cyn., Tucson	02-Oct-12		JPB
<i>Chlosyne californica</i>	Maricopa: Chandler (I-10 & Ray Rd.)	29-Mar-13	06-Apr-13	GM2
<i>Chlosyne californica</i>	Pima: Mt. Lemmon, MP 2, Santa Catalina Mts.	07-Apr-13		JPB
<i>Chlosyne californica</i>	Pinal: Boyce Thompson Arboretum nr. Superior	17-Apr-13		GM2
<i>Chlosyne californica</i>	Santa Cruz: California Gulch	20-Oct-13		AS2
<i>Chlosyne cyneas</i>	Pima: Mt. Lemmon nr. Red Ridge Trailhead, 8500'	30-Apr-13		WB2
<i>Chlosyne nycteis drusius</i> Larvae on <i>Rudbeckia lacinata</i> .	Greenlee: 4 mi. S of Hannagan Meadow	08-May-13		JPB

Microtia elva Twenty- five counted on latter date butterfly count.	Pima: Santa Rita Mts: Madera, Florida, Box, Gardiner	28-Jul-13	29-Sep-13	MK2
Microtia elva Collected by Larry Bronson	Santa Cruz: Montosa Canyon, Santa Rita Mts.	01-Sep-13		RPM
Microtia elva Host plant Tetramerium nervosum prevalent at this location.	Santa Cruz: Montosa Canyon, Santa Rita Mts.	27-Sep-13		JPB
Microtia elva High elevation.	Cochise: Huachuca Mts.: Sawmill Canyon	07-Oct-13		KK
Microtia elva Photos by Bill & Mary Adams, North range extension, new mountain range.	Pima: Molino Basin, Santa Catalina Mts.	13-Oct-13		FH
Microtia elva Late flight date for AZ.	Santa Cruz: Montosa Canyon, Santa Rita Mts.	29-Oct-13		KK
Dymasia dymas	LA PAZ: Alamo Rd., MP 19	24-Oct-13		TH1

CALIFORNIA

The state was one of the driest on record but rainfall in the eastern Mojave Desert in late summer and fall and Colorado Desert in the spring and late summer led to unusual fall flights. Neumoegen's Checkerspot (*Chlosyne acastus neumoegeni*) had very poor flights or was absent in the normal springtime flight period in its desert habitats, but flew in numbers in the fall in the eastern Mojave Desert and eastern edge of the Owens Valley and on the west slope of the White Mts. east of Big Pine. Six new COUNTY records for species and two for subspecies were reported for the state.

Butterflies

HESPERIIDAE

Systasea zampa	Riverside: Chuckwalla Mts.	22-Apr-13		MW
Erynnis brizo lacustra	San Benito: Laguna Mtn. Trail, 3200'...Coast Ranges	09-May-13	10-May-13	PGJ
Erynnis icelus	DEL NORTE: G-O Rd.	14-Jun-13		SOM
Heliopetes ericetorum LATE flight date for CA..	San Diego: Box Canyon, Anza-Borrego State Park	26-Nov-13		DBG
Amblyscirtes vialis	Shasta: Cline Gulch, 15 mi. W of Redding	13-Apr-13		RSB
Lerodea eufala	Tehama: South of Coleman Nat'l Fish Hatchery	29-Sep-13		RS3
Lerodea eufala	Tehama: South of Coleman Nat'l Fish Hatchery	07-Oct-13		DH5
Lerodea eufala	Shasta: South side of Coleman Forebay	11-Oct-13		DH5
Copaeodes aurantiaca LATE flight date for CA.	San Diego: Box Canyon, Anza-Borrego State Park	26-Nov-13		DBG
Hylephila phyleus Most individuals resemble form "muertovalle" from Death Valley.	Kern: Ridgecrest	10-Sep-13		KD
Hesperia columbia	San Benito: Laguna Mtn. Trail, 3200'...Coast Ranges	09-May-13		PGJ
Hesperia lindseyi	San Benito: Laguna Mtn. Trail, 3200'...Coast Ranges	09-May-13		PGJ
Poanes melane	Tulare: Crystal Cave, Sequoia Nat'l Park	20-May-13		WMY
Poanes melane LATE flight date for state by Robert Gorman.	Orange: San Clemente	31-Dec-13		DBG
Euphyes vestris harbisoni Five individuals seen following recent forest fire.	San Diego: Sutherland Lake nr. Ramona	02-Jun-13		KS1

PAPILIONIDAE

Papilio crespontes	ALAMEDA: Courtland Creek, Oakland	06-Jun-13		NA
Papilio crespontes Female ovipositing on Australian Willow (<i>Geijera parviflora</i>), new host.	Los Angeles: Near Beverly Center, central Los Angeles	25-Aug-13		GG
Papilio crespontes	Ventura: Conejo Park, Thousand Oaks	02-Oct-13		MM4
Papilio indra pergamus Apparent stray from nearby San Bernardino Mts. in ssp. <i>fordi</i> territory.	San Bernardino: Granite Mts. near Rabbit Dry Lake	12-Apr-13		NA
Papilio polyxenes coloro Common following summer rains	San Bernardino: Providence Mts., Foshay Pass area	24-Sep-13		JPB
Parnassius smintheus sternitzkyi EARLY flight date for state.	Trinity: Near summit of Scott Mtn.	22-Jun-13		DH5

PIERIDAE

Anthocharis cethura catalina Accompanied by Todd Stout.	Los Angeles: Hills behind Avalon, Santa Catalina Island	12-Mar-13		MW
Colias occidentalis chrysomelas	Shasta: Near Buckhorn Summit, Hwy. 299	04-May-13		RB2
Zerene cesonia Female collected by C. D. MacNeill. Specimen at UC Berkeley Essig Museum of Entomology. June 1938 was the only date.	ALAMEDA: Oakland	15-Jun-38		NA
Zerene cesonia	Imperial: Lower Devil's Canyon	03-Apr-13		MW
Zerene cesonia	Riverside: Chuckwalla Mts.	22-Apr-13		MW
Kricogonia lyside	Imperial: Lower Devil's Canyon	03-Apr-13		MW

LYCAENIDAE

Lycaena nivalis EARLY flight date for state.	Tulare: Quaking Aspen	02-Jun-13		KD
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<i>Callophrys eryphon purpurascens</i>	Contra Costa: East Ridge Trail, Redwood Regional Park.	11-Apr-13		KGH
<i>Callophrys muiri</i>	Lake: Gullies top Walker Ridge Rd.	28-Apr-13		DH5
Accompanied by RS3.				
<i>Callophrys muiri</i>	Colusa: Gullies top Walker Ridge Rd.	28-Apr-13		DH5
Accompanied by RS3.				
<i>Callophrys sheridanii lemberti</i>	Inyo: Onion Valley above trailhead to Kearsarge Pass	19-May-13		KD
Several collected, new locality.				
<i>Callophrys spinetorum</i>	San Luis Obispo: Navajo Flat, Coast Ranges	27-Aug-13		SR
<i>Callophrys spinetorum</i>	San Luis Obispo: Near Jct. Red Hill & Pozo Rds., Coast Ranges	17-Sep-13		KD
<i>Strymon istapa clenchi</i>	Riverside: Chuckwalla Mts.	22-Apr-13		MW
<i>Strymon istapa clenchi</i>	Kern: Paul's Place, Weldon	23-Oct-13		SR
Second Kern County record. ID verified in field by KD.				
<i>Ministrymon leda</i>	San Diego: Vallecitos	24-Nov-13		DBG
LATE flight date for state.				
<i>Hemiargus ceraunus gyas</i>	San Diego: Box Cyn., Anza Borrego State Park	26-Nov-13		DBG
LATE flight date for state.				
<i>Euphilotes enoptes aridorum</i>	PLUMAS: Below Frenchman's Reservoir	07-Jul-13		JL2
Associated with <i>Eriogonum elatum</i> , the host of this ssp.				
<i>Euphilotes enoptes dammersi</i>	San Diego: Sunrise Scenic Hwy. (S1), 5500', 10 mi. S Julian	01-Oct-13		AS2
<i>Euphilotes glaucon intermedia</i>	ALPINE: Trail above Clark Fork Rd. meadow at end of road.	27-Jul-10		DB1
Identified from photo by KD who found <i>intermedia</i> in nearby Tuolumne Co.. in 2009				
<i>Euphilotes pallescens calneva</i>	Lassen: NW side Turtle Mtn., Fort Sage Mts.	20-Aug-13		RS3
Forty individuals seen, LATE flight extension.				
<i>Glaucoopsyche lygdamus sabulosa</i>	San Luis Obispo: Cuesta Ridge	30-Apr-13		KD
Some individuals resemble subspecies <i>xerces</i> .				
<i>Glaucoopsyche piasus sagittigera</i>	San Bernardino: Wrightwood	22-Apr-13		KD
Abundant, reported by Andrew Kim.				
<i>Plebejus emigdionis</i>	Kern: Weldon, Paul's Place	23-Oct-13		KD
One female collected at a very LATE date for the species.				
<i>Plebejus glandon kelsoni</i>	Siskiyou: South end of Caribou Lakes Trinity Alps	13-Jul-13		DH5
EARLY for <i>kelsoni</i> , described as a ssp. of <i>P. cassiope</i> in 1998.				
<i>Plebejus lupini monticola</i>	San Luis Obispo: 4-5 mi. E of Santa Margarita nr. Jct. Hwy. 229 N.	30-Apr-13		KD
<i>Plebejus lupini monticola</i>	San Luis Obispo: Navajo Flat, Coast Ranges	30-Apr-13		KD
<i>Plebejus podarce cilla</i>	Tulare: Quaking Aspen	02-Jun-13		KD
EARLY flight date for the species in state, new locality.				
RIODINIDAE				
<i>Calephelis nemesis dammersi</i>	Santa Barbara: Santa Barbara Botanical Garden	19-Apr-13		DB1
<i>Apodemia mejicanus deserti</i>	San Diego: Vallecito	24-Nov-13		DBG
LATE flight date for <i>deserti</i> in state.				
<i>Apodemia mormo</i>	Alameda: Below summit, W side Maguire Peaks, 1688'	24-Aug-13		KGH
Coast Ranges segregate black phenotype.				
<i>Apodemia mormo</i>	San Luis Obispo: Navajo Flat to Navajo Camp, Coast Ranges	27-Aug-13	17-Sep-13	KD
Cythera group, wide array of phenotypes (<i>cythera</i> , black <i>mormo</i> , <i>virgulti</i> , near <i>langei</i>)				
<i>Apodemia mormo</i>	San Luis Obispo: Shell Creek Rd. 0.8 mi. N Hwy. 58	29-Aug-13		JG1
Cythera group, wide array of phenotypes (<i>cythera</i> , black <i>mormo</i> , <i>virgulti</i> , near <i>langei</i>).				
<i>Apodemia mormo</i>	San Luis Obispo: La Panza Camp to Pozo & Red Hill Rds. Jct.	03-Sep-13	17-Sep-13	KD
Cythera group, wide array of phenotypes (<i>cythera</i> , black <i>mormo</i> , <i>virgulti</i> , near <i>langei</i>).				
<i>Apodemia mormo</i>	San Luis Obispo: Branch Rd. 1.1 S Hwy. 46, 5 mi. E Paso Robles	03-Sep-13		JG1
Variable phenotypes of different patterns and colors.				
<i>Apodemia virgulti</i>	San Luis Obispo: Hi Mountain, mid elevation.	27-Aug-13	17-Sep-13	KD
Orange phenotype, identification tentative pending further study.				
<i>Apodemia virgulti davenporti</i>	Tulare: Brush Creek Heliport, Sherman Pass Rd.	24-Apr-13		KD
Second record since 2002 forest fire on Sherman Pass Rd.				
<i>Apodemia virgulti davenporti</i>	Tulare: Dry Creek 4317', Sherman Pass Rd. E of Kern River	24-Apr-13		KD
First record since 2002 forest fire on Sherman Pass Rd.				
NYMPHALIDAE				
<i>Libytheana carinenta streckeri</i>	San Diego: Upper Plum Canyon, Anza Borrego SP	22-Jan-13		PS3
Can be seen as a very LATE or EARLY flight date, unusual in CA.				
<i>Danaus gilippus thersippus</i>	Fresno: Sierra School, 27444 Tollhouse Rd., Tollhouse	16-Aug-13		PC1
<i>Danaus gilippus thersippus</i>	San Luis Obispo: Red Hill Rd. just SE Navajo Flat, Coast Ranges.	03-Sep-13		KD
<i>Danaus gilippus thersippus</i>	San Luis Obispo: W of Pozo Station stream crossing base of Hi Mtn	17-Sep-13		KD
<i>Danaus plexippus</i>	San Luis Obispo: Cayucos	09-Oct-13		PC1
Tagged by Joe Billings in Hereford, Cochise Co., AZ on 15-Sep-2013.				
<i>Danaus plexippus</i>	San Luis Obispo: San Simeon	20-Oct-13		GM2
Tagged by Joe Billings in Elgin, Santa Cruz Co., AZ on 20-Sep-2013. Recovered by Lora Newby.				

Danaus plexippus	San Luis Obispo: Pismo Beach	13-Nov-13	PC1
Tagged by Gail Morris in Canelo, Santa Cruz Co., AZ on 14-Sep-2013.			
Danaus plexippus	San Luis Obispo: Black Lake	18-Nov-13	GM2
Tagged by Joe Billings in Elgin, Santa Cruz Co., AZ on 20-Sep-2013. Recovered by Jessica Griffiths.			
Oeneis chryxus ivalda	Nevada: Castle Peak	08-Jun-13	NA
EARLY flight date for this subspecies.			
Agraulis vanillae incarnata	MERCED: Santa Nella Holiday Inn Express	09-Sep-08	RES
First substantiated record for this county			
Agraulis vanillae incarnata	SAN BENITO: Hollister	24-Oct-09	PGJ
Agraulis vanillae incarnata	Tulare: Visalia	01-Apr-13	SR
Agraulis vanillae incarnata	Kern: Wofford Heights, Lake Isabella	29-Jun-13	FH
Butterfly Count sighting, new for Kern River Valley.			
Agraulis vanillae incarnata	Merced: Near Santa Nella	21-Aug-13	05-Sep-13 NA
Seen, confirmatory.			
Agraulis vanillae incarnata	Placer: Sierra Nevada foothills 7 mi. W Placerville	18-Oct-13	PC1
Rare in Sierra Nevada foothills.			
Speyeria hesperis cottlei	Shasta: Hwy. 89 near Pondosa	02-Jun-13	RBS
EARLY flight date for this subspecies.			
Speyeria hesperis cottlei	Siskiyou: Bear Creek	02-Jun-13	RBS
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Asterocampa celtis	INYO: 329 Skyline Dr., Cow Creek, Death Valley NP	12-Jun-12	KD
Photo of dead individual by Jay Snow.			
Asterocampa celtis	INYO: 329 Skyline Dr., Cow Creek, Death Valley NP	27-Jun-13	KD
Photo and observation of live individual by Jay Snow.			
Poladryas arachne monache	Tulare: Hillside south of Fish Crk. Camp, Sherman Pass Rd.	01-Jun-13	KD
Collected one fresh female; monache rarely seen since forest fire in year 2000.			
Chlosyne acastus neumoegeni	San Bernardino: Providence Mts., Foshay Pass area	24-Sep-13	JPB
Abundant in unusual fall flight following summer rains.			
Chlosyne acastus neumoegeni	San Bernardino: Mountain Pass off Interstate 15	29-Sep-13	JGP
Abundant in unusual fall flight following summer rains.			
Chlosyne acastus neumoegeni	San Bernardino: Kelbaker Rd. off Interstate 40	29-Sep-13	KD
Unusual fall flight, reported by David K. Faulkner.			
Chlosyne acastus neumoegeni	Inyo: Hwy. 168 upgrade to Westgard Pass E Big Pine	06-Oct-13	RPM
Abundant in unusual fall flight following summer rains.			
Chlosyne californica	Riverside: Hemet	08-Oct-13	JFE
Chlosyne leanira wrighti	Tulare: Rd. to Brush Crk. Near heliport at Dry Crk. Cyn.	24-Apr-13	KD
Several encountered; population reappearing here after forest fire in 2002; ssp. wrighti.			
Chlosyne leanira wrighti	Tulare: Dry Creek Cyn., 4317', Sherman Pass Rd.	24-Apr-13	KD
Several encountered; population reappearing here after forest fire in 2002; ssp. wrighti.			
Chlosyne leanira wrighti	Ventura: Mutau Flat Rd., 2.25 mi. S Lockwood Valley Rd.	04-May-13	PGJ
Dymasia dymas imperialis	San Diego: Scissors Crossing, Anza Borrego SP area	16-Sep-13	13-Oct-13 KS1
Dymasia dymas imperialis	Riverside: Hemet	08-Oct-13	JFE
Euphydryas chalcedona kingstonensi	San Bernardino: Providence Mts., Foshay Pass area	24-Sep-13	JPB
Rare fall flight.			

Moths

NEPTICULIDAE

Stigmella variella	Madera: O'Neals, 1500 ft.	02-Jun-13	VXA
at MV light;			

ADELIDAE

Adela flammeusella	Kern: Kern Cyn, 1 mi E entrance, 1125'	25-Mar-13	KMR
in daylight			

ACROLOPHIDAE

Amydria confusella	Madera: O'Neals, 1500 ft.	02-Nov-13	VXA
at MV light;			

TINEIDAE

Nemapogon defectella	Madera: O'Neals, 1500 ft.	26-Apr-13	VXA
at MV light;			
Homosetia marginimaculella	Madera: O'Neals, 1500 ft.	11-May-13	VXA
at MV light;			
Tinea niveocapitella	Yolo: Davis	13-Apr-13	JAD

GRACILLARIIDAE

Caloptilia ovatiella	Madera: O'Neals, 1500 ft.	15-Mar-13	VXA
at MV light;			

ELACHISTIDAE

Agonopterix posticella	Madera: O'Neals, 1500 ft.	29-Mar-13	VXA
at MV light;			

GELECHIIDAE				
Symmetrischema striatella at MV light;	Madera: O'Neals, 1500 ft.		02-Nov-13	VXA
Keiferia lycopersicella at MV light;	Madera: O'Neals, 1500 ft.		02-Jun-13	VXA
Chionodes acrina at MV light;	Madera: O'Neals, 1500 ft.		02-Feb-13	VXA
Chionodes lector	Yolo: Davis		13-Mar-13	JAD
Aroga camptogramma	Yolo: Davis		16-Jun-12	JAD
Battaristis concinusella at MV light;	Madera: O'Neals, 1500 ft.		15-Jun-13	VXA
COSMOPTERIGIDAE				
Anoncia slaes at mV light;	Madera: O'Neals, 1500 ft.		26-Apr-13	VXA
Sorhagenia nimbosea	Solano: Stebbins Cold Cyn Reserve		13-May-13	JAD
ALUCITIDAE				
Alucita montana	Yolo: Davis		18-Jun-12	JAD
PLUTELLIDAE				
Plutella porrectella at UV light;	San Luis Obispo: Shell Creek Rd., off Hwy. 58;		12-Mar-13	VXA
CRAMBIDAE				
Chrysoteuchia topiaria vachellella	Yolo: Davis		23-Jun-12	JAD
Mimorista trimaculalis at MV light;	Madera: O'Neals, 1500 ft.		02-Jun-13	VXA
Noctueliopsis puertalis flushed from flowers at day;	San Luis Obispo: Shell Creek Rd., off Hwy. 58;		12-Mar-13	VXA
Petrophila confusalis at MV light;	Madera: O'Neals, 1500 ft.		02-Jul-13	VXA
Pyrausta perrubralis shastanalisis bl trap	Modoc: Cedar Pass, Warner Mts, 6300'		10-Aug-13	KMR
PYRALIDAE				
Acrobasis comptella at MV light;	Madera: O'Neals, 1500 ft.		02-Jun-13	VXA
Sarata pullatella	Yolo: Davis		20-Sep-10	JAD
PTEROPHORIDAE				
Lioptilodes albistriolatus at MV light;	Madera: O'Neals, 1500 ft.		20-Apr-13	VXA
SESIIDAE				
Penstemonia henei pheromone trap	San Luis Obispo: 7.2 mi E Morro Bay, 965'		18-May-13	19-Jun-13 KMR
Alcathoe verrugo pheromone trap	San Luis Obispo: 7.2 mi E Morro Bay, 965'		22-Jun-13	22-Aug-13 KMR
CHOREUTIDAE				
Caloreas apocynoglossa diurnal, on forest road;	San Luis Obispo: Cambria;		11-Apr-13	VXA
TORTRICIDAE				
Rhyacionia zozana	Solano: Stebbins Cold Cyn Reserve		27-Feb-13	JAD
Phaneta latens diurnal, flushed from vegetation;	Ventura: Lockwood Valley Rd.;		12-Apr-13	VXA
Eucosma biplagata bl trap	Ventura: Mt Pinos, Seymour Cr Rd		30-Aug-13	KMR
Proteoteras aesculana	Solano: Stebbins Cold Cyn Reserve		02-Apr-13	JAD
Pseudexentera habrosana at MV light;	Madera: O'Neals, 1500 ft.		27-Feb-13	VXA
Epinotia bigemina	Solano: Stebbins Cold Cyn Reserve		12-Nov-13	JAD
Epinotia signiferana at MV light;	Madera: O'Neals, 1500 ft.		02-Nov-13	VXA
Grapholita lunatana diurnal, on trail;	Madera: Lewis Creek Trail, Sierra N.F., Oakhurst;		04-May-13	VXA
Cydia prosperana	Solano: Stebbins Cold Cyn Reserve		09-May-12	JAD
Croesia albicomana	Solano: Stebbins Cold Cyn Reserve		13-May-13	JAD
GEOMETRIDAE				
Macaria adonis	San Luis Obispo: 6 mi. E of Paso Robles		27-Aug-13	JG1
Digrammia californiaria bl trap	Modoc: Cedar Pass, Warner Mts, 6300'		06-Aug-13	KMR

<i>Pterotaea lamiaris</i>	Solano: Stebbins Cold Cyn Reserve	02-Jul-91	JAD
<i>Anacamptodes clivinaris</i>	Yolo: Davis	20-Jul-12	JAD
<i>Acanthotoca graefi</i>	Yolo: Davis	06-Nov-13	JAD
<i>Synaxis hirsutaria</i>	Yolo: Davis	04-Nov-05	JAD
<i>Sabulodes aegrotata</i>	Yolo: Davis	03-Apr-12	JAD
<i>Scopula luteolata</i> flushed from vegetation at day;	San Luis Obispo: Shell Creek Rd., off Hwy.58;	12-Mar-13	VXA
<i>Leptostales rubromarginaria</i> diurnal, flushed from vegetation;	Madera: Lewis Creek Trail, Sierra N.F., Oakhurst;	04-May-13	VXA
<i>Dysstroma suspectata</i> at MV light;	San Luis Obispo: Cambria;	11-Apr-13	VXA
<i>Eustroma semiatrata</i>	Yolo: Davis	06-Nov-13	JAD
<i>Stamnodes affiliata</i>	San Luis Obispo: 6 mi. E of Paso Robles	10-Oct-13	JG1
<i>Stamnodes albiapicata</i> bl and white light	San Luis Obispo: 6 mi. E of Paso Robles	31-Dec-12	JG1
<i>Stamnodes cassinoi</i>	Solano: Stebbins Cold Cyn Reserve	13-Jan-12	JAD
<i>Stamnoctenis costimacula</i> diurnal, flushed from vegetation;	Madera: Willow Creek Trail, Bass Lake;	31-Mar-13	VXA
<i>Eupithecia subapicata</i>	Yolo: Davis	24-Mar-12	AMS
SPHINGIDAE			
<i>Manduca quinquemaculatus</i>	San Luis Obispo: 6 mi. E of Paso Robles	06-Jul-12	JG1
<i>Manduca sexta</i>	San Luis Obispo: 6 mi. E of Paso Robles	28-Jul-12	JG1
<i>Hemaris diffinis</i> nectaring on gooseberry flowers;	Fresno: Sample Meadow Trail, Kaiser Wilderness;	30-Jun-13	VXA
EREBIDAE			
<i>Idia americalis</i>	San Luis Obispo: 6 mi. E of Paso Robles	10-Aug-12	JG1
<i>Idia occidentalis</i> at white light	San Luis Obispo: 6 mi. E of Paso Robles	29-Jun-12	JG1
<i>Litoprosopus coachella</i> at white light	San Luis Obispo: 6 mi. E of Paso Robles	13-Aug-13	JG1
<i>Caenurgina erechtea</i>	San Luis Obispo: 6 mi. E of Paso Robles	21-May-12	JG1
<i>Caenurgina erechtea</i> at MV light;	Madera: O'Neals, 1500 ft.	15-Mar-13	VXA
<i>Zale rubi</i> bl and white light	San Luis Obispo: 6 mi. E of Paso Robles	31-May-13	JG1
<i>Zale termina</i>	San Luis Obispo: 6 mi. E of Paso Robles	03-Sep-13	JG1
<i>Catocala faustina</i>	San Luis Obispo: 6 mi. E of Paso Robles	06-Sep-11	JG1
<i>Catocala ilia zoe</i>	San Luis Obispo: 6 mi. E of Paso Robles	13-Jun-12	JG1
<i>Catocala piatrix</i>	San Luis Obispo: 6 mi. E of Paso Robles	20-Sep-11	JG1
<i>Catocala semirelictata</i> bl	San Luis Obispo: 6 mi. E of Paso Robles	17-Oct-12	JG1
<i>Catocala verrilliana</i> bl and white light	San Luis Obispo: 6 mi. E of Paso Robles	09-Jun-12	JG1
NOCTUIDAE			
<i>Sympistis definita</i>	Ventura: Mt Pinos, Seymour Cr Rd, 7225'	30-Aug-13	KMR
<i>Sympistis dischorda</i>	Kern: Mt Pinos Hwy, 6600'	30-Aug-13	KMR
<i>Sympistis mirificalis</i>	Kern: Mt Pinos, W of Mt Pinos CG, 7915'	30-Aug-13	KMR
<i>Sympistis poliochroa</i>	Ventura: Mt Pinos, Seymour Cr Rd, 7225'	30-Aug-13	KMR
<i>Stylopoda cephalica</i> diurnal, on flowers;	Ventura: Lockwood Valley Rd.;	12-Apr-13	VXA
<i>Amphipyra brunneoatra</i>	San Luis Obispo: 6 mi. E of Paso Robles	15-Jun-12	JG1
<i>Annaphila ida</i> diurnal, nectaring on flowers;	Ventura: Lockwood Valley Rd.;	12-Apr-13	VXA
<i>Annaphila pseudoastrologa</i> diurnal, on flowers;	San Luis Obispo: Shell Creek Rd., off Hwy. 58;	12-Mar-13	VXA
<i>Heliothis virescens</i>	San Luis Obispo: 6 mi. E of Paso Robles	05-Jul-12	JG1
<i>Draudtia andrena</i>	Riverside: Sage Powerline Rd, coastal scrub 2320'	21-Jan-13	WBG
<i>Draudtia leucorena</i>	San Luis Obispo: 6 mi. E of Paso Robles	21-Aug-12	24-Aug-12 JG1
<i>Oligia violacea</i>	Solano: Stebbins Cold Cyn Reserve	13-Jun-12	JAD
<i>Xylena cineritia</i> resting at day under MV light;	Mariposa: Wawona, Chowchilla Mts.;	06-Apr-13	VXA
<i>Homoglaea carbonaria</i> at UV light;	San Luis Obispo: 6 mi. E of Paso Robles	12-Feb-13	JG1
<i>Agrochola purpurea</i>	Madera: O'Neals, 1500 ft.	09-Nov-13	VXA

Andropolia theodori epichysis	Modoc: Cedar Pass, Warner Mts, 6300'	06-Aug-13	KMR
Orthosia behrensiana	San Luis Obispo: Montana de Oro SP, dunes 310'	01-Feb-13	KMR
Orthosia transparens	San Luis Obispo: Montana de Oro SP, dunes 310'	01-Feb-13	KMR
Egira crucialis resting at day under MV light;	Mariposa: Wawona, Chowchilla Mts.;	06-Apr-13	VXA
Euxoa declarata	Kern: Mt Pinos, FR9N15, 6200'	30-Aug-13	KMR
Xestia c-nigrum	Modoc: W side Cedar Pass, Warner Mts, 5600'	10-Aug-13	KMR
Setagrotis radiola	Kern: Mt Pinos Hwy, 6600'	30-Aug-13	KMR
Abagrotis denticulata	Modoc: Cedar Pass, W side, Warner Mts, 5600'	10-Aug-13	KMR

HAWAII

William Yake reported some of his photographic finds for the Island of Maui. A couple of them were not real cooperative for close observation.

Butterflies

HESPERIIDAE

Hylephila phyleus	Maui: St. Joseph's Church, dry side of east Maui	08-Apr-13	WMY
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PAPILIONIDAE

Papilio xuthus	Maui: Kehei, west Maui	07-Apr-13	WMY
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LYCAENIDAE

Strymon bazochii	Maui: Waihee Ridge Trail, wet side west Maui	06-Apr-13	WMY
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Lampides boeticus	Maui: Haleakala NP near Hana	09-Apr-13	WMY
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Brephidium exilis	Maui: Kehei, west Maui	05-Apr-13	WMY
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NYMPHALIDAE

Danaus plexippus	Maui: Waihee Ridge Trail, wet side west Maui	06-Apr-13	WMY
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Agraulis vanillae	Maui: Kehei, west Maui	05-Apr-13	WMY
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Vanessa tameamea	Maui: Waihee Ridge Trail, wet side west Maui	06-Apr-13	WMY
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NEVADA

This state has very few butterflies reported for the Season Summary. Few travel to Nevada to look for butterflies and collecting restrictions in the Spring Mts. near Las Vegas has essentially ended travels there. But reports for Nevada have been very sparse for many years. Clark County was well reported on by the late George T. Austin and photographers seem to be finding little that is unusual in that region.

Butterflies

LYCAENIDAE

Euphilotes enoptes aridorum	Washoe: Red Rocks Rd. N of Reno	15-Jul-13	JL2
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NYMPHALIDAE

Euphydryas editha tahoensis	Washoe: Mt. Rose	03-Jul-13	MM4
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Zone 4 Rocky Mountains Alberta, Montana, Wyoming, Utah, Colorado, New Mexico

Coordinator: Charles E. Harp

Contributors Cited:

VXA : Valeriu Albu

SJC : Steven J. Cary

MSF : Michael S. Fisher

H-H : Chuck Harp & Cindy Harp

EHM : Eric H. Metzler

O/W : Paul Opler & David Wikle

KR : Kilian Roeber

PT1 : Paul Thompson

NA : Noah Arthur

JPC : Janet Chu

CEH : Charles E. Harp

SJK : Steven J. Kohler

SJM : Steven J. Mueller

PAO : Paul A. Opler

JAS : James A. Scott

ADW : Andrew D. Warren

BB5 : Bob Barber

KD : Ken Davenport

H/H : Chuck Harp & Chris Harp

RAM : Robert A. Martin

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

MAQ : Mike Quinn

NS : Nancy Silver

DW : Dave L. Wikle

General Comments:

There were 36 contributors to the 2013 Summary, coming from 27 listed contributors and an additional 40 collectors and observers. Some reporters posted records for more than one state. This year's Summary for Zone 4 accounted for 55 County Records for butterflies and 663 records for moths. It was a season that was marked by early cold but wet conditions in much of the central parts of the Zone, followed by late season rains that may help conditions for the coming year.

COLORADO

Mike Fisher reported very dry conditions in late Fall in 2012 and early Winter. Significant moisture from winter storms fell during February and late March to early April when near record low temperatures occurred. The entire month of April remained colder than normal resulting in a delayed Spring emergence for most of the State. The summer was dry in many areas, but locally heavy rains in early September caused flooding and potential habitat losses in the areas from Golden to Ft. Collins.

Twelve contributors provided records from the 2013 season, including additional photographic and vouchered specimen data from 18 observers. Seven new county records for butterflies were reported and 82 new county records for moths were given. The season was notable by an the similar array of summer strays as New Mexico, including *Marpesia petreus* and *Lerodea eufala*, and *Phoebis philea* all seen at new northern limits. The record of *Eudocima serpentina* (Erebidae) marked a new Regional record for this stray.

Butterflies

HESPERIIDAE

<i>Erynnis funeralis</i> confirmed off BAMONA site by private contributor	MORGAN: Snyder	10-Oct-13		MSF
<i>Pyrgus communis</i> mixed - short grass prairie	Boulder: Southeast Buffer, off Ste HWY 128	26-May-13		JPC
<i>Pyrgus communis</i> Observed by Amy H. Chu on chrysanthemums, too cold to nectar, wings folded	Boulder: 964 Ravenwood Road, Boulder CO	17-Nov-13	17-Nov-13	JPC
<i>Pyrgus scriptura</i>	Costilla: 1 mi. S of San Luis,	21-Sep-13		KR
<i>Amblyscirtes vialis</i> observed as common on first date, less common on second date	Garfield: Glenwood Canyon, Grizzly Creek, on upper trail,	15-Jun-13	21-Jun-13	KD
<i>Lerodea eufala</i> Northern range extention	COSTILLA: 1 mi. S of San Luis,	21-Sep-13		KR
<i>Lerodea eufala</i> Northern range extention	CONEJOS : 14 mi. E of Manassa,	21-Sep-13		KR
<i>Hesperia colorado idaho</i> at 7500'-7700' elev.,	Moffat: Dinasaour National Monument, area N of Hwy 40	23-Aug-13		MSF
<i>Hesperia juba</i>	Conejos : 14 mi. E of Manassa,	21-Sep-13		KR
<i>Atalopedes campestris</i>	Conejos : 14 mi. E of Manassa,	21-Sep-13		KR
<i>Polites draco</i>	Summit: Loveland Pass, 11999 ft.,	10-Aug-13		VXA
<i>Ochlodes yuma scudderii</i> Altitude record for this ssp., miles away from nearest wetland area, on rabbitbrush	Moffat: CR 10N, just above Irish Canyon, 6800' elev.,	01-Aug-13		MSF
<i>Euphyes vestris</i> Left Hand Canyon, Geer watershed	Boulder: Heil Valley Open Space, off Hwy 36	25-Jul-13	25-Jul-13	JPC
<i>Atrytonopsis hianna</i> Fourmile Canyon Creek, inner foothills, Ponderosa pine	Boulder: Boulder, Anne U. White Trail Open Space,	19-May-13	01-Aug-13	JPC

PAPILIONIDAE

<i>Battus philenor</i> leg: Gordon Revey, examined/confirmed/released by Mike Fisher	GILPIN: Smith Hill Road, north of Hwy. 119,	07-Jul-13		MSF
<i>Papilio machaon bairdii</i> confirmed off BAMONA site by private contributor	MORGAN: Snyder	05-Sep-13		MSF
<i>Papilio rutulus</i>	Pitkin: Snowmass Creek trail, 8400'-10,000' elev.,	27-Jun-13	29-Jun-13	PT1
<i>Papilio zelicaon</i>	Pitkin: Snowmass Creek trail, 8400'-9400' elev.,	27-Jun-13		PT1

PIERIDAE

<i>Pontia protodice</i> observation by Ron Butler, old dump, Marshall Mesa	Boulder: Marshall Drive, ST Hwy 166	06-Mar-13		JPC
<i>Pontia protodice</i> north of Hwy 93, mixed-short grass	Boulder: High Plains Trail, County Open Space,	10-Nov-13	10-Nov-13	JPC
<i>Pontia sisymbrii</i> Lower Montane- S. St Vrain Creek, Hwy 7	Boulder: Hall II Open Space, Boulder County Park, CO	07-May-13		JPC
<i>Euchloe ausonides</i>	Pitkin: Snowmass Creek trail, 8600'-10,000' elev.,	29-Jun-13		PT1
<i>Anthocharis sara julia</i> Fourmile Canyon Creek, inner foothills, Ponderosa pine	Boulder: Boulder, Anne U. White Trail Open Space,	19-May-13		JPC
<i>Anthocharis sara julia</i> along stream and in glades bordering aspens,	Summit: Ute Pass,	16-Jun-13	20-Jun-13	KD
<i>Colias alexandra</i> observation by Donn Cook, Left Hand Canyon, Lichen Trail- along road	Boulder: Heil Valley Open Space, off Hwy 36	06-Mar-13		JPC
<i>Colias alexandra</i>	Pitkin: Snowmass Creek trail, 8400'-10,000' elev.,	27-Jun-13	29-Jun-13	PT1
<i>Colias eurytheme</i> observation by Scott Severs, mixed-short grass -	Boulder: Rabbit Mountain Open Space , Boulder CO	07-Nov-13	07-Nov-13	JPC
<i>Colias philodice</i> Left Hand Canyon, Geer watershed	Boulder: Heil Valley Open Space, off Hwy 36	31-Mar-13		JPC
<i>Colias philodice</i> flying with 2 other sulphurs, near rabbitbrush	Boulder: 964 Ravenwood Road, Boulder CO	13-Nov-13	13-Nov-13	JPC
<i>Phoebis philea</i> Photographic documentation by Janet Hardin, significant record for this stray	LARIMER: Ft. Collins, Lee Martinez Park,	14-Sep-13		PAO

Nathalis iole north of Hwy 93, mixed-short grass	Boulder: High Plains Trail, County Open Space,	10-Nov-13	10-Nov-13	JPC
Nathalis iole a very late fresh specimen photographed and vouchered on two days of unseasonably warm days	Douglas: Hidden Pointe, Castle Pines North,	19-Dec-13		ADW
LYCAENIDAE				
Lycaena phlaeas	Pitkin: Snowmass Mtn. summit, 14,092' elev.,	28-Jun-13		PT1
Callophrys affinis	Summit: West of Ute Pass, hilltop and wet roadside,	16-Jun-13	20-Jun-13	KD
Callophrys augustinus	Summit: hilltop west below Ute Pass,	17-Jun-13	20-Jun-13	KD
Callophrys mossii schryveri Lower Montane- S. St Vrain Creek, Hwy 7	Boulder: Hall II Open Space, Boulder County Park, CO	07-May-13		JPC
Callophrys sheridanii observed by Venice Kelly, a very late emergence prompted by recent heavy rains and warm fall weather	Boulder: Switzerland Trail, W of Boulder	11-Nov-13		JPC
Callophrys sheridanii observation by Venice Kelly, near Ward, 1 mi. north of Sugarloaf Rd. 8400-8500 ft.	Boulder: Old Ward Road	11-Nov-13	11-Nov-13	JPC
Callophrys spinetorum	Pitkin: Snowmass Creek trail, 8600'-10,000' elev.,	29-Jun-13		PT1
Strymon melinus mixed - short grass prairie	Boulder: Southeast Buffer, off Ste HWY 128	17-Apr-13		JPC
Hypaurotis crysalus citima	Routt: W. Rabbit Ears Pass, 8200' elev.,	02-Aug-13		MSF
Celastrina echo sidara Meyer's Homestead Trail-Montane	Boulder: Walker Ranch Open Space	13-May-13		JPC
Celastrina lucia lumarco observed as uncommon and worn	Garfield: Glenwood Canyon, Grizzly Creek, on upper trail,	15-Jun-13		KD
Plebejus lupini lutzi Meyer's Homestead Trail - Montane	Boulder: Walker Ranch Open Space	22-Aug-13	22-Aug-13	JPC
RIODINIDAE				
Apodemia mormo Ericamera/sage/Mentzelia assoc., 7480' elev., 37.1802°N; -105.7304°W	Conejos : 12 mi east of Manassa, Rd 142 at Rio Grande Rvr.	05-Aug-13		CEH
NYMPHALIDAE				
Danaus gilippus photographic documentation by Jason Beason	Delta: 1.5 mi. W of Paonia, Rain Crow Farm,	06-Sep-13		MSF
Danaus plexippus observation by R. Carol Cushman, just emerged- chrysalis was kept outdoors	Boulder: 8495 Arapahoe Avenue, Boulder CO	28-Sep-13	28-Sep-13	JPC
Coenonympha tullia ochracea	Pitkin: Snowmass Creek trail, 8400'-9400' elev.,	27-Jun-13		PT1
Cercyonis meadii alamosa oak/juniper/pinyon, 8081' elev., San Isabel NF, 38.4767°N; -106.0877°W	Chaffee: 2 mi S of Poncha Springs frontage rd of Hwy. 285	06-Aug-13		CEH
Erebia callias	Summit: Loveland Pass, 11999 ft.,	10-Aug-13		VXA
Erebia epipsodea	Pitkin: Snowmass Creek trail, 8400'-9400' elev.,	27-Jun-13		PT1
Oeneis melissa	Pitkin: Snowmass Mtn. summit, 14,092' elev.,	28-Jun-13		PT1
Oeneis uhleri Fourmile Canyon Creek, inner foothills, Ponderosa pine	Boulder: Boulder, Anne U. White Trail Open Space,	19-May-13		JPC
Speyeria egleis secreta observed as common on early date	Garfield: Glenwood Canyon, Grizzly Creek, on upper trail,	15-Jun-13	21-Jun-13	KD
Speyeria hydaspe rhodope	Routt: W. Rabbit Ears Pass, 8400' elev.,	02-Aug-13		MSF
Speyeria nokomis Strong flight in area that had habitat in exceptional condition after above average rainfall in area	Mesa: Unawep Canyon,	22-Aug-13		MSF
Boloria bellona non uncommon with males on wet ground/sand	Garfield: No Name Creek Canyon, 6300' elev.,	12-Jun-13		MSF
Boloria bellona locally common along stream and in riparian willow meadowlands	Grand: Tabernash,	18-Jun-13	19-Jun-13	KD
Boloria bellona	Pitkin: Snowmass Creek trail, 8400'-9400' elev.,	27-Jun-13		PT1
Boloria frigga sagata found as sparse, but sympatric with Boloria frigga sagata	Grand: Tabernash,	18-Jun-13	19-Jun-13	KD
Limenitis weidemeyerii confirmed off BAMONA site by private contributor	BACA: Pritchett,	23-Jun-13		MSF
Limenitis weidemeyerii	Pitkin: Snowmass Creek trail, 8400'-9400' elev.,	27-Jun-13		PT1
Marpesia petreus a worn female (an extreme stray to the North)	DOUGLAS: Hidden Pointe, Castle Pines North,	10-Aug-13		ADW
Asterocampa celtis Hall II Open Space, Boulder County Park, CO	Boulder: Hall II Open Space, Boulder County Park, CO	27-Aug-13	27-Aug-13	JPC
Vanessa atalanta Fourmile Canyon Creek, inner foothills, Ponderosa pine	Boulder: Boulder, Anne U. White Trail Open Space,	16-Aug-13	16-Aug-13	JPC
Aglais milberti observation by Ron Butler, residence near Baseline Lake	Boulder: 795 Newland Court, Boulder CO	17-Feb-13		JPC
Aglais milberti	Teller: Woodland Park,	24-May-13		VXA
Aglais milberti	Pitkin: Snowmass Mtn. summit, 14,092' elev.,	28-Jun-13		PT1

<i>Nymphalis antiopa</i> observation by Donn Cook, Left Hand Canyon	Boulder: Heil Valley Open Space, off Hwy 36	06-Mar-13		JPC
<i>Nymphalis californica</i> Left Hand Canyon, Geer watershed	Boulder: Heil Valley Open Space, off Hwy 36	31-Mar-13		JPC
<i>Polygonia faunus hylas</i>	Summit: west below Ute Pass, along stream,	20-Jun-13		KD
<i>Polygonia faunus hylas</i>	Pitkin: Snowmass Creek trail, 8400'-9400' elev.,	27-Jun-13		PT1
<i>Polygonia gracilis zephyrus</i>	Pitkin: Snowmass Creek trail, 8400'-9400' elev.,	27-Jun-13		PT1
<i>Junonia coenia</i> confirmed off BAMONA site by private contributor	Logan: Sterling,	11-Aug-13		MSF
<i>Junonia coenia</i> observation by Scott Severs, mixed-short grass -	Boulder: Shanahan Ridge	07-Nov-13	07-Nov-13	JPC
<i>Junonia coenia</i> confirmed off BAMONA site by private contributor	Fremont: Canon City,	18-Nov-13		MSF
<i>Chlosyne gorgone</i> non uncommon with males on wet ground/sand	Garfield: No Name Creek Canyon, 6300' elev.,	12-Jun-13		MSF
<i>Chlosyne gorgone carlota</i>	Garfield: Glenwood Canyon, Grizzly Creek, on upper trail,	15-Jun-13		KD
<i>Chlosyne palla</i>	Pitkin: Snowmass Creek trail, 8400'-9400' elev.,	27-Jun-13		PT1
<i>Phyciodes batesii anasazi</i> new emergences, two weeks later than normal	Garfield: Parachute Creek,	02-Jul-13		MSF
<i>Phyciodes mylitta arizonensis</i>	CHAFFEE: W of Poncha Springs,	02-Jun-13		JAS
<i>Phyciodes pulchella</i> mixed - short grass prairie	Boulder: Southeast Buffer, off Ste HWY 128	17-Apr-13		JPC
<i>Euphydryas anicia bernadetta</i>	Summit: 3 mi. N Blue River Camp, Hwy. 9 and Blue River,	17-Jun-13	20-Jun-13	KD
<i>Euphydryas anicia bernadetta</i> off Hwy. 9	Summit: Prairie Point Camp, S side Green Mtn. Reservoir	18-Jun-13	19-Jun-13	KD
<i>Euphydryas anicia bernadetta</i>	Summit: west below Ute Pass,	20-Jun-13		KD
<i>Euphydryas anicia carmentis</i>	Garfield: Glenwood Canyon, Grizzly Creek, on upper trail,	21-Jun-13		KD
<i>Euphydryas anicia eurytion</i>	Summit: 3 mi. N Blue River Camp, Hwy. 9 and Blue River,	17-Jun-13	20-Jun-13	KD
<i>Euphydryas anicia eurytion</i> off Hwy. 9	Summit: Prairie Point Camp, S side Green Mtn. Reservoir	18-Jun-13	19-Jun-13	KD
<i>Euphydryas anicia eurytion</i>	Summit: west below Ute Pass,	20-Jun-13		KD
<i>Euphydryas editha gunninsonensis</i> confirms 2001 record of a single male from this area	Summit: common on hilltops W below Ute Pass,	16-Jun-13	20-Jun-13	KD
<i>Euphydryas editha gunninsonensis</i>	Grand: Tabernash,	19-Jun-13		KD

Moths

HEPIALIDAE

<i>Gazoryctra pulcher</i> taken at uv trap, 7950' elev., 39.4063°N;-105.4778°W	Park : downtown Bailey, Hwy. #285/ Post Office lights	28-Aug-13		CEH
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ALUCITIDAE

<i>Alucita montana</i> taken at uv trap nr. Poplar/oaks/alder/cherry along Deer Ck., 6611' elev., 39.5371°N;-105.1922°W	JEFFERSON: 4 mi W of Chatfield Lake SP, Deer Creek Cyn CR 124	14-Jun-13	15-Jun-13	CEH
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CRAMBIDAE

<i>Agriphila plumbifimbriella</i> diurnal, flushed from grass;	CLEAR CREEK: Empire,	08-Aug-13		VXA
<i>Choristostigma plumbosignalis</i> diurnal, flushed from vegetation;	BOULDER: Raymond,	27-Jul-13		VXA
<i>Eudonia spaldingalis</i> diurnal, flushed from vegetation;	CLEAR CREEK: Empire,	08-Aug-13		VXA
<i>Pyrausta unifascialis</i> diurnal, flushed from vegetation;	SUMMIT: Loveland Pass, 11992 ft.,	10-Aug-13		VXA
<i>Udea abstrusa</i> diurnal, flushed from vegetation;	SUMMIT: Loveland Pass, 11992 ft.,	10-Aug-13		VXA
<i>Udea itysalis</i> diurnal, flushed from vegetation;	BOULDER: Raymond,	27-Jul-13		VXA

PYRALIDAE

<i>Galleria mellonella</i> residential backyard, at pheromone trap, 5700' elev., 39.5882°N; -105.0962°W	JEFFERSON: SW Littleton; 8834 W. Quarto Avenue	22-Sep-06		CEH
<i>Zophodia grossulariella</i> at MV light;	TELLER: Woodland Park,	24-May-13		VXA

SESIIDAE

<i>Sesia tibialis</i> residential backyard, at pheromone trap, 5700' elev., 39.5882°N; -105.0962°W	JEFFERSON: SW Littleton; 8834 W. Quarto Avenue	04-Aug-13	20-Aug-13	CEH
<i>Synanthedon exitiosa</i> in pheromone trap;	Jefferson: Red Rock Park,	05-Aug-13	08-Aug-13	VXA
<i>Synanthedon scitula</i> Photographic documentenation by Scott Severs	LARIMER: Longmont, residential backyard	04-Jul-13		JPC

LIMACODIDAE

Tortricidia testacea JEFFERSON: 4 mi. W of Chatfield Lake SP, Deer Creek Cyn., 14-Jun-13 15-Jun-13 CEH
CR #124, uv trap along Deer Ck., 6611' elev., 39.5371°N;-105.1922°W, 2nd record in state

TORTRICIDAE

Orthotaenia undulana SUMMIT: Loveland Pass, 11999 ft., 10-Aug-13 VXA
diurnal, omn alpine meadow;
Eucosma ridingsana Boulder: Chautauqua Park, 07-Aug-13 VXA
diurnal, flushed from grasses;
Eucosma smithiana BOULDER: Chautauqua Park, 07-Aug-13 VXA
diurnal, flushed from vegetation;
Anopina silvertanana CLEAR CREEK: Empire, 08-Aug-13 VXA
flushed from pine trees at day;

GEOMETRIDAE

Digrammia neptaria Park : 1 mi. N. of Kenosha Pass, Hwy. 285 at mkr. #204, 02-Jul-13 CEH
Pike NF, taken at uv/mv trap, 9959' elev., wet open meadow, 39.4192°N;-105.7647°W
Stenoporpia excelsaria PARK : downtown Bailey, Hwy. #285/ Post Office lights 02-Jul-13 CEH
taken at uv & mv lights, 7950' elev., 39.4063°N;-105.4778°W
Stenoporpia pulmonaria PARK : downtown Bailey, Hwy. #285/ Post Office lights 02-Jul-13 CEH
taken at uv & mv lights, 7950' elev., 39.4063°N;-105.4778°W
Biston betularia Park : downtown Bailey, Hwy. #285/ Post Office lights 02-Jul-13 CEH
taken at uv & mv lights, 7950' elev., 39.4063°N;-105.4778°W
Xanthotype sospeta Jefferson: Aspen Park, along Hwy. #285 03-Jul-13 05-Jul-13 CEH
open coniferous forest, taken at store uv lights, 8054' elev., 39.2928°N;-105.2921°W
Nacophora mexicanaria JEFFERSON: Aspen Park, along Hwy. #285 03-Jul-13 05-Jul-13 CEH
open coniferous forest, taken at store uv lights, 8054' elev., 39.2928°N;-105.2921°W
Ennomos magnaria COSTILLA: 7.5 mi. ENE of Ft. Garland, 04-Aug-13 CEH
Beekman Rd. nr Hwy. 160, along Sangre de Cristo Crk., 37.4905°N;-105.3389°W
Metanema inatamaria Park : 1 mi. N. of Kenosha Pass, Hwy. 285 at mkr. #204, 02-Jul-13 CEH
Pike NF, taken at uv/mv trap, 9959' elev., wet open meadow, 39.4192°N;-105.7647°W
Lychnosea helveolaria Clear Creek: Empire, 08-Aug-13 VXA
flushed from roadside vegetation at day;
Enypia venata Clear Creek: Empire, 08-Aug-13 VXA
flushed from roadside vegetation at day;
Eulithis propulsata Clear Creek: Empire, 08-Aug-13 VXA
flushed from roadside vegetation at day;
Eulithis propulsata PARK : 3 mi. NW of Kenosha Pass, 1 mi W of Hwy. 285 28-Aug-13 CEH
off Lininger Lake Rd., Pike NF, uv trap, 9810' elev., dry edge of marsh with salix on borders, 39.4421°N;-105.7811°W
Thera latens SUMMIT: Frisco; 31-Aug-13 VXA
at day on forest road;
Hydriomena expurgata TELLER: Woodland Park, 24-May-13 VXA
at MV light;
Xanthorhoe abrasaria Clear Creek: Empire, 08-Aug-13 VXA
at dusk on forest road;

SATURNIIDAE

Coloradia pandora Boulder: Chautauqua Park, 29-Jun-13 VXA
dead on the road;

NOTODONTIDAE

Heterocampa lunata PARK : downtown Bailey, Hwy. #285/ Post Office lights 05-Jul-13 CEH
taken at uv & mv lights, 7950' elev., 39.4063°N;-105.4778°W

EREBIDAE

Bruceia pulverina JEFFERSON: SW of Littleton, West Deer Crk. Cyn. Rd, 20-Jul-13 CEH
CR #124, taken at uv trap nr. Poplar/oaks/alder/cherry along Deer Ck., 6611' elev., 39.5371°N;-105.1922°W
Eilema bicolor Boulder: Raymond, 27-Jul-13 VXA
resting under MV light;
Virbia fragilis Clear Creek: Empire, 08-Aug-13 VXA
diurnal, on flowers;
Grammia williamsii Costilla: 8 mi. ENE of Ft. Garland, 04-Aug-13 CEH
Hwy 160 at Beekman Rd., Ericamera/sage/Mentzelia, 37.4943°N;-105.3365°W
Lophocampa roseata COSTILLA: 7.4 mi. ENE of Ft. Garland, 04-Aug-13 CEH
Beekman Rd. nr Hwy. 160, along Sangre de Cristo Crk., 37.4905°N;-105.3389°W
Gnophaela vermiculata Clear Creek: Arapaho National Forest, Mount Evans, 23-Jul-13 CEH
Hwy. 5 mkr 11.8, 13,949'elev., taken s. of road on alpine meadows, 3 pm on flowers, 39.5852°N;-105.6409°W
Orgyia pseudotsugata Jefferson: Aspen Park, along Hwy. #285 29-Aug-13 CEH
open coniferous forest, taken at store uv lights, 8054' elev., 39.2928°N;-105.2921°W
Zanclognatha lotalba Jefferson: 4 mi. W of Chatfield Lake SP, Deer Creek Cyn., 14-Jun-13 15-Jun-13 CEH
CR #124, taken at uv trap nr. Poplar/oaks/alder/cherry along Deer Ck., 6611' elev., 39.5371°N;-105.1922°W

<i>Tetanolita palligera</i>	JEFFERSON: 4 mi. W of Chatfield Lake SP, Deer Creek Cyn., CR #124, taken at uv trap nr. Poplar/oaks/alder/cherry along Deer Ck., 6611' elev., 39.5371°N;-105.1922°W	14-Jun-13	15-Jun-13	CEH
<i>Renia pulverosalis</i>	Jefferson: 4 mi. W of Chatfield Lake SP, Deer Creek Cyn., CR #124, taken at uv trap nr. Poplar/oaks/alder/cherry along Deer Ck., 6611' elev., 39.5371°N;-105.1922°W	14-Jun-13	15-Jun-13	CEH
<i>Ascalapha odorata</i>	KIT CARSON: Cheyenne Wells, photographic documentation by Gabe Roth	18-Jun-13		MAQ
<i>Ascalapha odorata</i>	Douglas: Elizabeth, photographic documentation by Lori Austgen	22-Jun-13		CEH
<i>Eudocima serpentifera</i>	RIO GRANDE: Zapata Ranch Inn, nr. Mosca, Nature Cons. Preserve., at building lights, 2368m, Photographic doc. by Chris Pague, id verified by Opler & Brou	13-Sep-13	15-Sep-13	CEH
<i>Lygephila victoria</i>	COSTILLA: 7.5 mi. ENE of Ft. Garland, Beekman Rd. nr Hwy. 160, along Sangre de Cristo Crk., 37.4905°N;-105.3389°W	04-Aug-13		CEH
<i>Drasteria sabulosa</i>	Park : downtown Bailey, Hwy. #285/ Post Office lights taken at uv & mv lights, 7950' elev., 39.4063°N;-105.4778°W	03-Jul-13		CEH
<i>Catocala delillah desdemona</i>	EL PASO: S. of Colorado Springs, Hwy. 115 at Rock Creek Cyn., 6239' elev., pinyon/oak/juniper with <i>Ericameria</i> assoc., 38.7039°N; -104.8319°W	22-Jul-13		CEH
<i>Catocala grotiana</i>	Park : 1 mi. N. of Kenosha Pass, Hwy. 285 at mkr. #204, Pike NF, taken at uv/mv trap, 9959' elev., wet open meadow, 39.4192°N;-105.7647°W	28-Aug-13		CEH
<i>Catocala grotiana</i>	Chaffee: E of Buena Vista; FR 307, n. of Mushroom Gulch jct., along Trout Creek mv light, 8851' elev., 38.8587°N;-105.9820°W, 8-11pm	04-Sep-13		CEH
<i>Catocala grotiana</i>	Chaffee: 8 mi E Buena Vista; FR 315 just off Hwy. 285, Shields Gulch, pinyon/juniper/sage habitat, San Isabel NF, 8671' elev. at mv trap, 38°50.39'N;-106°01.68'W	04-Sep-13		CEH
<i>Catocala junctura</i>	Jefferson: SW Littleton; 8834 W. Quarto Avenue residential backyard, at porch light, 5700' elev., 39.5882°N; -105.0962°W	27-Jul-13		CEH
<i>Catocala semirelictata</i>	COSTILLA: San Luis, downtown Hwy. 159 taken at building lights, 5 a.m., 7970' elev., 37.1961°N; -105.4274°W	05-Aug-13		CEH

NOCTUIDAE

<i>Lasionycta coloradensis</i>	JEFFERSON: Tintown, S. Turkey Crk. Rd., across from train park, taken at mv/uv trap, 6870' elev., 9-11:30pm, 39.6028°N; -105.2222°W	14-Jun-13	15-Jun-13	CEH
<i>Diachrysia aeroides</i>	COSTILLA: 7.5 mi. ENE of Ft. Garland, Beekman Rd. nr Hwy. 160, along Sangre de Cristo Crk., 37.4905°N;-105.3389°W	04-Aug-13		CEH
<i>Pseudohemihyalea ambigua</i>	Costilla: 7.4 mi. ENE of Ft. Garland, Beekman Rd. nr Hwy. 160, along Sangre de Cristo Crk., 37.4905°N;-105.3389°W	04-Aug-13		CEH
<i>Autographa pseudogamma</i>	PARK : 1 mi. N. of Kenosha Pass, Hwy. 285 at mkr. #204, Pike NF, taken at uv/mv trap, 9959' elev., wet open meadow, 39.4192°N;-105.7647°W	28-Aug-13		CEH
<i>Syngnapha angulidens</i>	Clear Creek: Empire, diurnal, on flowers;	08-Aug-13		VXA
<i>Syngnapha angulidens</i>	Park : 3 mi. N. of Kenosha Pass, Hwy. 285 at mkr. #206.5, Pike NF, below roadside uv trap, 9639' elev., dry pine-fir clearing, 39.4372°N; -105.7532°W	28-Aug-13		CEH
<i>Syngnapha ignea</i>	Park : 3 mi. N. of Kenosha Pass, Hwy. 285 at mkr. #206.5, Pike NF, below roadside uv trap, 9639' elev., dry pine-fir clearing, 39.4372°N; -105.7532°W	28-Aug-13		CEH
<i>Syngnapha sackenii</i>	Park : 3 mi. N. of Kenosha Pass, Hwy. 285 at mkr. #206.5, Pike NF, below roadside uv trap, 9639' elev., dry pine-fir clearing, 39.4372°N; -105.7532°W	28-Aug-13		CEH
<i>Acontia abdominalis</i>	COSTILLA: 7.4 mi. ENE of Ft. Garland, Beekman Rd. nr Hwy. 160, along Sangre de Cristo Crk., 37.4905°N;-105.3389°W	04-Aug-13		CEH
<i>Panthea acronyctoides nigra</i>	Park : 1 mi. N. of Kenosha Pass, Hwy. 285 at mkr. #204, Pike NF, taken at uv/mv trap, 9959' elev., wet open meadow, 39.4192°N;-105.7647°W	02-Jul-13		CEH
<i>Panthea gigantea</i>	Jefferson: Aspen Park, along Hwy. #285 open coniferous forest, taken at store uv lights, 8054' elev., 39.2928°N; -105.2921°W	28-Aug-13		CEH
<i>Raphia frater</i>	Jefferson: SW of Littleton, West Deer Crk. Cyn. Rd, CR #124, taken at uv trap nr. Poplar/oaks/alder/cherry along Deer Ck., 6611' elev., 39.5371°N;-105.1922°W	14-Jun-13	15-Jun-13	CEH
<i>Raphia frater</i>	PARK : 1 mi. N. of Kenosha Pass, Hwy. 285 at mkr. #204, Pike NF, taken at uv/mv trap, 9959' elev., wet open meadow, 39.4192°N;-105.7647°W	02-Jul-13		CEH
<i>Acronicta grisea</i>	PARK : downtown Bailey, Hwy. #285/ Post Office lights taken at uv & mv lights, 7950' elev., 39.4063°N;-105.4778°W	02-Jul-13		CEH
<i>Acronicta grisea</i>	COSTILLA: San Luis, downtown Hwy. 159 taken at building lights, 5 a.m., 7970' elev., 37.1961°N; -105.4274°W	05-Aug-13		CEH
<i>Acronicta impressa</i>	COSTILLA: 7.4 mi. ENE of Ft. Garland, Beekman Rd. nr Hwy. 160, along Sangre de Cristo Crk., 37.4905°N;-105.3389°W	04-Aug-13		CEH
<i>Acronicta impressa</i>	Costilla: San Luis, downtown Hwy. 159 taken at building lights, 5 a.m., 7970' elev., 37.1961°N; -105.4274°W	05-Aug-13		CEH
<i>Acronicta impressa</i>	JEFFERSON: Aspen Park, along Hwy. #285 open coniferous forest, taken at store uv lights, 8054' elev., 39.2928°N; -105.2921°W	29-Aug-13		CEH
<i>Cucullia montanae</i>	COSTILLA: San Luis, downtown Hwy. 159 taken at building lights, 5 a.m., 7970' elev., 37.1961°N; -105.4274°W	05-Aug-13		CEH
<i>Pleromelloida cinerea</i>	Chaffee: E of Buena Vista; FR 307, n. of Mushroom Gulch jct., along Trout Creek mv light, 8851' elev., 38.8587°N;-105.9820°W, 8-11pm	04-Sep-13		CEH

Sympistis fifia	JEFFERSON: SW of Littleton, West Deer Crk. Cyn. Rd, CR #124, taken at uv trap nr. Poplar/oaks/alder/cherry along Deer Ck., 6611' elev., 39.5371°N;-105.1922°W	14-Jun-13	15-Jun-13	CEH
Sympistis fifia	COSTILLA: 7.4 mi. ENE of Ft. Garland, Beekman Rd. nr Hwy. 160, along Sangre de Cristo Crk., 37.4905°N;-105.3389°W	04-Aug-13		CEH
Sympistis arizonensis	Costilla: 7.4 mi. ENE of Ft. Garland, Beekman Rd. nr Hwy. 160, along Sangre de Cristo Crk., 37.4905°N;-105.3389°W	04-Aug-13		CEH
Sympistis arizonensis	Chaffee: E of Buena Vista; FR 307, n. of Mushroom Gulch jct., along Trout Creek mv light, 8851' elev., 38.8587°N;-105.9820°W, 8-11pm	04-Sep-13		CEH
Sympistis chandleri	Chaffee: E of Buena Vista; FR 307, n. of Mushroom Gulch jct., along Trout Creek mv light, 8851' elev., 38.8587°N;-105.9820°W, 8-11pm	04-Sep-13		CEH
Sympistis regina	Chaffee: E of Buena Vista; FR 307, n. of Mushroom Gulch jct., along Trout Creek mv light, 8851' elev., 38.8587°N;-105.9820°W, 8-11pm	04-Sep-13		CEH
Sympistis sanina	Chaffee: E of Buena Vista; FR 307, n. of Mushroom Gulch jct., along Trout Creek mv light, 8851' elev., 38.8587°N;-105.9820°W, 8-11pm	04-Sep-13		CEH
Heliiothis phloxiphagus	Jefferson: Tintytown, S. Turkey Crk. Rd., across from train park, taken at mv/uv trap, 6870' elev., 9-11:30pm, 39.6028°N; -105.2222°W	14-Jun-13	15-Jun-13	CEH
Schinia acutilinea	Costilla: 7.4 mi. ENE of Ft. Garland, Beekman Rd. nr Hwy. 160, along Sangre de Cristo Crk., 37.4905°N;-105.3389°W	04-Aug-13		CEH
Schinia albafascia	Costilla: 7.3 mi. ENE of Ft. Garland, Beekman Rd. nr Hwy. 160, along Sangre de Cristo Crk., 37.48605°N;-105.3387°W	04-Aug-13		CEH
Schinia illustra	Costilla: 7.4 mi. ENE of Ft. Garland, Beekman Rd. nr Hwy. 160, along Sangre de Cristo Crk., 37.4905°N;-105.3389°W	04-Aug-13		CEH
Schinia snowi	Weld: E. of Greeley, Sandhill Prairie area, Photographic documentation by Carol English on Comandra umbellata	02-Jun-13		CEH
Schinia unimacula	Costilla: 7.4 mi. ENE of Ft. Garland, Beekman Rd. nr Hwy. 160, along Sangre de Cristo Crk., 37.4905°N;-105.3389°W	04-Aug-13		CEH
Anterastria teratophora	JEFFERSON: Tintytown, S. Turkey Crk. Rd., across from train park, taken at mv/uv trap, 6870' elev., 9-11:30pm, 39.6028°N; -105.2222°W	14-Jun-13	15-Jun-13	CEH
Elaphria festivoides	Jefferson: 4 mi. W of Chatfield Lake SP, Deer Creek Cyn., taken at uv trap nr. Poplar/oaks/alder/cherry along Deer Ck., 6611' elev., 39.5371°N; -105.1922°W	14-Jun-13	15-Jun-13	CEH
Cosmia calami	COSTILLA: 7.3 mi. ENE of Ft. Garland, Beekman Rd. nr Hwy. 160, along Sangre de Cristo Crk., 37.48605°N;-105.3387°W	04-Aug-13		CEH
Aseptis genetrix	BOULDER: Raymond, resting under MV light;	27-Jul-13		VXA
Pseudanarta exasperata	Chaffee: 8 mi E Buena Vista; FR 315 just off Hwy. 285, Shields Gulch, pinyon/juniper/sage habitat, San Isabel NF, 8671' elev. at mv trap, 38°50.39'N;-106°01.68'W	04-Sep-13		CEH
Apamea atosuffusa	Costilla: San Luis, downtown Hwy. 159 taken at building lights, 5 a.m., 7970' elev., 37.1961°N; -105.4274°W	05-Aug-13		CEH
Apamea auranticolor	Park : 1 mi. N. of Kenosha Pass, Hwy. 285 at mkr. #204, Pike NF, taken at uv/mv trap, 9959' elev., wet open meadow, 39.4192°N;-105.7647°W	28-Aug-13		CEH
Apamea devastator	Costilla: 7.3 mi. ENE of Ft. Garland, Beekman Rd. nr Hwy. 160, along Sangre de Cristo Crk., 37.48605°N;-105.3387°W	04-Aug-13		CEH
Apamea geminimacula	Park : downtown Bailey, Hwy. #285/ Post Office lights taken at uv trap, 7950' elev., 39.4063°N;-105.4778°W	28-Aug-13		CEH
Apamea niveivenosa	Costilla: San Luis, downtown Hwy. 159 taken at building lights, 5 a.m., 7970' elev., 37.1961°N; -105.4274°W	05-Aug-13		CEH
Apamea scoparia	Park : 1 mi. N. of Kenosha Pass, Hwy. 285 at mkr. #204, Pike NF, taken at uv/mv trap, 9959' elev., wet open meadow, 39.4192°N;-105.7647°W	28-Aug-13		CEH
Apamea spaldingi	JEFFERSON: 4 mi. W of Chatfield Lake SP, Deer Creek Cyn., CR #124, taken at uv trap nr. Poplar/oaks/alder/cherry along Deer Ck., 6611' elev., 39.5371°N;-105.1922°W	20-Jul-13		CEH
Resapamea passer	Park : 1 mi. N. of Kenosha Pass, Hwy. 285 at mkr. #204, Pike NF, taken at uv/mv trap, 9959' elev., wet open meadow, 39.4192°N;-105.7647°W	02-Jul-13		CEH
Eremobina claudens	PARK : 3 mi. NW of Kenosha Pass, 1 mi W of Hwy. 285 off Lininger Lake Rd., Pike NF, uv trap, 9810' elev., dry edge of marsh with salix on borders, 39.4421°N;-105.7811°W	28-Aug-13		CEH
Oligia egens	Costilla: 7.3 mi. ENE of Ft. Garland, Beekman Rd. nr Hwy. 160, along Sangre de Cristo Crk., 37.48605°N;-105.3387°W	04-Aug-13		CEH
Oligia egens	PARK : 3 mi. NW of Kenosha Pass, 1 mi W of Hwy. 285 off Lininger Lake Rd., Pike NF, uv trap, 9810' elev., dry edge of marsh with salix on borders, 39.4421°N;-105.7811°W	28-Aug-13		CEH
Oligia egens	Chaffee: E of Buena Vista; FR 307, n. of Mushroom Gulch jct., along Trout Creek mv light, 8851' elev., 38.8587°N;-105.9820°W, 8-11pm	04-Sep-13		CEH
Amphipoea americana	PARK : 3 mi. NW of Kenosha Pass, 1 mi W of Hwy. 285 off Lininger Lake Rd., Pike NF, uv trap, 9810' elev., dry edge of marsh with salix on borders, 39.4421°N;-105.7811°W	28-Aug-13		CEH
Amphipoea senilis	Park: Fairplay, along Hwy. 285, just n. of jct. of Hwy. 9, mkr. #283, at gas station mv lights, 9950' elev., 39.2172°N; -105.9927°W	05-Sep-13		CEH
Papaipema nelita	EAGLE: 2.5 mi. N. of Eagle, Eby Creek Road, taken off roadside, uv trap, pinyon/juniper/sage, 7083' elev., 39°41.34'N;-106°49.99'W	09-Sep-11		CEH
Hydraecia obliqua	CHAFFEE: E of Buena Vista; FR 307, n. of Mushroom Gulch jct., along Trout Creek mv light, 8851' elev., 38.8587°N;-105.9820°W, 8-11pm	04-Sep-13		CEH

Hillia iris	PARK : 3 mi. NW of Kenosha Pass, 1 mi W of Hwy. 285 off Lininger Lake Rd., Pike NF, uv trap, 9810' elev., dry edge of marsh with salix on borders, 39.4421°N;-105.7811°W	28-Aug-13		CEH
Andropolia contacta	Park : 1 mi. N. of Kenosha Pass, Hwy. 285 at mkr. #204, Pike NF, taken at uv/mv trap, 9959' elev., wet open meadow, 39.4192°N;-105.7647°W	28-Aug-13		CEH
Mniotype ducta	BOULDER: Raymond, resting under MV light;	27-Jul-13		VXA
Nephelodes carminata	PARK : 1 mi. N. of Kenosha Pass, Hwy. 285 at mkr. #204, Pike NF, taken at uv/mv trap, 9959' elev., wet open meadow, 39.4192°N;-105.7647°W	28-Aug-13		CEH
Anarta obesa	JEFFERSON: Tynytown, S. Turkey Crk. Rd., across from train park, taken at mv/uv trap, 6870' elev., 9-11:30pm, 39.6028°N; -105.2222°W	14-Jun-13	15-Jun-13	CEH
Anarta oregonica	Park : 1 mi. N. of Kenosha Pass, Hwy. 285 at mkr. #204, Pike NF, taken at uv/mv trap, 9959' elev., wet open meadow, 39.4192°N;-105.7647°W	02-Jul-13		CEH
Sideridis rosea	Jefferson: Tynytown, S. Turkey Crk. Rd., across from train park, taken at mv/uv trap, 6870' elev., 9-11:30pm, 39.6028°N; -105.2222°W	14-Jun-13	15-Jun-13	CEH
Mamestra curialis	JEFFERSON: Aspen Park, along Hwy. #285 open coniferous forest, taken at store uv lights, 8054' elev., 39.2928°N; -105.2921°W	28-Aug-13		CEH
Polia discalis	Boulder: Raymond, at MV light;	27-Jul-13		VXA
Melanchra assimilis	PARK : 1 mi. N. of Kenosha Pass, Hwy. 285 at mkr. #204, Pike NF, taken at uv/mv trap, 9959' elev., wet open meadow, 39.4192°N;-105.7647°W	02-Jul-13		CEH
Melanchra pulverulenta	PARK : 1 mi. N. of Kenosha Pass, Hwy. 285 at mkr. #204, Pike NF, taken at uv/mv trap, 9959' elev., wet open meadow, 39.4192°N;-105.7647°W	02-Jul-13		CEH
Lacanobia nevadae	PARK : 1 mi. N. of Kenosha Pass, Hwy. 285 at mkr. #204, Pike NF, taken at uv/mv trap, 9959' elev., wet open meadow, 39.4192°N;-105.7647°W	02-Jul-13		CEH
Lacanobia subjuncta	JEFFERSON: Aspen Park, along Hwy. #285 open coniferous forest, taken at store uv lights, 8054' elev., 39.2928°N; -105.2921°W	28-Aug-13		CEH
Papestra biren	Park : 1 mi. N. of Kenosha Pass, Hwy. 285 at mkr. #204, Pike NF, taken at uv/mv trap, 9959' elev., wet open meadow, 39.4192°N;-105.7647°W	02-Jul-13		CEH
Hadena variolata	Park : 1 mi. N. of Kenosha Pass, Hwy. 285 at mkr. #204, Pike NF, taken at uv/mv trap, 9959' elev., wet open meadow, 39.4192°N;-105.7647°W	02-Jul-13		CEH
Hada sutrina	PARK : 1 mi. N. of Kenosha Pass, Hwy. 285 at mkr. #204, Pike NF, taken at uv/mv trap, 9959' elev., wet open meadow, 39.4192°N;-105.7647°W	02-Jul-13		CEH
Lasionycta perplexa	Jefferson: Tynytown, S. Turkey Crk. Rd., across from train park, taken at mv/uv trap, 6870' elev., 9-11:30pm, 39.6028°N; -105.2222°W	14-Jun-13	15-Jun-13	CEH
Lacinipolia anguina	PARK : 1 mi. N. of Kenosha Pass, Hwy. 285, Pike NF, taken at uv trap, 9959' elev., wet open meadow, 39.4192°N;-105.7647°W	05-Jul-13		VXA
Lacinipolia anguina	BOULDER: Raymond, resting under MV light;	27-Jul-13		VXA
Lacinipolia lepidula	Jefferson: Tynytown, S. Turkey Crk. Rd., across from train park, taken at mv/uv trap, 6870' elev., 9-11:30pm, 39.6028°N; -105.2222°W	14-Jun-13	15-Jun-13	CEH
Anhimella contrahens	PARK : downtown Bailey, Hwy. #285/ Post Office lights taken at uv & mv lights, 7950' elev., 39.4063°N;-105.4778°W	02-Jul-13		CEH
Ulolonche disticha	Jefferson: Tynytown, S. Turkey Crk. Rd., across from train park, taken at mv/uv trap, 6870' elev., 9-11:30pm, 39.6028°N; -105.2222°W	14-Jun-13	15-Jun-13	CEH
Ulolonche fasciata	Costilla: 7.4 mi. ENE of Ft. Garland, Beekman Rd. nr Hwy. 160, along Sangre de Cristo Crk., 37.4905°N;-105.3389°W	04-Aug-13		CEH
Orthodes obscura	JEFFERSON: Tynytown, S. Turkey Crk. Rd., across from train park, taken at mv/uv trap, 6870' elev., 9-11:30pm, 39.6028°N; -105.2222°W	14-Jun-13	15-Jun-13	CEH
Hexorthodes agrotiformis	COSTILLA: 7.4 mi. ENE of Ft. Garland, Beekman Rd. nr Hwy. 160, along Sangre de Cristo Crk., 37.4905°N;-105.3389°W	04-Aug-13		CEH
Trichorthosia parallela	COSTILLA: 7.4 mi. ENE of Ft. Garland, Beekman Rd. nr Hwy. 160, along Sangre de Cristo Crk., 37.4905°N;-105.3389°W	04-Aug-13		CEH
Richia chortalis	CHAFFEE: 8 mi E Buena Vista; FR 315 just off Hwy. 285, Shields Gulch, pinyon/juniper/sage habitat, San Isabel NF, 8671' elev. at mv trap, 38°50.39'N;-106°01.68'W	04-Sep-13		CEH
Protygyia postera	Costilla: 7.5 mi. ENE of Ft. Garland, Beekman Rd. nr Hwy. 160, along Sangre de Cristo Crk., 37.4905°N;-105.3389°W	04-Aug-13		CEH
Euxoa antica	Jefferson: SW of Littleton, West Deer Crk. Cyn. Rd, CR #124, taken at uv trap nr. Poplar/oaks/alder/cherry along Deer Ck., 6611' elev., 39.5371°N;-105.1922°W	14-Jun-13	15-Jun-13	CEH
Euxoa antica	Park : 1 mi. N. of Kenosha Pass, Hwy. 285 at mkr. #204, Pike NF, taken at uv/mv trap, 9959' elev., wet open meadow, 39.4192°N;-105.7647°W	02-Jul-13		CEH
Euxoa bochus	Chaffee: E of Buena Vista; FR 307, n. of Mushroom Gulch jct., along Trout Creek mv light, 8851' elev., 38.8587°N;-105.9820°W, 8-11pm	04-Sep-13		CEH
Euxoa churchillensis	CLEAR CREEK: Arapaho National Forest, Mount Evans, Hwy. 5 mkr 11.8, 13,949' elev., taken s. of road on alpine meadows, 3 pm on flowers, 39.5852°N; -105.6409°W	23-Jul-13		CEH
Euxoa comosa	Park : 3 mi. N. of Kenosha Pass, Hwy. 285 at mkr. #206.5, Pike NF, below roadside uv trap, 9639' elev., dry pine-fir clearing, 39.4372°N; -105.7532°W	28-Aug-13		CEH
Euxoa idahoensis	PARK : 1 mi. N. of Kenosha Pass, Hwy. 285 at mkr. #204, Pike NF, taken at uv/mv trap, 9959' elev., wet open meadow, 39.4192°N;-105.7647°W	28-Aug-13		CEH

<i>Euxoa idahoensis</i>	Park : 3 mi. NW of Kenosha Pass, 1 mi W of Hwy. 285 off Lininger Lake Rd., Pike NF, uv trap, 9810' elev., dry edge of marsh with salix on borders, 39.4421°N;-105.7811°W	28-Aug-13	CEH
<i>Euxoa inscripta</i>	COSTILLA: 7.4 mi. ENE of Ft. Garland, Beekman Rd. nr Hwy. 160, along Sangre de Cristo Crk., 37.4905°N;-105.3389°W	04-Aug-13	CEH
<i>Euxoa lineifrons</i>	Chaffee: E of Buena Vista; FR 307, n. of Mushroom Gulch jct., along Trout Creek mv light, 8851'elev., 38.8587°N;-105.9820°W, 8-11pm	04-Sep-13	CEH
<i>Euxoa maimes</i>	Park : 1 mi. N. of Kenosha Pass, Hwy. 285 at mkr. #204, Pike NF, taken at uv/mv trap, 9959' elev., wet open meadow, 39.4192°N;-105.7647°W	28-Aug-13	CEH
<i>Euxoa maimes</i>	Chaffee: E of Buena Vista; FR 307, n. of Mushroom Gulch jct., along Trout Creek mv light, 8851'elev., 38.8587°N;-105.9820°W, 8-11pm	04-Sep-13	CEH
<i>Euxoa melana</i>	Chaffee: 8 mi E Buena Vista; FR 315 just off Hwy. 285, Shields Gulch, pinyon/juniper/sage habitat, San Isabel NF, 8671'elev. at mv trap, 38°50.39'N;-106°01.68'W	04-Sep-13	CEH
<i>Euxoa melana</i>	CHAFFEE: E of Buena Vista; FR 307, n. of Mushroom Gulch jct., along Trout Creek mv light, 8851'elev., 38.8587°N;-105.9820°W, 8-11pm	04-Sep-13	CEH
<i>Euxoa misturata</i>	Chaffee: 8 mi E Buena Vista; FR 315 just off Hwy. 285, Shields Gulch, pinyon/juniper/sage habitat, San Isabel NF, 8671'elev. at mv trap, 38°50.39'N;-106°01.68'W	04-Sep-13	CEH
<i>Euxoa ridingsiana</i>	Park : 1 mi. N. of Kenosha Pass, Hwy. 285 at mkr. #204, Pike NF, taken at uv/mv trap, 9959' elev., wet open meadow, 39.4192°N;-105.7647°W	28-Aug-13	CEH
<i>Euxoa ridingsiana</i>	Chaffee: 8 mi E Buena Vista; FR 315 just off Hwy. 285, Shields Gulch, pinyon/juniper/sage habitat, San Isabel NF, 8671'elev. at mv trap, 38°50.39'N;-106°01.68'W	04-Sep-13	CEH
<i>Euxoa ridingsiana</i>	Chaffee: E of Buena Vista; FR 307, n. of Mushroom Gulch jct., along Trout Creek mv light, 8851'elev., 38.8587°N;-105.9820°W, 8-11pm	04-Sep-13	CEH
<i>Euxoa servita</i>	Park : 3 mi. NW of Kenosha Pass, 1 mi W of Hwy. 285 off Lininger Lake Rd., Pike NF, uv trap, 9810' elev., dry edge of marsh with salix on borders, 39.4421°N;-105.7811°W	28-Aug-13	CEH
<i>Euxoa servita</i>	Park : 1 mi. N. of Kenosha Pass, Hwy. 285 at mkr. #204, Pike NF, taken at uv/mv trap, 9959' elev., wet open meadow, 39.4192°N;-105.7647°W	28-Aug-13	CEH
<i>Euxoa setonia</i>	CONEJOS : 12 mi. E of Manassa, Rd. 142 at Rio Grande Rvr., Ericamera/sage/Mentzelia assoc., 7480' elev., 37.1802°N; -105.7304°W	15-Aug-12	CEH
<i>Euxoa stigmatalis</i>	CHAFFEE: E of Buena Vista; FR 307, n. of Mushroom Gulch jct., along Trout Creek mv light, 8851'elev., 38.8587°N;-105.9820°W, 8-11pm	04-Sep-13	CEH
<i>Euxoa taura</i>	CHAFFEE: E of Buena Vista; FR 307, n. of Mushroom Gulch jct., along Trout Creek mv light, 8851'elev., 38.8587°N;-105.9820°W, 8-11pm	04-Sep-13	CEH
<i>Euxoa teleboa</i>	Chaffee: E of Buena Vista; FR 307, n. of Mushroom Gulch jct., along Trout Creek mv light, 8851'elev., 38.8587°N;-105.9820°W, 8-11pm	04-Sep-13	CEH
<i>Feltia mollis</i>	PARK : 1 mi. N. of Kenosha Pass, Hwy. 285 at mkr. #204, Pike NF, taken at uv/mv trap, 9959' elev., wet open meadow, 39.4192°N;-105.7647°W	02-Jul-13	CEH
<i>Agrotis ipsilon</i>	CONEJOS : 12 mi. E of Manassa, Rd. 142 at Rio Grande Rvr., Ericamera/sage/Mentzelia assoc., 7480' elev., 37.1802°N; -105.7304°W	15-Aug-12	CEH
<i>Graphiphora augur</i>	Park : 3 mi. NW of Kenosha Pass, 1 mi W of Hwy. 285 off Lininger Lake Rd., Pike NF, uv trap, 9810' elev., dry edge of marsh with salix on borders, 39.4421°N;-105.7811°W	28-Aug-13	CEH
<i>Anaplectoides prasina</i>	PARK : downtown Bailey, Hwy. #285 Post Office lights taken at uv trap, 7950' elev., 39.4063°N;-105.4778°W	28-Aug-13	CEH
<i>Xestia bolteri</i>	Park : downtown Bailey, Hwy. #285 Post Office lights taken at uv & mv lights, 7950' elev., 39.4063°N;-105.4778°W	03-Jul-13	CEH
<i>Xestia conchis</i>	Chaffee: E of Buena Vista; FR 307, n. of Mushroom Gulch jct., along Trout Creek mv light, 8851'elev., 38.8587°N;-105.9820°W, 8-11pm	04-Sep-13	CEH
<i>Xestia oblata</i>	Park : 3 mi. NW of Kenosha Pass, 1 mi W of Hwy. 285 off Lininger Lake Rd., Pike NF, uv trap, 9810' elev., dry edge of marsh with salix on borders, 39.4421°N;-105.7811°W	28-Aug-13	CEH
<i>Xestia vernalis</i>	Park : 3 mi. N. of Kenosha Pass, Hwy. 285 at mkr. #206.5, Pike NF, below roadside uv trap, 9639' elev., dry pine-fir clearing, 39.4372°N; -105.7532°W	28-Aug-13	CEH
<i>Xestia vernalis</i>	Chaffee: 8 mi E Buena Vista; FR 315 just off Hwy. 285, Shields Gulch, pinyon/juniper/sage habitat, San Isabel NF, 8671'elev. at mv trap, 38°50.39'N;-106°01.68'W	04-Sep-13	CEH
<i>Prognorisma substrigata</i>	Park : 1 mi. N. of Kenosha Pass, Hwy. 285 at mkr. #204, Pike NF, taken at uv/mv trap, 9959' elev., wet open meadow, 39.4192°N;-105.7647°W	02-Jul-13	CEH
<i>Prognorisma substrigata</i>	Park : Jefferson, downtown along Hwy. #285, taken at street lights, 9521' elev., 39.3878°N; -105.8006°W (new locality for this rare moth)	05-Jul-13	CEH
<i>Agnorisma bugrai</i>	Park : 1 mi. N. of Kenosha Pass, Hwy. 285 at mkr. #204, Pike NF, taken at uv/mv trap, 9959' elev., wet open meadow, 39.4192°N;-105.7647°W	28-Aug-13	CEH
<i>Pseudohermonassa ononensis</i>	Park : 1 mi. N. of Kenosha Pass, Hwy. 285 at mkr. #204, Pike NF, taken at uv/mv trap, 9959' elev., wet open meadow, 39.4192°N;-105.7647°W	28-Aug-13	CEH
<i>Setagrotis vocalis</i>	Jefferson: SW of Littleton, West Deer Crk. Cyn. Rd, CR #124, taken at uv trap nr. Poplar/oaks/alder/cherry along Deer Ck., 6611' elev., 39.5371°N;-105.1922°W	20-Jul-13	CEH
<i>Abagrotis bimarginalis</i>	Park : downtown Bailey, Hwy. #285 Post Office lights taken at uv & mv lights, 7950' elev., 39.4063°N;-105.4778°W	02-Jul-13	CEH
<i>Abagrotis vittifrons</i>	Conejos : 12 mi. E of Manassa, Rd. 142 at Rio Grande Rvr., Ericamera/sage/Mentzelia assoc., 7480' elev., 37.1802°N; -105.7304°W	05-Aug-13	CEH
<i>Abagrotis vittifrons</i>	Chaffee: 8 mi E Buena Vista; FR 315 just off Hwy. 285, Shields Gulch, pinyon/juniper/sage habitat, San Isabel NF, 8671'elev. at mv trap, 38°50.39'N;-106°01.68'W	04-Sep-13	CEH

EUTELIIDAE

Paectes pygmaea JEFFERSON: 4 mi. W of Chatfield Lake SP, Deer Creek Cyn., 14-Jun-13 15-Jun-13 CEH
CR #124, taken at uv trap nr. Poplar/oaks/alder/cherry along Deer Ck., 6611' elev., 39.5371°N;-105.1922°W

NOLIDAE

Nycteola frigidana TELLER: Woodland Park, 24-May-13 VXA
at MV light;

MONTANA

Steve Kohler presented a report including 38 county records for butterflies. Bob Martin added 308 county records for moths from his home in East Helena and from several new sites in the region. Many of Bob's photographic records may also represent good State records, but cannot be counted as such without having vouchered specimens.

Three contributors submitted records for butterflies and moths this season with more records added by two additional collectors and observers.

Butterflies**HESPERIIDAE**

Pholisora catullus Jefferson: Comet mine site, 6 mi NW of Boulder 30-Jun-13 NS
photo documentation, 46° 18.650' N; -112° 10.200' W
Erynnis icelus BLAINE: SE Hays, North Fork Little Peoples Cr., 09-May-13 SJK
Little Rocky Mountains, 3825' elev.
Pyrgus communis Lewis and Clark: Alice Creek Rd, trail to Lewis & Clark Pass 15-Jun-13 NS
photo documentation, 47° 1.247' N; -112° 29.347' W
Hesperia colorado idaho CARTER: vic. Camp Needmore, 6 mi. SE Ekalaka 22-Aug-13 SJK
Hesperia juba Jefferson: Thunderbolt Creek, 2 mi N of Whitehouse CG 13-Sep-13 NS
photo documentation, 46° 16.989' N; -112° 28.428' W; elevation 6076'
Hesperia nevada MINERAL: Keystone Gulch, W of Superior 20-May-13 SJK
2720-3275'
Hesperia pahaska CHOUTEAU: near jct. Marie Spring & White Wolf 11-Jul-13 SJK
trails 412 & 413, Highwood Mountains, 5810-5875'
Polites sabuleti LEWIS & CLARK: Deadman Coulee, N of Wolf Creek 07-Aug-13 SJK
4325'

PAPILIONIDAE

Papilio indra DEER LODGE: North Fork Cottonwood Cr., 9 mi. E of Galen 29-Jun-13 SJK
6025-6275'
Parnassius smintheus Powell: Mullan Pass Road 05-Jul-13 NS
photo documentation, 46.642262 N; -112.320110 W

PIERIDAE

Neophasia menapia Jefferson: Thunderbolt Creek, 2 mi N of Whitehouse CG 27-Jun-13 NS
photo documentation, 46° 16.989' N; -112° 28.428' W; elevation 6076'
Pontia sisymbrii flavitincta TETON: Mount Wright trail, 38 mi. NW of Choteau 03-Jul-13 SJK
Colias alexandra astraea SWEET GRASS: Pickett Pin Road, W of Nye 04-Jul-13 SJK
8000-9000'
Colias alexandra astraea STILLWATER: Benbow Road, near Dean, Stillwater Plateau 08-Aug-13 SJK
Colias alexandra edwardsii LINCOLN: near Sophie Lake, NW of Eureka 22-Jun-13 SJK
2630'
Colias meadii lemhiensis STILLWATER: Benbow Road, near Dean, Stillwater Plateau 08-Aug-13 SJK
Nathalis iole CARTER: vic. Camp Needmore, 6 mi. SE Ekalaka 22-Aug-13 SJK

LYCAENIDAE

Lycaena dorcas florus DEER LODGE: North Fork Cottonwood Cr., 9 mi. E of Galen 29-Jun-13 SJK
6025-6275'
Lycaena editha Lewis and Clark: Chessman Resv flume, 1 mi W of outlet 14-Jul-13 NS
photo documentation, 46° 28.228' N; -112° 11.764' W
Lycaena heteronea Lewis and Clark: Chessman Resv flume, 1 mi W of outlet 14-Jul-13 NS
photo documentation, 46° 28.228' N; -112° 11.764' W
Callophrys augustinus iroides PHILLIPS: Little Rocky Mountains, NE of Zortman 08-May-13 SJK
4000-5000'
Callophrys augustinus iroides BLAINE: SE Hays, North Fork Little Peoples Cr., 09-May-13 SJK
Little Rocky Mountains, 3825-4315' elev.,
Callophrys eryphon PHILLIPS: Little Rocky Mountains, NE of Zortman 08-May-13 SJK
4000-5000'
Callophrys eryphon BLAINE: SE Hays, North Fork Little Peoples Cr., 09-May-13 SJK
Little Rocky Mountains, 3825-4315' elev.,
Callophrys mossii BROADWATER: Skidway area, 22 mi. E of Townsend 07-May-13 SJK
5625'
Callophrys polios obscura BLAINE: SE Hays, North Fork Little Peoples Cr., 09-May-13 SJK
Little Rocky Mountains, 3825-4315' elev.,

<i>Callophrys sheridanii neoperplexa</i> 2627'	LINCOLN: near Sophie Lake, NW of Eureka	26-Apr-13	SJK
<i>Callophrys sheridanii neoperplexa</i> 4700'	TETON: Teton River, 25 mi. NW of Choteau	02-May-13	SJK
<i>Callophrys sheridanii neoperplexa</i> CM Russell Refuge, 2575' elev.,	FERGUS: Two Calf Trail, near Missouri River,	08-May-13	SJK
<i>Callophrys spinetorum</i> 7725'	SILVER BOW: Soap Gulch, NE of Melrose	06-Jul-13	SJK
<i>Celastrina echo nigrescens</i> 4000-5000'	PHILLIPS: Little Rocky Mountains, NE of Zortman	08-May-13	SJK
<i>Celastrina echo nigrescens</i> Little Rocky Mountains, 4200' elev.,	BLAINE: SE Hays, North Fork Little Peoples Cr.,	09-May-13	SJK
<i>Celastrina echo nigrescens</i> 4680'	PONDERA: Swift Dam, NE of Dupuyer	04-Jun-13	SJK
<i>Celastrina lucia lumarco</i> 4000-5000'	PHILLIPS: Little Rocky Mountains, NE of Zortman	08-May-13	SJK
<i>Celastrina lucia lumarco</i> Little Rocky Mountains, 4200' elev.,	BLAINE: SE Hays, North Fork Little Peoples Cr.,	09-May-13	SJK
<i>Celastrina lucia lumarco</i> 4680'	PONDERA: Swift Dam, NE of Dupuyer	04-Jun-13	SJK
<i>Glaucopsyche lygdamus</i> photo documentation, 46° 26.760' N; -112° 10.184' W	Jefferson: Park Lake SP, 11 mi SW of Helena	26-Jun-13	NS
<i>Glaucopsyche lygdamus</i> photo documentation, 46° 28.228' N; -112° 11.764' W	Lewis and Clark: Chessman Resv flume, 1 mi W of outlet	14-Jul-13	NS
<i>Plebejus melissa</i> photo documentation, 45.602914 N, -111.932820 W	Madison: Albro Lake Tr 333, Tobacco Root Mts	13-Jul-13	NS
NYMPHALIDAE			
<i>Coenonympha haydenii</i> photo documentation, 46° 16.989' N; -112° 28.428' W; elevation 6076'	Jefferson: Thunderbolt Creek, 2 mi N of Whitehouse CG	27-Jun-13	NS
<i>Coenonympha haydenii</i> photo documentation, 46° 9.144' N; -112° 27.750' W	Jefferson: Maney Lake, Sheepshead Rec Area	28-Jun-13	NS
<i>Cercyonis sthenele paulus</i>	JEFFERSON: Boulder Cutoff, N of Cardwell	14-Aug-13	SJK
<i>Erebia epipsodea</i> photo documentation, 47° 1.247' N; -112° 29.347' W; 40+ individuals muddying in stream bank	Lewis and Clark: Alice Creek Rd, trail to Lewis & Clark Pass	15-Jun-13	NS
<i>Erebia epipsodea</i> photo documentation, 45.602914 N, -111.932820 W	Madison: Albro Lake Tr 333, Tobacco Root Mts	13-Jul-13	NS
<i>Oeneis chryxus altacordillera</i> 8000-9000'	SWEET GRASS: Pickett Pin Road, W of Nye	04-Jul-13	SJK
<i>Oeneis chryxus altacordillera</i> 8055'	CASCADE: Forest Road 251, E of Kings Hill	22-Jul-13	SJK
<i>Oeneis melissa beanii</i> 9775-10146'	SWEET GRASS: vic. Chrome Mountain, East Boulder Plateau	18-Jul-13	SJK
<i>Euptoieta claudia</i>	LINCOLN: near Sophie Lake, 7 mi. NEW of Eureka	20-Sep-13	SJK
<i>Speyeria hydaspe</i> photo documentation, 46° 16.989' N; -112° 28.428' W; elevation 6076'	Jefferson: Thunderbolt Creek, 2 mi N of Whitehouse CG	27-Jun-13	NS
<i>Limnitis archippus</i> photo documentation, 48° 0.169' N; -110° 15.184' W	Chouteau: Virgelle Ferry Landing, Missouri River	04-Aug-13	NS
<i>Vanessa atalanta</i> photo documentation, 47° 49.844' N; -112° 35.653' W	Lewis and Clark: Trout Creek Canyon, 2 mi E of Vigilante CG	15-Sep-13	NS
<i>Vanessa atalanta</i> photo documentation, 47.530009 N, -111.235038 W	Cascade: 2 mi W of Giant Springs SP, Great Falls	06-Oct-13	NS
<i>Aglais milberti</i> photo documentation, 45.602914 N, -111.932820 W	Madison: Albro Lake Tr 333, Tobacco Root Mts	13-Jul-13	NS
<i>Aglais milberti</i> photo documentation, 46.188328 N, -113.287679 W	Granite: Georgetown Lake, W side	16-Aug-13	NS
<i>Nymphalis antiopa</i> photo documentation, 46° 10.712' N; -112° 45.60' W	Deer Lodge: Warm Springs Ponds	05-May-13	NS
<i>Nymphalis l-album watsoni</i> 4700'	TETON: Teton River, 25 mi. NW of Choteau	02-May-13	SJK
<i>Nymphalis l-album watsoni</i> Little Rocky Mountains, 3825-4315' elev.,	BLAINE: SE Hays, North Fork Little Peoples Cr.,	09-May-13	SJK
<i>Polygonia progne</i> Little Rocky Mountains, 3825-4315' elev.,	BLAINE: SE Hays, North Fork Little Peoples Cr.,	09-May-13	SJK
<i>Euphydryas editha</i> photo documentation, 47° 2.076' N; -112° 34.864' W; elevation 4944'	Lewis and Clark: Copper Cr Rd, 5 mi W of Copper Cr CG	16-Jun-13	NS
<i>Euphydryas editha</i> photo documentation, 46° 18.650' N; -112° 10.200' W	Jefferson: Comet mine site, 6 mi NW of Boulder	30-Jun-13	NS

Moths

ACROLOPHIDAE

<i>Amydria effrentella</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	09-Jul-11	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Amydria obliquella</i>	ROSEBUD: Ashland District Ranger Station	13-Jul-12	RAM
photo documentation at uv lights,	45° 35.388' N; -106° 15.840' W; captured by Don Sasse USFS		

TINEIDAE

<i>Monopis spilotella</i>	PHILLIPS: Malta, 420 South 5th Avenue West	07-Jun-12	RAM
photo documentation at uv lights,	48° 21.3864' N; -107° 52.9716' W		

GRACILLARIIDAE

<i>Caloptilia agrifoliella</i>	YELLOWSTONE: 2311 Pine St., Billings	22-Sep-13	RAM
moth captured by Don Sasse at residence,	45° 47.575' N; -108° 31.519' W		

OECOPHORIDAE

<i>Brymbia quadrimaculella</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	07-Jun-13	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W; fw 5mm		
<i>Polix coloradella</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	23-Jun-10	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		

ELACHISTIDAE

<i>Agonopterix alstroemeriana</i>	BROADWATER: Missouri River 3 miles north of Townsend	12-Apr-12	RAM
photo documentation at uv lights,	46°20.4162' N; -111°31.5774' W		
<i>Agonopterix argillacea</i>	BROADWATER: Missouri River 3 miles north of Townsend	12-Apr-12	RAM
photo documentation at uv lights,	46° 21.024' N; -111° 31.850' W; elevation 3631'		
<i>Agonopterix canadensis</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	30-Mar-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Agonopterix oregonensis</i>	LEWIS & CLARK: Copper Creek 10 miles north of Lincoln	06-May-12	RAM
photo documentation at uv lights,	47° 5.147' N; -112° 40.741' W; elevation 5483'		
<i>Agonopterix pulvipennella</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	31-Oct-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Agonopterix sabulella</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	11-Apr-13	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Depressaria alienella</i>	MISSOULA: South Fork Cold Ck. 5 miles west of Condon	27-Aug-12	RAM
photo documentation at uv lights,	47° 32.040' N; -113° 48.060' W		
<i>Apachea barberella</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	12-Aug-13	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W; <i>Prunus virginiana</i> present		
<i>Ethmia discostrigella</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	09-Jun-13	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Ethmia marmorea</i>	LEWIS & CLARK: Cottonwood Gulch 6 miles N of York	27-Jul-13	RAM
photo documentation at uv lights,	46°47.8932' N; -111°47.700' W		
<i>Ethmia mirusella</i>	ROSEBUD: Ashland District Ranger Station	24-May-12	RAM
photo documentation at uv lights,	45°35.388' N; -106°15.840' W; captured by Don Sasse USFS		
<i>Ethmia monticola</i>	LEWIS & CLARK: Cottonwood Gulch 6 miles N of York	05-Jul-11	RAM
photo documentation at uv lights,	46°47.8932' N; -111°47.700' W		
<i>Perittia herrichiella</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	10-Jul-10	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Rhamphura altisierrae</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	11-Jun-13	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W; fw 6mm		

GELECHIIDAE

<i>Nealyda bifidella</i>	MISSOULA: South Fork Cold Ck. 5 miles west of Condon	29-Jul-12	RAM
photo documentation at uv lights,	47° 32.040' N; -113° 48.060' W		
<i>Metzneria lappella</i>	ROSEBUD: Ashland District Ranger Station	13-Jul-12	RAM
photo documentation at uv lights,	45°35.388' N; -106°15.840' W; captured by Don Sasse USFS		
<i>Isophrictis anteliella</i>	ROSEBUD: Ashland District Ranger Station	27-Aug-12	RAM
photo documentation at uv lights,	45°35.388' N; -106°15.840' W; captured by Don Sasse USFS		
<i>Aristotelia devexella</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	31-Jul-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Coleotechnites milleri</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	15-Jun-11	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Taygete decemmaculella</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	10-Apr-13	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Lita jubata</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	11-Sep-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Lita puertella</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	28-Aug-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Lita recens</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	26-Aug-10	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Lita rectistrigella</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	12-Sep-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		

<i>Lita sexpunctella</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	10-Jul-12	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Lita variabilis</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	15-Sep-12	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Lita variabilis</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	26-Aug-13	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Gelechia bianulella</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	13-Oct-12	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Gelechia versutella</i>	BROADWATER: Missouri River 3 miles north of Townsend	28-May-13	RAM
photo documentation at uv lights, 46°20.4162' N; -111°31.5774' W			
<i>Gnorimoschema octomaculella</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	07-Aug-12	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Scrobipalpa obsoletella</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	23-Jun-11	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Ptycerata petrella</i>	LEWIS & CLARK: Copper Creek 10 miles north of Lincoln	29-Jul-13	RAM
photo documentation at uv lights, 47°5.147' N; -112°40.741' W; elevation 5483'; fw 5mm			
<i>Chionodes imber</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	08-Jun-13	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Chionodes lugubrella</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	27-Jul-12	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Chionodes mediofuscella</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	11-May-12	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Chionodes nanodella</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	13-Jun-13	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Filatima albicostella</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	13-Mar-13	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Filatima hemicrossa</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	27-Sep-12	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Filatima serotinella</i>	ROSEBUD: Ashland District Ranger Station	27-Jun-13	RAM
photo documentation at uv lights, 45°35.388' N; -106°15.840' W; captured by Don Sasse USFS			
<i>Aroga unifasciella</i>	JEFFERSON: Thunderbolt Creek, 10.5 miles west of Basin	28-Jun-13	RAM
photo documentation at uv lights, 46°35.333' N; -111°54.793' W; elevation 5906'			
<i>Battaristis concinuseella</i>	PHILLIPS: Malta, 420 South 5th Avenue West	07-Jun-12	RAM
photo documentation at uv lights, 48° 21.3864' N; -107° 52.9716' W			
<i>Anacampsis niveopulvella</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	10-Aug-12	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Brachmia badia</i>	ROSEBUD: Ashland District Ranger Station	13-Jul-12	RAM
photo documentation at uv lights, 45° 35.388' N; -106° 15.840' W; captured by Don Sasse USFS			
<i>Dichomeris simplicella</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	11-Jul-11	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
BLASTOBASIDAE			
<i>Gerdana caritella</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	07-Aug-12	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Blastobasis glandulella</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	28-Jun-11	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Holcocera chalcoprontella</i>	ROSEBUD: Ashland District Ranger Station	09-May-12	RAM
photo documentation at uv lights, 45° 35.388' N; -106° 15.840' W; captured by Don Sasse USFS			
MOMPHIDAE			
<i>Mompha alpapalpella</i>	LEWIS & CLARK: Copper Creek 10 miles north of Lincoln	29-Jul-13	RAM
photo documentation at uv lights, 47°5.147' N; -112°40.741' W; elevation 5483'			
<i>Mompha idaei</i>	LEWIS & CLARK: Cottonwood Gulch 6 miles N of York	05-Jul-13	RAM
photo documentation at uv lights, 46°47.8932' N; -111°47.700' W			
COSMOPTERIGIDAE			
<i>Limnaecia phragmitella</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	24-Jul-11	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Walshia miscecolorella</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	12-Jun-13	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
SCYTHRIDIDAE			
<i>Scythis eboracensis</i>	ROSEBUD: Ashland District Ranger Station	11-Jun-13	RAM
photo documentation at uv lights, 45°35.388' N; -106°15.840' W; fw 5mm, captured by Don Sasse USFS			
<i>Scythis limbella</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	28-Jun-11	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
ALUCITIDAE			
<i>Alucita montana</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	02-Apr-13	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
CARPOSINIDAE			

<i>Bondia crescentella</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	09-May-13	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
PLUTELLIDAE			
<i>Rhigognostis interrupta</i>	LEWIS & CLARK: Cottonwood Gulch 6 miles N of York	06-May-13	RAM
photo documentation at uv lights, 46°47.8932' N; -111°47.700' W			
<i>Plutella porrectella</i>	JEFFERSON: Thunderbolt Creek, 10.5 miles west of Basin	13-Sep-13	RAM
photo documentation at uv lights, 46° 16.989' N; -112° 28.428' W; elevation 6076'			
<i>Plutella xylostella</i>	GALLATIN: Three Hearts Farm, 2111 Love Lane, Bozeman	11-Sep-13	RAM
organic farm with Brassica crops, 45° 43.327' N; -111° 8.746' W			
<i>Plutella xylostella</i>	ROSEBUD: Ashland District Ranger Station	16-Sep-13	RAM
photo documentation at uv lights, 45°35.388' N; -106° 15.840' W; captured by Don Sasse USFS			
<i>Plutella xylostella</i>	YELLOWSTONE: 2311 Pine St., Billings	22-Sep-13	RAM
moth captured by Don Sasse at residence, 45° 47.575' N; -108° 31.519' W			
<i>Ypsolopha flavistrigella</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	20-Apr-13	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W; fw 11mm			
YPONOMEUTIDAE			
<i>Zelleria haimbachi</i>	MISSOULA: 2 miles NW Condon, USFS road #888c	14-Aug-13	RAM
photo documentation at uv lights, 47° 34.500' N; -113° 47.184' W			
ARGYRESTHIIDAE			
<i>Argyresthia alternatella</i>	ROSEBUD: Ashland District Ranger Station	16-May-13	RAM
photo documentation at uv lights, 45°35.388' N; -106°15.840' W; fw 4mm, captured by Don Sasse USFS			
CRAMBIDAE			
<i>Chalcoela iphitalis</i>	YELLOWSTONE: 2311 Pine St., Billings	05-Jun-13	RAM
moth captured by Don Sasse at residence			
<i>Crambus cypridalis</i>	ROSEBUD: Ashland District Ranger Station	03-Sep-13	RAM
photo documentation at uv lights, 45° 35.388' N; -106° 15.840' W; captured by Don Sasse USFS			
<i>Crambus hamellus</i>	YELLOWSTONE: 2311 Pine St., Billings	05-Jun-13	RAM
moth captured by Don Sasse at residence			
<i>Crambus hamellus</i>	MISSOULA: 2 miles NW Condon, USFS road #888c	28-Aug-13	RAM
photo documentation at uv lights, 47° 34.500' N; -113° 47.184' W			
<i>Crambus perlellus</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	04-Aug-12	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Crambus whitmerellus</i>	LEWIS & CLARK: Cottonwood Gulch 6 miles N of York	05-Jul-13	RAM
photo documentation at uv lights, 46°47.8932' N; -111°47.700' W			
<i>Hahncappisia coloradensis</i>	ROSEBUD: Ashland District Ranger Station	11-Jun-13	RAM
photo documentation at uv lights, 45°35.388' N; -106°15.840' W; captured by Don Sasse USFS			
<i>Herpetogramma phaeopteralis</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	28-Jun-12	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Mimoschinia rufofacialis</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	23-Jul-13	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Munroessa icciusalis</i>	MISSOULA: 2 miles NW Condon, USFS road #888c	14-Aug-13	RAM
photo documentation at uv lights, 47° 34.500' N; -113° 47.184' W			
<i>Prorasea simalis</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	11-Jun-13	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Thaumatopsis fernaldella</i>	ROSEBUD: Ashland District Ranger Station	31-May-12	RAM
photo documentation at uv lights, 45°35.388' N; -106°15.840' W; captured by Don Sasse USFS			
<i>Thaumatopsis fernaldella</i>	ROSEBUD: Ashland District Ranger Station	21-Aug-13	RAM
photo documentation at uv lights, 45° 35.388' N; -106° 15.840' W; captured by Don Sasse USFS			
PYRALIDAE			
<i>Sciota basilaris</i>	BROADWATER: Missouri River 3 miles north of Townsend	06-Jun-13	RAM
photo documentation at uv lights, 46°20.4162' N; -111°31.5774' W			
<i>Sciota fernaldi</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	30-Jun-13	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Epipaschia zelleri</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	01-Jul-13	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Galleria mellonella</i>	ROSEBUD: Ashland District Ranger Station	21-Aug-13	RAM
photo documentation at uv lights, 45° 35.388' N; -106° 15.840' W; captured by Don Sasse USFS,			
<i>Galleria mellonella</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	07-Sep-13	RAM
vouchered and id'd by PAO, taken at uv lights, 46°35.38' N; -111°54.933' W			
<i>Dasypyga alternosquamella</i>	LEWIS & CLARK: 12 miles east of Lincoln,	12-Jul-12	RAM
junction of Hwy 200 and Hwy 279, photo documentation at uv lights, 47°1.284' N; -112°28.050' W			
<i>Polopeustis arctiella</i>	JEFFERSON: Thunderbolt Creek, 10.5 miles west of Basin	28-Jun-13	RAM
photo documentation at uv lights, 46°35.333' N; -111°54.793' W; elevation 5906'; fw 9mm			
<i>Phobus curvatellus</i>	ROSEBUD: Ashland District Ranger Station	16-May-13	RAM
photo documentation at uv lights, 45°35.388' N; -106°15.840' W; captured by Don Sasse USFS			
<i>Sarata edwardsialis</i>	LEWIS & CLARK: Helena Regulating Reservoir	30-Mar-13	RAM
photo documentation at uv lights, 46°38.597' N; -111°52.839' W			

Sarata nigrifasciella	LEWIS & CLARK: Cottonwood Gulch 6 miles N of York	05-Apr-13	RAM
photo documentation at uv lights,	46°47.8932' N; -111°47.700' W		
Homoeosoma illuviellum	LEWIS & CLARK: East Helena, 414 1/2 East Clark	23-Jun-11	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
Bandra virginella	LEWIS & CLARK: Cottonwood Gulch 6 miles N of York	15-Jul-13	RAM
photo documentation at uv lights,	46°47.8932' N; -111°47.700' W		
Peoria approximella	ROSEBUD: Ashland District Ranger Station	16-Jul-13	RAM
photo documentation at uv lights,	45°35.388' N; -106°15.840' W; captured by Don Sasse USFS		
PTEROPHORIDAE			
Geina periscelidactyla	MISSOULA: South Fork Cold Creek, 5 miles west of Condon	13-Jul-13	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W		
Oxyptilus delawaricus	MISSOULA: South Fork Cold Ck. 5 miles west of Condon	27-Aug-12	RAM
photo documentation at uv lights,	47° 32.040' N; -113° 48.060' W		
Trichoptilus lobidactylus	MISSOULA: South Fork Cold Ck. 5 miles west of Condon	29-Jul-12	RAM
photo documentation at uv lights,	47° 32.040' N; -113° 48.060' W		
Platyptilia carduidactyla	LEWIS & CLARK: Cottonwood Gulch 6 miles N of York	02-Jul-11	RAM
photo documentation at uv lights,	46°47.8932' N; -111°47.700' W		
Platyptilia carduidactyla	LEWIS & CLARK: East Helena, 414 1/2 East Clark	29-Sep-13	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
Platyptilia pallidactyla	LEWIS & CLARK: Copper Creek 10 miles north of Lincoln	29-Jul-13	RAM
photo documentation at uv lights,	47°5.147' N; -112°40.741' W; elevation 5483'		
Platyptilia tesseradactyla	JEFFERSON: Thunderbolt Creek, 10.5 miles west of Basin	22-Jul-12	RAM
photo documentation at uv lights,	46° 16.989' N; -112° 28.428' W; elevation 6076'		
Lioptilodes albistriolatus	LEWIS & CLARK: East Helena, 414 1/2 East Clark	28-Sep-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
Stenoptilodes auriga	LEWIS & CLARK: East Helena, 414 1/2 East Clark	01-Aug-11	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
Stenoptilodes carolina	LEWIS & CLARK: East Helena, 414 1/2 East Clark	21-Jul-11	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
Oidaematophorus eupatorii	LEWIS & CLARK: East Helena, 414 1/2 East Clark	30-Aug-13	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
Oidaematophorus lacteodactylus	MISSOULA: South Fork Cold Creek, 5 miles west of Condon	13-Jul-13	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W		
Oidaematophorus paleaceus	ROSEBUD: Ashland District Ranger Station	03-Sep-13	RAM
photo documentation at uv lights,	45° 35.388' N; -106° 15.840' W; captured by Don Sasse USFS		
Emmelina monodactyla	ROSEBUD: Ashland District Ranger Station	16-Sep-13	RAM
photo documentation at uv lights,	45° 35.388' N; -106° 15.840' W; captured by Don Sasse USFS		
Stenoptilia coloradensis	LEWIS & CLARK: Copper Creek 10 miles north of Lincoln	08-Jul-13	RAM
photo documentation at uv lights,	47°5.147' N; -112°40.741' W; elevation 5483'		
Pselnophorus belfragei	LEWIS & CLARK: East Helena, 414 1/2 East Clark	31-Oct-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
Adaina montana	LEWIS & CLARK: Cottonwood Gulch 6 miles N of York	02-Jul-11	RAM
photo documentation at uv lights,	46° 47.8932' N; -111° 47.700' W		
TORTRICIDAE			
Bactra furfurana	ROSEBUD: Ashland District Ranger Station	07-Aug-13	RAM
photo documentation at uv lights,	45° 35.388' N; -106° 15.840' W; captured by Don Sasse USFS		
Lobesia palliolana	LEWIS & CLARK: East Helena, 414 1/2 East Clark	03-Jul-11	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
Olethreutes turfosana	MISSOULA: South Fork Cold Creek, 5 miles west of Condon	01-Aug-13	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W		
Phaneta griseocapitana	LEWIS & CLARK: East Helena, 414 1/2 East Clark	26-Jun-13	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
Phaneta griseocapitana	ROSEBUD: Ashland District Ranger Station	07-Aug-13	RAM
photo documentation at uv lights,	45° 35.388' N; -106° 15.840' W; captured by Don Sasse USFS		
Phaneta infimbriana	MISSOULA: South Fork Cold Creek, 5 miles west of Condon	13-Jul-13	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W		
Phaneta perangustana	JEFFERSON: Thunderbolt Creek, 10.5 miles west of Basin	28-Jun-13	RAM
photo documentation at uv lights,	46°35.333' N; -111°54.793' W; elevation 5906'		
Phaneta raracana	LEWIS & CLARK: Cottonwood Gulch 6 miles N of York	15-Jul-13	RAM
photo documentation at uv lights,	46°47.8932' N; -111°47.700' W		
Phaneta tarandana	LEWIS & CLARK: East Helena, 414 1/2 East Clark	27-Aug-13	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
Eucosma comatulana	ROSEBUD: Ashland District Ranger Station	08-Aug-12	RAM
photo documentation at uv lights,	45°35.388' N; -106°15.840' W; captured by Don Sasse USFS		
Eucosma pulveratana	ROSEBUD: Ashland District Ranger Station	21-Aug-13	RAM
Pelochrista scintillana	ROSEBUD: Ashland District Ranger Station	16-Jul-13	RAM
photo documentation at uv lights,	45°35.388' N; -106°15.840' W; captured by Don Sasse USFS		

Gretchena bolliana	LEWIS & CLARK: East Helena, 414 1/2 East Clark	05-Apr-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
Rhopobota naevana	MISSOULA: South Fork Cold Creek, 5 miles west of Condon	01-Aug-13	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W		
Epinotia arctostaphylana	MISSOULA: 2 miles NW Condon, USFS road #888c	21-Sep-13	RAM
photo documentation at uv lights,	47° 34.500' N; -113° 47.184' W		
Epinotia trigonella	LEWIS & CLARK: Cottonwood Gulch 6 miles N of York	27-Jul-13	RAM
photo documentation at uv lights,	46°47.8932' N; -111°47.700' W		
Epinotia zandana	BROADWATER: Missouri River 3 miles north of Townsend	08-May-13	RAM
photo documentation at uv lights,	46°20.4162' N; -111°31.5774' W		
Ancylis goodelliana	BROADWATER: Missouri River 3 miles north of Townsend	26-Jul-13	RAM
photo documentation at uv lights,	46°20.4162' N; -111°31.5774' W		
Hystriochophora ochreicostana	LEWIS & CLARK: East Helena, 414 1/2 East Clark	07-Jul-13	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
Dichrorampha radicolana	LEWIS & CLARK: Cottonwood Gulch 6 miles N of York	03-Jul-12	RAM
photo documentation at uv lights,	46°47.8932' N; -111°47.700' W		
Dichrorampha radicolana	LEWIS & CLARK: Cottonwood Gulch 6 miles N of York	09-Aug-13	RAM
photo documentation at uv lights,	46° 47.8932' N; -111° 47.700' W		
Phtheochroa aurorana	ROSEBUD: Ashland District Ranger Station	07-Aug-13	RAM
photo documentation at uv lights,	45° 35.388' N; -106° 15.840' W; captured by Don Sasse USFS		
Phtheochroa vulneratana	LEWIS & CLARK: Cottonwood Gulch 6 miles N of York	15-Jul-13	RAM
photo documentation at uv lights,	46°47.8932' N; -111°47.700' W; fw 10mm		
Phtheochroa hoffmanana	LEWIS & CLARK: Cottonwood Gulch 6 miles N of York	05-Jul-13	RAM
photo documentation at uv lights,	46°47.8932' N; -111°47.700' W		
Cydia bracteata	JEFFERSON: Thunderbolt Creek, 10.5 miles west of Basin	13-Sep-13	RAM
photo documentation at uv lights,	46° 16.989' N; -112° 28.428' W, 6076' elev., lodgepole pine/subalpine fir hab.		
Cydia garacana	LEWIS & CLARK: Copper Creek 10 miles north of Lincoln	08-Jul-13	RAM
photo documentation at uv lights,	47°5.147' N; -112°40.741' W; elevation 5483'		
Acleris celiana	LEWIS & CLARK: Cottonwood Gulch 6 miles N of York	06-May-13	RAM
photo documentation at uv lights,	46° 47.8932' N; -111° 47.700' W		
Decodes macdunnoughi	LEWIS & CLARK: East Helena, 414 1/2 East Clark	18-Sep-13	23-Sep-13 RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
Pandemis limitata	MISSOULA: South Fork Cold Creek, 5 miles west of Condon	13-Jul-13	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W		
Choristoneura obsoletana	MISSOULA: South Fork Cold Creek, 5 miles west of Condon	01-Aug-13	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W		
Choristoneura zapulata	LEWIS & CLARK: Copper Creek 10 miles north of Lincoln	29-Jul-13	RAM
photo documentation at uv lights,	47°5.147' N; -112°40.741' W; elevation 5483'		
Sparganothis sulfureana	ROSEBUD: Ashland District Ranger Station	16-Jul-13	RAM
photo documentation at uv lights,	45°35.388' N; -106°15.840' W; captured by Don Sasse USFS		
Sparganothis unifasciana	BROADWATER: Missouri River 3 miles north of Townsend	26-Jul-13	RAM
photo documentation at uv lights,	46°20.4162' N; -111°31.5774' W		
Hysterosia aegrana	LEWIS & CLARK: Copper Creek 10 miles north of Lincoln	08-Jul-13	RAM
photo documentation at uv lights,	47°5.147' N; -112°40.741' W; elevation 5483'		
EIPLEMIDAE			
Callizzia amorata	MISSOULA: South Fork Cold Creek, 5 miles west of Condon	13-Jul-13	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W		
GEOMETRIDAE			
Alsophila pometaria	LEWIS & CLARK: East Helena, 414 1/2 East Clark	30-Oct-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
Protitame subalbaria	LEWIS & CLARK: Copper Creek 10 miles north of Lincoln	18-Jun-13	RAM
photo documentation at uv lights,	47°5.147' N; -112°40.741' W; elevation 5483'		
Macaria marcescaria	LEWIS & CLARK: Copper Creek 10 miles north of Lincoln	29-Jul-13	RAM
photo documentation at uv lights,	47°5.147' N; -112°40.741' W; elevation 5483'		
Digrammia indeterminata	LEWIS & CLARK: Copper Creek 10 miles north of Lincoln	08-Jul-13	RAM
photo documentation at uv lights,	47°5.147' N; -112°40.741' W; elevation 5483'		
Digrammia californiaria	ROSEBUD: Ashland District Ranger Station	07-Aug-13	RAM
photo documentation at uv lights,	45° 35.388' N; -106° 15.840' W; captured by Don Sasse USFS		
Digrammia irrorata	BROADWATER: Missouri River 3 miles north of Townsend	16-May-13	RAM
photo documentation at uv lights,	46°20.4162' N; -111°31.5774' W		
Digrammia sexpunctata	LEWIS & CLARK: Cottonwood Gulch 6 miles N of York	06-May-13	RAM
photo documentation at uv lights,	46°47.8932' N; -111°47.700' W		
Digrammia terramalata	ROSEBUD: Ashland District Ranger Station	16-Jul-13	RAM
photo documentation at uv lights,	45°35.388' N; -106°15.840' W; captured by Don Sasse USFS		
Digrammia imparilata	ROSEBUD: Ashland District Ranger Station	11-Jun-13	RAM
photo documentation at uv lights,	45° 35.388' N; -106° 15.840' W; captured by Don Sasse USFS		
Narraga fimetaria	ROSEBUD: Ashland District Ranger Station	16-Jul-13	RAM
photo documentation at uv lights,	45°35.388' N; -106°15.840' W; captured by Don Sasse USFS		

<i>Glena interpunctata</i>	LEWIS & CLARK: Cottonwood Gulch 6 miles N of York	29-Jun-12	RAM
photo documentation at uv lights,	46° 47.8932' N; -111° 47.700' W		
<i>Stenoporpia polygrammaria</i>	LEWIS & CLARK: Cottonwood Gulch 6 miles N of York	24-Jun-13	RAM
photo documentation at uv lights,	46°47.8932' N; -111°47.700' W		
<i>Gnophos macguffini</i>	LEWIS & CLARK: Copper Creek 10 miles north of Lincoln	07-Aug-13	RAM
photo documentation at uv lights,	47° 5.147' N; -112° 40.741' W; elevation 5483'		
<i>Hypagyrtis unipunctata</i>	MISSOULA: South Fork Cold Creek, 5 miles west of Condon	13-Jul-13	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W		
<i>Phigalia denticulata</i>	ROSEBUD: Ashland District Ranger Station	13-May-13	RAM
photo documentation at uv lights,	45°35.388' N; -106°15.840' W; captured by Don Sasse USFS		
<i>Euchlaena muzaria</i>	BROADWATER: Missouri River 3 miles north of Townsend	10-Jul-13	RAM
photo documentation at uv lights,	46°20.4162' N; -111°31.5774' W		
<i>Gabriola minima</i>	MISSOULA: 2 miles NW Condon, USFS road #888c	14-Aug-13	RAM
photo documentation at uv lights,	47° 34.500' N; -113° 47.184' W		
<i>Thalophaga taylorata</i>	MISSOULA: South Fork Cold Creek, 5 miles west of Condon	10-Jun-13	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W		
<i>Plataea trilinearia</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	16-Jun-13	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Synaxis pallulata</i>	JEFFERSON: Thunderbolt Creek, 10.5 miles west of Basin	13-Sep-13	RAM
photo documentation at uv lights,	46° 16.989' N; -112° 28.428' W; elevation 6076'		
<i>Nemoria unitaria</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	21-Jul-10	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Cyclophora packardi</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	11-Jul-13	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Scopula siccata</i>	JEFFERSON: Thunderbolt Creek, 10.5 miles west of Basin	15-Aug-13	RAM
photo documentation at uv lights,	46° 16.989' N; -112° 28.428' W; elevation 6076'		
<i>Leptostales rubromarginaria</i>	ROSEBUD COUNTY: Ashland District Ranger Station	16-May-13	RAM
photo documentation at uv lights,	45°35.388' N; -106°15.840' W; captured by Don Sasse USFS		
<i>Thera contractata</i>	JEFFERSON: Thunderbolt Creek, 10.5 miles west of Basin	15-Aug-13	RAM
photo documentation at uv lights,	46° 16.989' N; -112° 28.428' W; elevation 6076'		
<i>Thera latens</i>	JEFFERSON: Thunderbolt Creek, 10.5 miles west of Basin	15-Aug-13	RAM
photo documentation at uv lights,	46° 16.989' N; -112° 28.428' W; elevation 6076'		
<i>Hydriomena exculpata</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	31-Jul-10	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Hydriomena irata</i>	LEWIS & CLARK: Copper Creek 10 miles north of Lincoln	18-Jun-13	RAM
photo documentation at uv lights,	47°5.147' N; -112°40.741' W; elevation 5483'		
<i>Hydriomena nevadae</i>	BROADWATER: Missouri River 3 miles north of Townsend	08-May-13	RAM
photo documentation at uv lights,	46°20.4162' N; -111°31.5774' W		
<i>Rheumaptera subhastata</i>	LINCOLN: N of Lincoln, 2 mi. S of Copper Creek CG, Copper Crk Rd., Helena National Forest, photo documentation,	18-Jun-13	NS
<i>Mesoleuca ruficillata</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	09-Jul-13	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Anticlea vasilata</i>	MISSOULA: South Fork Cold Creek, 5 miles west of Condon	13-Jul-13	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W		
<i>Xanthorhoe lacustrata</i>	MISSOULA: 2 miles NW Condon, USFS road #888c	21-Sep-13	RAM
photo documentation at uv lights,	47° 34.500' N; -113° 47.184' W		
<i>Zenophleps alpinata</i>	JEFFERSON: Thunderbolt Creek, 10.5 miles west of Basin	15-Aug-13	RAM
photo documentation at uv lights,	46° 16.989' N; -112° 28.428' W; elevation 6076'		
<i>Epirrita undulata</i>	JEFFERSON: Thunderbolt Creek, 10.5 miles west of Basin	13-Sep-13	RAM
photo documentation at uv lights,	46° 16.989' N; -112° 28.428' W; elevation 6076'		
<i>Operophtera bruceata</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	13-Oct-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Eupithecia albimontanata</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	19-Jul-10	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Eupithecia gelidata</i>	LEWIS & CLARK: Copper Creek 10 miles north of Lincoln	30-Jul-11	RAM
photo documentation at uv lights,	47°5.147' N; -112°40.741' W; elevation 5483'		
<i>Eupithecia interruptofasciata</i>	LEWIS & CLARK: Copper Creek 10 miles north of Lincoln	06-Aug-13	RAM
photo documentation at uv lights,	47° 5.147' N; -112° 40.741' W; elevation 5483'		
<i>Eupithecia lafontaineata</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	06-Jun-11	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Eupithecia ravocostaliata</i>	LEWIS & CLARK: Helena Regulating Reservoir	02-Apr-13	RAM
photo documentation at uv lights,	46°38.597' N; -111°52.839' W		
LASIOCAMPIDAE			
<i>Tolype dayi</i>	ROSEBUD: Ashland District Ranger Station	21-Aug-13	RAM
photo documentation at uv lights,	45° 35.388' N; -106° 15.840' W; captured by Don Sasse USFS		
SPHINGIDAE			
<i>Sphinx perelegans</i>	LEWIS & CLARK: Copper Creek 10 miles north of Lincoln	08-Jul-13	RAM
photo documentation at uv lights,	47°5.147' N; -112°40.741' W; elevation 5483'		

NOTODONTIDAE

<i>Clostera albosigma</i>	JEFFERSON: Thunderbolt Creek, 10.5 miles west of Basin	28-Jun-13	RAM
photo documentation at uv lights,	46°35.333' N; -111°54.793' W; elevation 5906'; fw 5mm		
<i>Oligocentria pallida</i>	MISSOULA: South Fork Cold Creek, 5 miles west of Condon	13-Jul-13	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W		

EREBIDAE

<i>Virbia ferruginosa</i>	ROSEBUD: Ashland District Ranger Station	27-Jun-13	RAM
photo documentation at uv lights,	45°35.388' N; -106°15.840' W; captured by Don Sasse USFS		
<i>Virbia fragilis</i>	ROSEBUD: Ashland District Ranger Station	16-Jul-13	RAM
photo documentation at uv lights,	45°35.388' N; -106°15.840' W; captured by Don Sasse USFS		
<i>Grammia nevadensis</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	07-Sep-13	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Grammia virguncula</i>	LEWIS & CLARK: Copper Creek 10 miles north of Lincoln	08-Jul-13	RAM
photo documentation at uv lights,	47°5.147' N; -112°40.741' W; elevation 5483'		
<i>Pyrrharctia isabella</i>	BROADWATER: Missouri River 3 miles north of Townsend	16-Jun-13	RAM
photo documentation at uv lights,	46°20.4162' N; -111°31.5774' W		
<i>Spilosoma virginica</i>	MISSOULA: South Fork Cold Creek, 5 miles west of Condon	10-Jun-13	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W		
<i>Gnophaela vermiculata</i>	Lewis and Clark: Red Mountain, Helena Natl Forest	06-Jul-13	NS
photo documentation,	46° 27.642' N; -112° 13.421' W		
<i>Gnophaela vermiculata</i>	Lewis and Clark: Chessman Resv flume, 1 mi W of outlet	14-Jul-13	NS
photo documentation,	46° 28.228' N; -112° 11.764' W		
<i>Rivula propinqualis</i>	MISSOULA: South Fork Cold Creek, 5 miles west of Condon	13-Jul-13	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W; fw 15mm		
<i>Zanclognatha jacchusalis</i>	ROSEBUD: Ashland District Ranger Station	16-Jul-13	RAM
photo documentation at uv lights,	45°35.388' N; -106°15.840' W; captured by Don Sasse USFS		
<i>Chytolita morbidalis</i>	ROSEBUD: Ashland District Ranger Station	11-Jun-13	RAM
photo documentation at uv lights,	45°35.388' N; -106°15.840' W; captured by Don Sasse USFS		
<i>Hypena californica</i>	MISSOULA: 2 miles NW Condon, USFS road #888c	28-Aug-13	RAM
photo documentation at uv lights,	47° 34.500' N; -113° 47.184' W		
<i>Hypena scabra</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	20-Oct-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Catocala briseis</i>	BROADWATER: Missouri River 3 miles north of Townsend	04-Aug-13	RAM
photo documentation at uv lights,	46° 21.024' N; -111° 31.850' W; elevation 3631'		
<i>Catocala californica</i>	MISSOULA: 2 miles NW Condon, USFS road #888c	28-Aug-13	RAM
photo documentation at uv lights,	47° 34.500' N; -113° 47.184' W (State Record)		
<i>Catocala grotiana</i>	JEFFERSON: Thunderbolt Creek, 10.5 miles west of Basin	13-Sep-13	RAM
photo documentation at uv lights,	46° 16.989' N; -112° 28.428' W; elevation 6076'		
<i>Catocala relicta</i>	BROADWATER: Missouri River 3 miles north of Townsend	08-Sep-13	RAM
photo documentation at uv lights,	46° 21.024' N; -111° 31.850' W; elevation 3631'		
<i>Catocala unijuga</i>	BROADWATER: Missouri River 3 miles north of Townsend	11-Aug-13	RAM
photo documentation at uv lights,	46° 21.024' N; -111° 31.850' W; elevation 3631'		

NOCTUIDAE

<i>Lasionycta coloradensis</i>	LEWIS & CLARK: Cottonwood Gulch 6 miles N of York	05-Jul-13	RAM
photo documentation at uv lights,	46°47.8932' N; -111°47.700' W		
<i>Pseudeva purpurigera</i>	BROADWATER: Missouri River 3 miles north of Townsend	04-Aug-13	RAM
photo documentation at uv lights,	46° 21.024' N; -111° 31.850' W; elevation 3631'		
<i>Autographa californica</i>	Lewis and Clark: Sieben Canyon Rd, 5 mi W of I-15 exit 219	14-Sep-13	NS
photo documentation,	46.844489 N; -112.190613 W		
<i>Autographa californica</i>	Lewis and Clark: Helena, city limits	09-Oct-13	NS
photo documentation,	46.584515 N; -112.015649 W, late date record		
<i>Autographa precationis</i>	LEWIS & CLARK: Cottonwood Gulch 6 miles N of York	19-Aug-13	RAM
photo documentation at uv lights,	46° 47.8932' N; -111° 47.700' W		
<i>Syngrapha angulidens</i>	LEWIS & CLARK: Copper Creek 10 miles north of Lincoln	29-Jul-13	RAM
photo documentation at uv lights,	47°5.147' N; -112°40.741' W; elevation 5483'		
<i>Syngrapha rectangula</i>	MISSOULA: South Fork Cold Creek, 5 miles west of Condon	01-Aug-13	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W		
<i>Syngrapha viridisigma</i>	MISSOULA: South Fork Cold Creek, 5 miles west of Condon	27-Aug-12	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W		
<i>Plusia putnami</i>	LEWIS & CLARK: Copper Creek 10 miles north of Lincoln	29-Jul-13	RAM
photo documentation at uv lights,	47°5.147' N; -112°40.741' W; elevation 5483'		
<i>Protodeltote albidula</i>	MISSOULA: South Fork Cold Creek, 5 miles west of Condon	10-Jun-13	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W		
<i>Maliattha synochitis</i>	ROSEBUD: Ashland District Ranger Station	27-Jun-13	RAM
photo documentation at uv lights,	45°35.388' N; -106°15.840' W		
<i>Acronicta longa</i>	BROADWATER: Missouri River 3 miles north of Townsend	26-Jul-13	RAM
photo documentation at uv lights,	46°20.4162' N; -111°31.5774' W		

<i>Acronicta perdita</i>	LEWIS & CLARK: Copper Creek 10 miles north of Lincoln	08-Jul-13	RAM
photo documentation at uv lights,	47°5.147' N; -112°40.741' W; elevation 5483'		
<i>Acronicta rubricoma</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	30-Jul-10	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Acronicta vulpina</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	14-May-13	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Alypia octomaculata</i>	LINCOLN: N of Lincoln, 2 mi. S of Copper Creek CG,	18-Jun-13	NS
Copper Crk Rd., Helena National Forest, photo documentation,			
<i>Sympistis fifia</i>	MISSOULA: 2 miles NW Condon, USFS road #888c	14-Aug-13	RAM
photo documentation at uv lights,	47° 34.500' N; -113° 47.184' W		
<i>Sympistis regina</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	03-Aug-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Sympistis youngi</i>	MISSOULA: 2 miles NW Condon, USFS road #888c	14-Aug-13	RAM
photo documentation at uv lights,	47°34.500' N; -113°47.184' W, (State Record)		
<i>Sympistis dinalda</i>	MISSOULA: South Fork Cold Creek, 5 miles west of Condon	01-Aug-13	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W		
<i>Cerapoda stylata</i>	ROSEBUD: Ashland District Ranger Station	27-Jun-13	RAM
photo documentation at uv lights,	45°35.388' N; -106°15.840' W; captured by Don Sasse USFS		
<i>Paramiana perissa</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	28-Aug-10	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Helotropha reniformis</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	28-Aug-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Helicoverpa zea</i>	ROSEBUD: Ashland District Ranger Station	16-Sep-13	RAM
photo documentation at uv lights,	45° 35.388' N; -106° 15.840' W; captured by Don Sasse USFS		
<i>Schinia albafascia</i>	BROADWATER: Missouri River 3 miles north of Townsend	04-Aug-13	RAM
photo documentation at uv lights,	46° 21.024' N; -111° 31.850' W; elevation 3631'		
<i>Schinia grandimedia</i>	ROSEBUD: Ashland District Ranger Station	16-Jul-13	RAM
photo documentation at uv lights,	45°35.388' N; -106°15.840' W; captured by Don Sasse USFS		
<i>Schinia roseincta</i>	ROSEBUD: Ashland District Ranger Station	27-Jun-13	RAM
photo documentation at uv lights,	45°35.388' N; -106°15.840' W; captured by Don Sasse USFS		
<i>Elaphria alapallida</i>	ROSEBUD: Ashland District Ranger Station	16-May-13	RAM
photo documentation at uv lights,	45°35.388' N; -106°15.840' W; captured by Don Sasse USFS		
<i>Caradrina mona</i>	ROSEBUD: Ashland District Ranger Station	21-Aug-13	RAM
photo documentation at uv lights,	45° 35.388' N; -106° 15.840' W; captured by Don Sasse USFS		
<i>Proxenus mindara</i>	ROSEBUD: Ashland District Ranger Station	13-Jun-12	RAM
photo documentation at uv lights,	45°35.388' N; -106°15.840' W; captured by Don Sasse USFS		
<i>Enargia infumata</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	25-Jul-13	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Enargia infumata</i>	MISSOULA: 2 miles NW Condon, USFS road #888c	21-Sep-13	RAM
photo documentation at uv lights,	47° 34.500' N; -113° 47.184' W		
<i>Aseptis fumosa</i>	LEWIS & CLARK: Cottonwood Gulch 6 miles N of York	27-Jul-13	RAM
photo documentation at uv lights,	46°47.8932' N; -111°47.700' W		
<i>Apamea digitula</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	02-Jun-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Apamea indocilis</i>	BROADWATER: Missouri River 3 miles north of Townsend	21-Aug-13	RAM
photo documentation at uv lights,	46° 21.024' N; -111° 31.850' W; elevation 3631'		
<i>Oligia egens</i>	BROADWATER: Missouri River 3 miles north of Townsend	26-Jul-13	RAM
photo documentation at uv lights,	46°20.4162' N; -111°31.5774' W		
<i>Oligia illocata</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	17-Sep-13	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Oligia mactata</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	09-Sep-13	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Neoligia canadensis</i>	ROSEBUD: Ashland District Ranger Station	13-May-13	RAM
photo documentation at uv lights,	45°35.388' N; -106°15.840' W; captured by Don Sasse USFS		
<i>Spartiniphaga includens</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	05-Aug-13	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Hypocoena rufostriata</i>	BROADWATER: Missouri River 3 miles north of Townsend	23-Jun-13	RAM
photo documentation at uv lights,	46°20.4162' N; -111°31.5774' W		
<i>Papaipema cataphracta</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	05-Sep-13	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
<i>Hydraecia perobliqua</i>	BROADWATER: Missouri River 3 miles north of Townsend	11-Aug-13	RAM
photo documentation at uv lights,	46° 21.024' N; -111° 31.850' W; elevation 3631'		
<i>Lithophane amanda</i>	BROADWATER: Missouri River 3 miles north of Townsend	02-Jun-13	RAM
photo documentation at uv lights,	46°20.4162' N; -111°31.5774' W		
<i>Lithophane disposita</i>	BROADWATER: Missouri River 3 miles north of Townsend	08-May-13	RAM
photo documentation at uv lights,	46°20.4162' N; -111°31.5774' W		
<i>Lithophane itata</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	30-Mar-13	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		

Lithophane pertorrída	LEWIS & CLARK: East Helena, 414 1/2 East Clark	29-Mar-13	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
Lithophane ponderosa	LEWIS & CLARK: Cottonwood Gulch 6 miles N of York	11-May-13	RAM
photo documentation at uv lights,	46°47.8932' N; -111°47.700' W		
Eupsilia fringata	FLATHEAD: W of Kila, near SE corner of Rogers Lake,	07-Nov-13	RAM
Photographic documenation by John Ashley,	3957' elev., 48.0636°N; -114.5985°W (State and Zone 4 Record)		
Agrochola verberata	JEFFERSON: Thunderbolt Creek, 10.5 miles west of Basin	13-Sep-13	RAM
photo documentation at uv lights,	46° 16.989' N; -112° 28.428' W; elevation 6076'		
Hillia iris	JEFFERSON: Thunderbolt Creek, 10.5 miles west of Basin	13-Sep-13	RAM
photo documentation at uv lights,	46° 16.989' N; -112° 28.428' W; elevation 6076'		
Brachylomia elda	BROADWATER: Missouri River 3 miles north of Townsend	08-Sep-13	RAM
photo documentation at uv lights,	46° 21.024' N; -111° 31.850' W; elevation 3631'		
Brachylomia cascadia	MISSOULA: 2 miles NW Condon, USFS road #888c	14-Aug-13	RAM
photo documentation at uv lights,	47° 34.500' N; -113° 47.184' W		
Lomilysis discolor	JEFFERSON: Thunderbolt Creek, 10.5 miles west of Basin	15-Aug-13	RAM
photo documentation at uv lights,	46° 16.989' N; -112° 28.428' W; elevation 6076'		
Lomilysis discolor	LEWIS & CLARK: East Helena, 414 1/2 East Clark	22-Aug-13	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
Epidemas cinera	LEWIS & CLARK: East Helena, 414 1/2 East Clark	26-Sep-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
Epidemas obscura	ROSEBUD: Ashland District Ranger Station	16-Sep-13	RAM
photo documentation at uv lights,	45 °35.388' N; -106° 15.840' W; captured by Don Sasse USFS		
Andropolia aedon	MISSOULA: 2 miles NW Condon, USFS road #888c	28-Aug-13	RAM
photo documentation at uv lights,	47° 34.500' N; -113° 47.184' W		
Platypolia anceps	MISSOULA: 2 miles NW Condon, USFS road #888c	21-Sep-13	RAM
photo documentation at uv lights,	47° 34.500' N; -113° 47.184' W		
Stretchia pictipennis	LEWIS & CLARK: Cottonwood Gulch 6 miles N of York	27-Apr-13	RAM
photo documentation at uv lights,	46°47.8932' N; -111°47.700' W		
Egira curialis	LEWIS & CLARK: Cottonwood Gulch 6 miles N of York	18-Apr-12	RAM
photo documentation at uv lights,	46°47.8932' N; -111°47.700' W		
Egira perlubens	LEWIS & CLARK: Cottonwood Gulch 6 miles N of York	21-May-13	RAM
photo documentation at uv lights,	46°47.8932' N; -111°47.700' W		
Nephelodes adusta	LEWIS & CLARK: East Helena, 414 1/2 East Clark	17-Aug-12	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
Anarta oregonica	Lewis & Clark: Cottonwood Gulch 6 miles N of York	24-Jun-13	RAM
photo documentation at uv lights,	46°47.8932' N; -111°47.700' W		
Scotogramma fervida	LEWIS & CLARK: East Helena, 414 1/2 East Clark	31-Jul-13	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
Sideridis uscripta	ROSEBUD: Ashland District Ranger Station	31-May-12	RAM
photo documentation at uv lights,	45°35.388' N; -106°15.840' W; captured by Don Sasse USFS		
Admetovis oxymorus	LEWIS & CLARK: Copper Creek 10 miles north of Lincoln	08-Jul-13	RAM
photo documentation at uv lights,	47°5.147' N; -112°40.741' W; elevation 5483'		
Polia noverca	MISSOULA: South Fork Cold Creek, 5 miles west of Condon	13-Jul-13	RAM
photo documentation at uv lights,	47°32.040' N; -113°48.060' W		
Trichodestra dodii	BROADWATER: Missouri River 3 miles north of Townsend	28-May-13	RAM
photo documentation at uv lights,	46°20.4162' N; -111°31.5774' W		
Papestra biren	LEWIS & CLARK: East Helena, 414 1/2 East Clark	29-May-13	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
Hadena capsularis	ROSEBUD: Ashland District Ranger Station	27-Jun-13	RAM
photo documentation at uv lights,	45°35.388' N; -106°15.840' W; captured by Don Sasse USFS		
Hada sutrina	JEFFERSON: Thunderbolt Creek, 10.5 miles west of Basin	28-Jun-13	RAM
photo documentation at uv lights,	46°35.333' N; -111°54.793 W; elevation 5906'		
Anarta fusculeta	BROADWATER: Missouri River 3 miles north of Townsend	15-May-12	RAM
photo documentation at uv lights,	46°20.4162' N; -111°31.5774' W		
Leucania insueta dia	LEWIS & CLARK: Copper Creek 10 miles north of Lincoln	18-Jun-13	RAM
photo documentation at uv lights,	47°5.147' N; -112°40.741' W; elevation 5483'		
Lasionycta fergusonii	JEFFERSON: Thunderbolt Creek, 10.5 miles west of Basin	28-Jun-13	RAM
photo documentation at uv lights,	46°35.333' N; -111°54.793 W; elevation 5906'		
Lasionycta perplexa	LEWIS & CLARK: 138 Jefferson St, Helena	02-Jul-13	RAM
photo documentation at uv lights,	46°35.156' N; -112°2.637' W; elevation 4161'		
Homorthodes gigantoides	LEWIS & CLARK: East Helena, 414 1/2 East Clark	03-Jul-11	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
Homorthodes hanhami	LEWIS & CLARK: Cottonwood Gulch 6 miles N of York	15-Jul-13	RAM
photo documentation at uv lights,	46°47.8932' N; -111°47.700' W		
Homorthodes mania	LEWIS & CLARK: East Helena, 414 1/2 East Clark	24-Aug-13	RAM
photo documentation at uv lights,	46°35.38' N; -111°54.933' W		
Protorthodes rufula	BROADWATER: Missouri River 3 miles north of Townsend	28-May-13	RAM
photo documentation at uv lights,	46°20.4162' N; -111°31.5774' W		

<i>Ulolonche dilecta</i>	ROSEBUD: Ashland District Ranger Station	27-Jun-13	RAM
photo documentation at uv lights, 45°35.388' N; -106°15.840' W; captured by Don Sasse USFS			
<i>Ulolonche orbiculata</i>	ROSEBUD: Ashland District Ranger Station	09-May-12	RAM
photo documentation at uv lights, 45°35.388' N; -106°15.840' W; captured by Don Sasse USFS			
<i>Anicla tenuescens</i>	LEWIS & CLARK: Cottonwood Gulch 6 miles N of York	15-Jul-13	RAM
photo documentation at uv lights, 46°47.8932' N; -111°47.700' W			
<i>Dichagyris variabilis</i>	Missoula: 2 miles NW Condon, USFS road #888c	14-Aug-13	RAM
photo documentation at uv lights, 47° 34.500' N; -113° 47.184' W			
<i>Euxoa adumbrata</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	30-Sep-13	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Euxoa brevipennis</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	17-Sep-13	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Euxoa catenula</i>	Lewis and Clark: Sieben Canyon Rd, 5 mi W of I-15 exit 219	14-Sep-13	NS
photo documentation, 46.844489 N; -112.190613 W			
<i>Euxoa clausa</i>	JEFFERSON: Thunderbolt Creek, 10.5 miles west of Basin	28-Jun-13	RAM
photo documentation at uv lights, 46°35.333' N; -111°54.793' W; elevation 5906'			
<i>Euxoa comosa</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	15-Sep-12	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Euxoa lineifrons</i>	LEWIS & CLARK: Cottonwood Gulch 6 miles N of York	02-Oct-12	RAM
photo documentation at uv lights, 46°47.8932' N; -111°47.700' W			
<i>Euxoa luctuosa</i>	ROSEBUD: Ashland District Ranger Station	03-Sep-13	RAM
photo documentation at uv lights, 45° 35.388' N; -106° 15.840' W; captured by Don Sasse USFS			
<i>Euxoa medialis</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	15-Oct-13	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Euxoa murdocki</i>	LEWIS & CLARK: Cottonwood Gulch 6 miles N of York	02-Sep-13	RAM
photo documentation at uv lights, 46° 47.8932' N; -111° 47.700' W			
<i>Euxoa quadridentata</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	08-Sep-10	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Euxoa simona</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	28-Sep-12	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W; fw 18mm			
<i>Euxoa simulata</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	07-Sep-13	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Euxoa terrena</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	05-Sep-13	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Agrotis obliqua</i>	JEFFERSON: Thunderbolt Creek, 10.5 miles west of Basin	28-Jun-13	RAM
photo documentation at uv lights, 46°35.333' N; -111°54.793' W; elevation 5906'			
<i>Ochropleura implecta</i>	LEWIS & CLARK: East Helena, 414 1/2 East Clark	04-Jul-13	RAM
photo documentation at uv lights, 46°35.38' N; -111°54.933' W			
<i>Chersotis juncta</i>	LEWIS & CLARK: Cottonwood Gulch 6 miles N of York	09-Aug-13	RAM
photo documentation at uv lights, 46° 47.8932' N; -111° 47.700' W			
<i>Eurois astricta</i>	MISSOULA: South Fork Cold Creek, 5 miles west of Condon	27-Aug-12	RAM
photo documentation at uv lights, 47°32.040' N; -113°48.060' W			
<i>Xestia c-nigrum</i>	BROADWATER: Missouri River 3 miles north of Townsend	26-Jul-13	RAM
photo documentation at uv lights, 46°20.4162' N; -111°31.5774' W			
<i>Xestia vernalis</i>	MISSOULA: 2 miles NW Condon, USFS road #888c	14-Aug-13	RAM
photo documentation at uv lights, 47° 34.500' N; -113° 47.184' W			
<i>Abagrotis erratica</i>	BROADWATER: Missouri River 3 miles north of Townsend	11-Aug-13	RAM
photo documentation at uv lights, 46° 21.024' N; -111° 31.850' W; elevation 3631'			

NEW MEXICO

Steve Cary reported a third consecutive year with drought conditions for much of New Mexico in 2013 with experts calling the season as the driest 3 year stretch in our recorded history.

The summer monsoon rains arrived in late-July and provided much needed moisture to many parts of the state. The season was marked by later flights and an array of summer strays, including *Marpesia petreus*, *Kricogonia lyside*, and *Lerodea eufala*, some seen at new northern limits. Summer rains also produced a strong flight of monarchs in September.

Nine contributors posted records for New Mexico, including records from 4 additional collectors and observers. Seven county records for butterflies and 129 county records for moths were submitted. Surveys of moths were initiated on stabilized dune fields in Rio Arriba County, yielding many records for the northern part of the State. *Schinia zuni* was discovered on National Forest lands with flights that continued from early July to early September.

Butterflies

HESPERIIDAE

<i>Cogia hippalus</i>	EDDY: Slaughter Canyon, Guadalupe Mtns	10-Aug-13	SJC
leg: Jonathan Batkin, northeast range extension			
<i>Lerodea eufala</i>	TAOS: 7 mi. SW of Questa,	20-Sep-13	KR
extreme northward distribution record			
<i>Megathymus yuccae reubeni</i>	Torrance: 0.5 mi NE of Duran, Hwy. 54, 6276' elev.,	13-Mar-13	CEH
ex pupae in <i>Yucca baccata</i> , on w. shoulders, emerged 12 April, 2013, 34°34.4700°N; -105.3936°W			

PAPILIONIDAE

Papilio cressphontes	Hidalgo: Animas Creek, 31 mi. S of Animas,	16-Oct-13		KR
Parnassius smintheus early record	Santa Fe: Tesuque Peak	09-Jun-13		SJC

PIERIDAE

Kricogonia lyside leg: Jonathan Batkin, confirm (2nd) county record	Santa Fe: Winsor Trail	15-Jun-13		SJC
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LYCAENIDAE

Celastrina ladon early record	Otero: Oliver Lee Memorial State Park	14-Feb-13		BB5
Euphilotes spaldingi leg: Rebecca Gracey and Steve Cary, county record	COLFAX: Eagle Nest Lake State Park	30-Jun-13		SJC

NYMPHALIDAE

Danaus eresimus 2nd state record; north range extension	DONA ANA: Leasburg Dam State Park	23-Jun-13		NA
Danaus plexippus freshly emerged individual; late record by one day	Otero: Alamogordo	27-Nov-13	27-Nov-13	BB5
Erebia epipsodea leg: Jonathan Batkin and Steve Cary, confirms (2nd) county record	Santa Fe: Santa Fe Ski Basin	23-Jun-13		SJC
Speyeria cybele carpenterii late record	Taos: Santa Barbara Cyn	30-Aug-13	30-Aug-13	SJC
Marpesia petreus 3rd record for NM	HIDALGO: Blair Well, Poloncillo Mtns.,	30-Jul-13		KR
Marpesia petreus leg: Roy Michelotti, 4th NM record; county record; large northward range extension	LOS ALAMOS: Los Alamos	08-Sep-13		SJC
Mestra amymone leg: Deb W., county record	CURRY: E. of Clovis, 1047 Curry Rd.	05-Oct-13		SJC

Moths**COSSIDAE**

Inguromorpha itzalana Parryella filifolia/ Artemisia filifolia assoc., roadside at mv & uv trap, 36.1595°N; -106.3131°W	RIO ARRIBA: 0.5 mi SW of Medanales, Hwy. 84, 5870' elev.,	11-Jul-13	05-Aug-13	CEH
Givira theodori Parryella filifolia/ Artemisia filifolia assoc., roadside at mv & uv trap, 36.1595°N; -106.3131°W	RIO ARRIBA: 0.5 mi SW of Medanales, Hwy. 84, 5870' elev.,	11-Jul-13	05-Aug-13	CEH

TORTRICIDAE

Eucosma canariana off Hwy. 84, Santa Fe National Forest, uv trap, 5870' elev., Parryella assoc., 36.1248°N; -106.1755°W	RIO ARRIBA : 0.8 mi SW of Medanales, above Arroyo del Toro,	05-Aug-13		CEH
Eucosma crambitana along Rio Chama, riparian area with Ericameria, 5927'elev., 3 pm, 36.2126°N; -106.2540°W	RIO ARRIBA : 28 mi. E. of Abiquiu, Hwy. 84 at Hwy. 554,	07-Sep-13		H-H

GEOMETRIDAE

Rindgea prolificata nr. lava flow, 5250' elev., Dasyliiron wheeleri/Baccharis emoryi assoc., mv & uv trap, 33.6849°N; -105.1696°W	LINCOLN: 3 mi WNW of Carrizozo, Hwy. 380 at mkr. 60.9,	12-Mar-13		CEH
Carphoides incopriarius gas station lights, 7467' elev., 36.1821°N; -106.9591°W	SANDOVAL: Regina, Hwy. 96, at roadside gas station lights,	12-Jul-13		CEH
Pero meskaria Parryella filifolia/ Artemisia filifolia assoc., roadside at mv & uv trap, 35.3604°N; -106.6219°W	SANDOVAL: 4 mi. WNW of Bernalillo, Hwy. 550, 5638' elev.,	26-Apr-13		CEH
Archirhoe neomexicana off Hwy. 84, Santa Fe National Forest, uv trap, 5870' elev., Parryella assoc., 36.1248°N; -106.1755°W	RIO ARRIBA : 0.8 mi SW of Medanales, above Arroyo del Toro,	07-Sep-13		H-H
Lithostege marcata Parryella filifolia/ Artemisia filifolia assoc., roadside at mv & uv trap, 36.1595°N; -106.3131°W	RIO ARRIBA: 0.5 mi SW of Medanales, Hwy. 84, 5870' elev.,	05-Aug-13		CEH

LASIOCAMPIDAE

Tolype velleda above Cabresio Crk., oak/pine juniper, Latir Peak Wilderness Area, uv/mv trap, 7661' elev., 36.6898°N; -105.4534°W	TAOS: 2.7 mi E of Questa, Hwy. 38, Kit Carson NF,	06-Sep-13		H-H
Gloveria arizonensis Parryella filifolia/ Artemisia filifolia assoc., roadside at mv & uv trap, 36.1595°N; -106.3131°W	RIO ARRIBA: 0.5 mi SW of Medanales, Hwy. 84, 5870' elev.,	11-Jul-13		CEH
Malacosoma disstria Parryella filifolia/ Artemisia filifolia assoc., roadside at mv & uv trap, 36.1595°N; -106.3131°W	RIO ARRIBA: 0.5 mi SW of Medanales, Hwy. 84, 5870' elev.,	11-Jul-13		CEH

SPHINGIDAE

Manduca quinquemaculatus riparian area with Ericameria, 5927'elev., 3 pm, 36.2126°N; -106.2540°W	Rio Arriba : 5 mi. E. of Abiquiu, Hwy. 84 at Hwy. 554	07-Sep-13		H/H
Sagenosoma elsa at roadside gas station lights, 6845' elev., 36.1713°N; -106.3784°W	SANDOVAL: Counselor, Hwy. 550,	12-Jul-13		CEH
Sagenosoma elsa Santa Fe National Forest, uv trap, Parryella assoc. on dunes, 36.1439°N; -106.1838°W	RIO ARRIBA : 0.7 mi SW of Medanales, 200 yds e. of Hwy. 84,	05-Aug-13		CEH
Sphinx chersis at roadside gas station lights, 6845' elev., 36.1713°N; -106.3784°W	SANDOVAL: Counselor, Hwy. 550,	12-Jul-13		CEH
Sphinx dollii at roadside gas station lights, 6845' elev., 36.1713°N; -106.3784°W	Sandoval: Counselor, Hwy. 550,	12-Jul-13		CEH

NOTODONTIDAE

<i>Gluphisia wrightii</i>	RIO ARRIBA: 0.5 mi SW of Medanales, Hwy. 84, 5870' elev.,	11-Jul-13	CEH
<i>Parryella filifolia/ Artemisia filifolia</i> assoc., roadside at mv & uv trap, 36.1595°N; -106.3131°W			
<i>Furcula nivea meridionalis</i>	Rio Arriba : Doranes, e. of Rio Ojo Caliente, along Hwy. 285	05-Aug-13	CEH
at gas station lights, 6172' elev., 36.2507°N; -106.0487°W			
<i>Furcula nivea meridionalis</i>	RIO ARRIBA : 0.8 mi SW of Medanales, above Arroyo del Toro,	05-Aug-13	CEH
off Hwy. 84, Santa Fe National Forest, uv trap, 5870' elev., <i>Parryella</i> assoc., 36.1248°N; -106.1755°W			
<i>Cerura candida</i>	RIO ARRIBA : 0.8 mi SW of Medanales, above Arroyo del Toro,	05-Aug-13	CEH
off Hwy. 84, Santa Fe National Forest, uv trap, 5870' elev., <i>Parryella</i> assoc., 36.1248°N; -106.1755°W			
<i>Datana neomexicana</i>	SANDOVAL : Counselor, Hwy. #550, 7043' elev.	12-Jul-13	CEH
taken gas station lights., 36.2092°N; -107.45825°W			

EREBIDAE

<i>Cisthene barnesii</i>	RIO ARRIBA : 0.8 mi SW of Medanales, above Arroyo del Toro,	05-Aug-13	CEH
off Hwy. 84, Santa Fe National Forest, uv trap, 5870' elev., <i>Parryella</i> assoc., 36.1248°N; -106.1755°W			
<i>Grammia incorrupta</i>	RIO ARRIBA: 0.5 mi SW of Medanales, Hwy. 84, 5870' elev.,	11-Jul-13	CEH
<i>Parryella filifolia/ Artemisia filifolia</i> assoc., roadside at mv & uv trap, 36.1595°N; -106.3131°W			
<i>Grammia incorrupta</i>	SANDOVAL: Regina, Hwy. 96, at roadside gas station lights,	12-Jul-13	CEH
gas station lights, 7467' elev., 36.1821°N; -106.9591°W			
<i>Estigmene albida</i>	RIO ARRIBA: 0.5 mi SW of Medanales, Hwy. 84, 5870' elev.,	11-Jul-13	CEH
<i>Parryella filifolia/ Artemisia filifolia</i> assoc., roadside at mv & uv trap, 36.1595°N; -106.3131°W			
<i>Pygarcia neomexicana</i>	RIO ARRIBA : 0.8 mi SW of Medanales, above Arroyo del Toro,	05-Aug-13	CEH
off Hwy. 84, Santa Fe National Forest, uv trap, 5870' elev., <i>Parryella</i> assoc., 36.1248°N; -106.1755°W			
<i>Pygarcia spraguei</i>	RIO ARRIBA : 0.8 mi SW of Medanales, above Arroyo del Toro,	05-Aug-13	CEH
off Hwy. 84, Santa Fe National Forest, uv trap, 5870' elev., <i>Parryella</i> assoc., 36.1248°N; -106.1755°W			
<i>Bertholdia trigona</i>	Sandoval: Regina, Hwy. 96, at roadside gas station lights,	12-Jul-13	CEH
gas station lights, 7467' elev., 36.1821°N; -106.9591°W			
<i>Drasteria inepta</i>	RIO ARRIBA: 0.5 mi SW of Medanales, Hwy. 84, 5870' elev.,	11-Jul-13	CEH
<i>Parryella filifolia/ Artemisia filifolia</i> assoc., roadside at mv & uv trap, 36.1595°N; -106.3131°W			
<i>Drasteria mirifica</i>	SANDOVAL: 4 mi. WNW of Bernalillo, Hwy. 550, 5638' elev.,	26-Apr-13	CEH
<i>Parryella filifolia/ Artemisia filifolia</i> assoc., roadside at mv & uv trap, 35.3604°N; -106.6219°W			
<i>Drasteria tejonica</i>	RIO ARRIBA: 0.5 mi SW of Medanales, Hwy. 84, 5870' elev.,	11-Jul-13	CEH
<i>Parryella filifolia/ Artemisia filifolia</i> assoc., roadside at mv & uv trap, 36.1595°N; -106.3131°W			
<i>Euclidia intercalaris</i>	RIO ARRIBA : 0.8 mi SW of Medanales, above Arroyo del Toro,	11-Jul-13	05-Aug-13
off Hwy. 84, Santa Fe National Forest, uv trap, 5870' elev., <i>Parryella</i> assoc., 36.1248°N; -106.1755°W			
<i>Catocala aholibah</i>	TAOS: 2.7 mi E of Questa, Hwy. 38, Kit Carson NF,	06-Sep-13	H-H
above Cabresio Crk., oak/pine juniper, Latir Peak Wilderness Area, uv/mv trap, 7661' elev., 36.6898°N; -105.4534°W			
<i>Catocala grotiana</i>	TAOS: 2.7 mi E of Questa, Hwy. 38, Kit Carson NF,	06-Sep-13	H-H
above Cabresio Crk., oak/pine juniper, Latir Peak Wilderness Area, uv/mv trap, 7661' elev., 36.6898°N; -105.4534°W			
<i>Catocala hermia</i>	TAOS: 2.7 mi E of Questa, Hwy. 38, Kit Carson NF,	06-Sep-13	H-H
above Cabresio Crk., oak/pine juniper, Latir Peak Wilderness Area, uv/mv trap, 7661' elev., 36.6898°N; -105.4534°W			
<i>Catocala violenta</i>	TAOS: 2.7 mi E of Questa, Hwy. 38, Kit Carson NF,	06-Sep-13	H-H
above Cabresio Crk., oak/pine juniper, Latir Peak Wilderness Area, uv/mv trap, 7661' elev., 36.6898°N; -105.4534°W			

NOCTUIDAE

<i>Pseudohemihyalea labecula</i>	RIO ARRIBA : 5 mi. E. of Abiquiu, Hwy. 84 at Hwy. 554,	07-Sep-13	H-H
along Rio Chama, riparian area with <i>Ericameria</i> , 5927' elev., 3 pm, 36.2126°N; -106.2540°W			
<i>Pseudohemihyalea ambigua</i>	Sandoval: Regina, Hwy. 96, at roadside gas station lights,	12-Jul-13	CEH
gas station lights, 7467' elev., 36.1821°N; -106.9591°W			
<i>Syngrapha angulidens</i>	TAOS: 2.7 mi E of Questa, Hwy. 38, Kit Carson NF,	06-Sep-13	H-H
above Cabresio Crk., oak/pine juniper, Latir Peak Wilderness Area, uv/mv trap, 7661' elev., 36.6898°N; -105.4534°W			
<i>Syngrapha viridisigma</i>	TAOS: 2.7 mi E of Questa, Hwy. 38, Kit Carson NF,	06-Sep-13	H-H
above Cabresio Crk., oak/pine juniper, Latir Peak Wilderness Area, uv/mv trap, 7661' elev., 36.6898°N; -105.4534°W			
<i>Ponometia libedis</i>	RIO ARRIBA : 0.8 mi SW of Medanales, above Arroyo del Toro,	05-Aug-13	CEH
off Hwy. 84, Santa Fe National Forest, uv trap, 5870' elev., <i>Parryella</i> assoc., 36.1248°N; -106.1755°W			
<i>Thersea huachuca</i>	RIO ARRIBA : 26 mi. E. of Abiquiu, Hwy. 84 at Hwy. 554,	07-Sep-13	H-H
along Rio Chama, riparian area with <i>Ericameria</i> , 5927' elev., 3 pm, 36.2126°N; -106.2540°W			
<i>Acontia areli</i>	RIO ARRIBA : 0.8 mi SW of Medanales, above Arroyo del Toro,	05-Aug-13	CEH
off Hwy. 84, Santa Fe National Forest, uv trap, 5870' elev., <i>Parryella</i> assoc., 36.1248°N; -106.1755°W			
<i>Acontia cretata</i>	RIO ARRIBA: 0.5 mi SW of Medanales, Hwy. 84, 5870' elev.,	11-Jul-13	CEH
<i>Parryella filifolia/ Artemisia filifolia</i> assoc., roadside at mv & uv trap, 36.1595°N; -106.3131°W			
<i>Acontia cretata</i>	Rio Arriba : 6 mi. E. of Abiquiu, Hwy. 84 at Hwy. 554,	07-Sep-13	H-H
along Rio Chama, riparian area with <i>Ericameria</i> , 5927' elev., 3 pm, 36.2126°N; -106.2540°W			
<i>Acontia tetragona</i>	RIO ARRIBA : 25 mi. E. of Abiquiu, Hwy. 84 at Hwy. 554,	07-Sep-13	H-H
along Rio Chama, riparian area with <i>Ericameria</i> , 5927' elev., 3 pm, 36.2126°N; -106.2540°W			
<i>Pseudopanthea palata</i>	RIO ARRIBA : 0.8 mi SW of Medanales, above Arroyo del Toro,	05-Aug-13	CEH
off Hwy. 84, Santa Fe National Forest, uv trap, 5870' elev., <i>Parryella</i> assoc., 36.1248°N; -106.1755°W			
<i>Euscirrhopterus gloveri</i>	RIO ARRIBA: 0.5 mi SW of Medanales, Hwy. 84, 5870' elev.,	11-Jul-13	CEH
<i>Parryella filifolia/ Artemisia filifolia</i> assoc., roadside at mv & uv trap, 36.1595°N; -106.3131°W			

<i>Cucullia antipoda</i>	Sandoval: 4 mi. WNW of Bernalillo, Hwy. 550, 5638' elev.,	26-Apr-13		CEH
<i>Parryella filifolia/ Artemisia filifolia</i> assoc., roadside at mv & uv trap, 35.3604°N; -106.6219°W				
<i>Cucullia antipoda</i>	RIO ARRIBA : 0.8 mi SW of Medanales, above Arroyo del Toro,	05-Aug-13		CEH
off Hwy. 84, Santa Fe National Forest, uv trap, 5870' elev., Parryella assoc., 36.1248°N; -106.1755°W				
<i>Cucullia pulla</i>	LINCORN: 3 mi WNW of Carrizozo, Hwy. 380 at mkr. 60.9,	12-Mar-13		CEH
at lava flow, 5250' elev., <i>Dasyllirion wheeleri/Baccharis emoryi</i> assoc., mv & uv trap, 33.6849°N; -105.1696°W				
<i>Pleromelloida cinerea</i>	Taos: 2.7 mi E of Questa, Hwy. 38, Kit Carson NF,	06-Sep-13		H-H
above Cabresio Crk., oak/pine juniper, Latir Peak Wilderness Area, uv/mv trap, 7661' elev., 36.6898°N; -105.4534°W				
<i>Pleromelloida cinerea</i>	TAOS: 2.3 mi E of Questa, along Hwy. 38, Kit Carson NF,	06-Sep-13		H-H
above Cabresio Crk., Latir Peak Wilderness Area, w/ <i>Ericameria</i> , at uv trap, 7514' elev., 36.7025°N; -105.5675°W				
<i>Pleromelloida cinerea</i>	Taos: 6.3 mi E of Questa, off Hwy. 38 along frontage rd	06-Sep-13		H/H
Kit Carson NF, Latir Peak Wilderness Area, <i>Brickellia/Ericameria/pine</i> , uv trap, 8107' elev., 36.6950°N; -105.4963°W				
<i>Catabena lineolata</i>	RIO ARRIBA : 0.8 mi SW of Medanales, above Arroyo del Toro,	07-Sep-13		H-H
off Hwy. 84, Santa Fe National Forest, uv trap, 5870' elev., Parryella assoc., 36.1248°N; -106.1755°W				
<i>Sympistis arizonensis</i>	TAOS: 2.7 mi E of Questa, Hwy. 38, Kit Carson NF,	06-Sep-13		H-H
above Cabresio Crk., oak/pine juniper, Latir Peak Wilderness Area, uv/mv trap, 7661' elev., 36.6898°N; -105.4534°W				
<i>Sympistis chandleri</i>	Taos: 6.3 mi E of Questa, off Hwy. 38 along frontage rd	06-Sep-13		H/H
Kit Carson NF, Latir Peak Wilderness Area, <i>Brickellia/Ericameria/pine</i> , uv trap, 8107' elev., 36.6950°N; -105.4963°W				
<i>Sympistis chandleri</i>	TAOS: 2.3 mi E of Questa, along Hwy. 38, Kit Carson NF,	06-Sep-13		H-H
above Cabresio Crk., Latir Peak Wilderness Area, w/ <i>Ericameria</i> , at uv trap, 7514' elev., 36.7025°N; -105.5675°W				
<i>Sympistis chandleri</i>	Taos: 2.7 mi E of Questa, Hwy. 38, Kit Carson NF,	06-Sep-13		H-H
above Cabresio Crk., oak/pine juniper, Latir Peak Wilderness Area, uv/mv trap, 7661' elev., 36.6898°N; -105.4534°W				
<i>Sympistis cibalis</i>	TAOS: 2.3 mi E of Questa, along Hwy. 38, Kit Carson NF,	06-Sep-13		H-H
above Cabresio Crk., Latir Peak Wilderness Area, w/ <i>Ericameria</i> , at uv trap, 7514' elev., 36.7025°N; -105.5675°W				
<i>Sympistis sorapis</i>	LINCORN: 3 mi WNW of Carrizozo, Hwy. 380 at mkr. 60.9,	12-Mar-13		CEH
at lava flow, 5250' elev., <i>Dasyllirion wheeleri/Baccharis emoryi</i> assoc., mv & uv trap, 33.6849°N; -105.1696°W				
<i>Sympistis curvicolis</i>	RIO ARRIBA : 24 mi. E. of Abiquiu, Hwy. 84 at Hwy. 554,	07-Sep-13		H-H
along Rio Chama, riparian area with <i>Ericameria</i> , 5927' elev., 3 pm, 36.2126°N; -106.2540°W				
<i>Sympistis dunbari</i>	Taos: 2.7 mi E of Questa, Hwy. 38, Kit Carson NF,	06-Sep-13		H-H
above Cabresio Crk., oak/pine juniper, Latir Peak Wilderness Area, uv/mv trap, 7661' elev., 36.6898°N; -105.4534°W				
<i>Sympistis dunbari</i>	TAOS: 2.3 mi E of Questa, along Hwy. 38, Kit Carson NF,	06-Sep-13		H-H
above Cabresio Crk., Latir Peak Wilderness Area, w/ <i>Ericameria</i> , at uv trap, 7514' elev., 36.7025°N; -105.5675°W				
<i>Sympistis hayesi</i>	TAOS: 2.3 mi E of Questa, along Hwy. 38, Kit Carson NF,	06-Sep-13		H-H
above Cabresio Crk., Latir Peak Wilderness Area, w/ <i>Ericameria</i> , at uv trap, 7514' elev., 36.7025°N; -105.5675°W				
<i>Sympistis hayesi</i>	Taos: 2.7 mi E of Questa, Hwy. 38, Kit Carson NF,	06-Sep-13		H-H
above Cabresio Crk., oak/pine juniper, Latir Peak Wilderness Area, uv/mv trap, 7661' elev., 36.6898°N; -105.4534°W				
<i>Sympistis homogena</i>	TAOS: 6.3 mi E of Questa, off Hwy. 38 along frontage rd	06-Sep-13		H/H
Kit Carson NF, Latir Peak Wilderness Area, <i>Brickellia/Ericameria/pine</i> , uv trap, 8107' elev., 36.6950°N; -105.4963°W				
<i>Sympistis meadiana</i>	TAOS: 2.3 mi E of Questa, along Hwy. 38, Kit Carson NF,	06-Sep-13		H-H
above Cabresio Crk., Latir Peak Wilderness Area, w/ <i>Ericameria</i> , at uv trap, 7514' elev., 36.7025°N; -105.5675°W				
<i>Sympistis poliochroa</i>	TAOS: 2.7 mi E of Questa, Hwy. 38, Kit Carson NF,	06-Sep-13		H-H
above Cabresio Crk., oak/pine juniper, Latir Peak Wilderness Area, uv/mv trap, 7661' elev., 36.6898°N; -105.4534°W				
<i>Stylopoda groteana</i>	RIO ARRIBA : 0.8 mi SW of Medanales, above Arroyo del Toro,	05-Aug-13		CEH
off Hwy. 84, Santa Fe National Forest, uv trap, 5870' elev., Parryella assoc., 36.1248°N; -106.1755°W				
<i>Plagiomimicus navium</i>	RIO ARRIBA : 0.7 mi SW of Medanales, 200 yds e. of Hwy. 84,	11-Jul-13	05-Aug-13	CEH
Santa Fe National Forest, uv trap, Parryella assoc. on dunes, 36.1439°N; -106.1838°W				
<i>Plagiomimicus mimica</i>	RIO ARRIBA : 0.8 mi SW of Medanales, above Arroyo del Toro,	05-Aug-13		CEH
off Hwy. 84, Santa Fe National Forest, uv trap, 5870' elev., Parryella assoc., 36.1248°N; -106.1755°W				
<i>Stiria rugifrons</i>	RIO ARRIBA : 23 mi. E. of Abiquiu, Hwy. 84 at Hwy. 554,	07-Sep-13		H-H
along Rio Chama, riparian area with <i>Ericameria</i> , 5927' elev., 3 pm, 36.2126°N; -106.2540°W				
<i>Grotella parvipuncta</i>	RIO ARRIBA : 0.8 mi SW of Medanales, above Arroyo del Toro,	05-Aug-13		CEH
off Hwy. 84, Santa Fe National Forest, uv trap, 5870' elev., Parryella assoc., 36.1248°N; -106.1755°W				
<i>Neogrotella spaldingi</i>	RIO ARRIBA : 0.8 mi SW of Medanales, above Arroyo del Toro,	05-Aug-13		CEH
off Hwy. 84, Santa Fe National Forest, uv trap, 5870' elev., Parryella assoc., 36.1248°N; -106.1755°W				
<i>Azenia implora</i>	RIO ARRIBA : 0.8 mi SW of Medanales, above Arroyo del Toro,	05-Aug-13		CEH
off Hwy. 84, Santa Fe National Forest, uv trap, 5870' elev., Parryella assoc., 36.1248°N; -106.1755°W				
<i>Schinia acutilinea</i>	RIO ARRIBA : 19 mi. E. of Abiquiu, Hwy. 84 at Hwy. 554,	07-Sep-13		H-H
along Rio Chama, riparian area with <i>Ericameria</i> , 5927' elev., 3 pm, 36.2126°N; -106.2540°W				
<i>Schinia alba fascia</i>	RIO ARRIBA : 20 mi. E. of Abiquiu, Hwy. 84 at Hwy. 554,	07-Sep-13		H-H
along Rio Chama, riparian area with <i>Ericameria</i> , 5927' elev., 3 pm, 36.2126°N; -106.2540°W				
<i>Schinia ciliata</i>	RIO ARRIBA : 0.7 mi SW of Medanales, 200 yds e. of Hwy. 84,	05-Aug-13		CEH
Santa Fe National Forest, uv trap, Parryella assoc. on dunes, 36.1439°N; -106.1838°W				
<i>Schinia reniformis</i>	RIO ARRIBA : 0.7 mi SW of Medanales, 200 yds e. of Hwy. 84,	05-Aug-13		CEH
Santa Fe National Forest, uv trap, Parryella assoc. on dunes, 36.1439°N; -106.1838°W				
<i>Schinia roseincta</i>	RIO ARRIBA : 0.7 mi SW of Medanales, 200 yds e. of Hwy. 84,	05-Aug-13		CEH
Santa Fe National Forest, uv trap, Parryella assoc. on dunes, 36.1439°N; -106.1838°W				
<i>Schinia septentrionalis</i>	RIO ARRIBA : 21 mi. E. of Abiquiu, Hwy. 84 at Hwy. 554,	07-Sep-13		H-H
along Rio Chama, riparian area with <i>Ericameria</i> , 5927' elev., 3 pm, 36.2126°N; -106.2540°W				

<i>Schinia sexplagiata</i>	RIO ARRIBA : 0.7 mi SW of Medanales, 200 yds e. of Hwy. 84, Santa Fe National Forest, uv trap, Parryella assoc. on dunes, 36.1439°N; -106.1838°W	05-Aug-13	CEH
<i>Schinia unimacula</i>	RIO ARRIBA : 22 mi. E. of Abiquiu, Hwy. 84 at Hwy. 554, along Rio Chama, riparian area with Ericameria, 5927'elev., 3 pm, 36.2126°N; -106.2540°W	07-Sep-13	H-H
<i>Schinia walsinghami</i>	RIO ARRIBA : 0.8 mi SW of Medanales, above Arroyo del Toro, off Hwy. 84, Santa Fe National Forest, uv trap, 5870' elev., Parryella assoc., 36.1248°N; -106.1755°W	07-Sep-13	CEH
<i>Schinia zuni</i>	Rio Arriba : 0.8 mi SW of Medanales, above Arroyo del Toro, off Hwy. 84, Santa Fe National Forest, uv trap, 5870' elev., Parryella assoc., 36.1248°N; -106.1755°W	11-Jul-13	07-Sep-13 CEH
<i>Schinia zuni</i>	RIO ARRIBA: 0.5 mi SW of Medanales, Hwy. 84, 5870' elev., Parryella filifolia/ Artemisia filifolia assoc., roadside at mv & uv trap, 36.1595°N; -106.3131°W	11-Jul-13	CEH
<i>Schinia zuni</i>	Rio Arriba : 0.7 mi SW of Medanales, 200 yds e. of Hwy. 84, Santa Fe National Forest, uv trap, Parryella assoc. on dunes, 36.1439°N; -106.1838°W	05-Aug-13	CEH
<i>Ogdoconta satana</i>	EDDY: Carlsbad Caverns National Park 32°06.38'N, -104°33.3674'W, Orig Desc in 2013 by Metzler et al	09-Jun-09	10-Jul-10 EHM
<i>Spodoptera exigua</i>	RIO ARRIBA : 0.7 mi SW of Medanales, 200 yds e. of Hwy. 84, Santa Fe National Forest, uv trap, Parryella assoc. on dunes, 36.1439°N; -106.1838°W	05-Aug-13	CEH
<i>Cosmia praeacuta</i>	TAOS: 2.7 mi E of Questa, Hwy. 38, Kit Carson NF, above Cabresio Crk., oak/pine juniper, Latir Peak Wilderness Area, uv/mv trap, 7661' elev., 36.6898°N; -105.4534°W	06-Sep-13	H-H
<i>Enargia decolor</i>	TAOS: 2.7 mi E of Questa, Hwy. 38, Kit Carson NF, above Cabresio Crk., oak/pine juniper, Latir Peak Wilderness Area, uv/mv trap, 7661' elev., 36.6898°N; -105.4534°W	06-Sep-13	H-H
<i>Pseudanarta exasperata</i>	TAOS: 2.3 mi E of Questa, along Hwy. 38, Kit Carson NF, above Cabresio Crk., Latir Peak Wilderness Area, w/ Ericameria, at uv trap, 7514' elev., 36.7025°N; -105.5675°W	06-Sep-13	H-H
<i>Apamea atosuffusa</i>	Taos: 2.7 mi E of Questa, Hwy. 38, Kit Carson NF, above Cabresio Crk., oak/pine juniper, Latir Peak Wilderness Area, uv/mv trap, 7661' elev., 36.6898°N; -105.4534°W	06-Sep-13	H-H
<i>Apamea atosuffusa</i>	TAOS: 2.3 mi E of Questa, along Hwy. 38, Kit Carson NF, above Cabresio Crk., Latir Peak Wilderness Area, w/ Ericameria, at uv trap, 7514' elev., 36.7025°N; -105.5675°W	06-Sep-13	H-H
<i>Apamea geminimacula</i>	TAOS: 2.7 mi E of Questa, Hwy. 38, Kit Carson NF, above Cabresio Crk., oak/pine juniper, Latir Peak Wilderness Area, uv/mv trap, 7661' elev., 36.6898°N; -105.4534°W	06-Sep-13	H-H
<i>Papaipema baptisiae</i>	TAOS: 2.3 mi E of Questa, along Hwy. 38, Kit Carson NF, above Cabresio Crk., Latir Peak Wilderness Area, w/ Ericameria, at uv trap, 7514' elev., 36.7025°N; -105.5675°W	06-Sep-13	H-H
<i>Papaipema baptisiae</i>	Taos: 6.3 mi E of Questa, off Hwy. 38 along frontage rd Kit Carson NF, Latir Peak Wilderness Area, Brickellia/Ericameria/pine, uv trap, 8107' elev., 36.6950°N; -105.4963°W	06-Sep-13	H/H
<i>Papaipema baptisiae</i>	Taos: 2.7 mi E of Questa, Hwy. 38, Kit Carson NF, above Cabresio Crk., oak/pine juniper, Latir Peak Wilderness Area, uv/mv trap, 7661' elev., 36.6898°N; -105.4534°W	06-Sep-13	H-H
<i>Papaipema nelita</i>	Taos: 2.7 mi E of Questa, Hwy. 38, Kit Carson NF, above Cabresio Crk., oak/pine juniper, Latir Peak Wilderness Area, uv/mv trap, 7661' elev., 36.6898°N; -105.4534°W	06-Sep-13	H-H
<i>Papaipema nelita</i>	TAOS: 2.3 mi E of Questa, along Hwy. 38, Kit Carson NF, above Cabresio Crk., Latir Peak Wilderness Area, w/ Ericameria, at uv trap, 7514' elev., 36.7025°N; -105.5675°W	06-Sep-13	H-H
<i>Mesogona olivata</i>	TAOS: 2.7 mi E of Questa, Hwy. 38, Kit Carson NF, above Cabresio Crk., oak/pine juniper, Latir Peak Wilderness Area, uv/mv trap, 7661' elev., 36.6898°N; -105.4534°W	06-Sep-13	H-H
<i>Anathix aggressa</i>	Taos: 6.3 mi E of Questa, off Hwy. 38 along frontage rd Kit Carson NF, Latir Peak Wilderness Area, Brickellia/Ericameria/pine, uv trap, 8107' elev., 36.6950°N; -105.4963°W	06-Sep-13	H/H
<i>Anathix aggressa</i>	TAOS: 2.7 mi E of Questa, Hwy. 38, Kit Carson NF, above Cabresio Crk., oak/pine juniper, Latir Peak Wilderness Area, uv/mv trap, 7661' elev., 36.6898°N; -105.4534°W	06-Sep-13	H-H
<i>Anathix aggressa</i>	RIO ARRIBA : 8 mi. E. of Abiquiu, Hwy. 84 at Hwy. 554, along Rio Chama, riparian area with Ericameria, 5927'elev., 3 pm, 36.2126°N; -106.2540°W	07-Sep-13	H-H
<i>Andropolia diversilineata</i>	TAOS: 2.7 mi E of Questa, Hwy. 38, Kit Carson NF, above Cabresio Crk., oak/pine juniper, Latir Peak Wilderness Area, uv/mv trap, 7661' elev., 36.6898°N; -105.4534°W	06-Sep-13	H-H
<i>Andropolia theodori</i>	TAOS: 2.7 mi E of Questa, Hwy. 38, Kit Carson NF, above Cabresio Crk., oak/pine juniper, Latir Peak Wilderness Area, uv/mv trap, 7661' elev., 36.6898°N; -105.4534°W	06-Sep-13	H-H
<i>Rhizagrotis cloanthoides</i>	RIO ARRIBA: 0.5 mi SW of Medanales, Hwy. 84, 5870' elev., Parryella filifolia/ Artemisia filifolia assoc., roadside at mv & uv trap, 36.1595°N; -106.3131°W	11-Jul-13	CEH
<i>Fishia discors</i>	RIO ARRIBA : 0.8 mi SW of Medanales, above Arroyo del Toro, off Hwy. 84, Santa Fe National Forest, uv trap, 5870' elev., Parryella assoc., 36.1248°N; -106.1755°W	07-Sep-13	H-H
<i>Ufeus faunus</i>	LINCOLN: 3 mi WNW of Carrizozo, Hwy. 380 at mkr. 60.9, at lava flow, 5250' elev., Dasyllirion wheeleri/Baccharis emoryi assoc., mv & uv trap, 33.6849°N; -105.1696°W	12-Mar-13	CEH
<i>Hadenella pergentilis</i>	RIO ARRIBA : 15 mi. E. of Abiquiu, Hwy. 84 at Hwy. 554, along Rio Chama, riparian area with Ericameria, 5927'elev., 3 pm, 36.2126°N; -106.2540°W	07-Sep-13	H-H
<i>Anarta hamata</i>	RIO ARRIBA : 0.7 mi SW of Medanales, 200 yds e. of Hwy. 84, Santa Fe National Forest, uv trap, Parryella assoc. on dunes, 36.1439°N; -106.1838°W	05-Aug-13	CEH
<i>Anarta hamata</i>	Taos: 2.7 mi E of Questa, Hwy. 38, Kit Carson NF, above Cabresio Crk., oak/pine juniper, Latir Peak Wilderness Area, uv/mv trap, 7661' elev., 36.6898°N; -105.4534°W	06-Sep-13	H-H
<i>Scotogramma ptilodonta</i>	SANDOVAL: 4 mi. WNW of Bernalillo, Hwy. 550, 5638' elev., Parryella filifolia/ Artemisia filifolia assoc., roadside at mv & uv trap, 35.3604°N; -106.6219°W	26-Apr-13	CEH
<i>Scotogramma ptilodonta</i>	RIO ARRIBA: 0.5 mi SW of Medanales, Hwy. 84, 5870' elev., Parryella filifolia/ Artemisia filifolia assoc., roadside at mv & uv trap, 36.1595°N; -106.3131°W	05-Aug-13	CEH
<i>Lacinipolia spiculosa</i>	RIO ARRIBA : 16 mi. E. of Abiquiu, Hwy. 84 at Hwy. 554, along Rio Chama, riparian area with Ericameria, 5927'elev., 3 pm, 36.2126°N; -106.2540°W	07-Sep-13	H-H

<i>Lacinipolia strigicollis</i>	RIO ARRIBA: 0.5 mi SW of Medanales, Hwy. 84, 5870' elev.,	11-Jul-13	CEH
<i>Parryella filifolia/ Artemisia filifolia</i> assoc., roadside at mv & uv trap, 36.1595°N; -106.3131°W			
<i>Trichocerapoda obliterata</i>	RIO ARRIBA : 27 mi. E. of Abiquiu, Hwy. 84 at Hwy. 554,	07-Sep-13	H-H
along Rio Chama, riparian area with <i>Ericameria</i> , 5927'elev., 3 pm, 36.2126°N; -106.2540°W			
<i>Trichocerapoda strigata</i>	LINCOLN: 3 mi WNW of Carrizozo, Hwy. 380 at mkr. 60.9,	12-Mar-13	CEH
at lava flow, 5250' elev., <i>Dasyllirion wheeleri/Baccharis emoryi</i> assoc., mv & uv trap, 33.6849°N; -105.1696°W			
<i>Tricholita chipeta</i>	RIO ARRIBA: 0.5 mi SW of Medanales, Hwy. 84, 5870' elev.,	07-Sep-13	H-H
<i>Parryella filifolia/ Artemisia filifolia</i> assoc., roadside at mv & uv trap, 36.1595°N; -106.3131°W			
<i>Hydroeciodes juvenalis</i>	Taos: 2.7 mi E of Questa, Hwy. 38, Kit Carson NF,	06-Sep-13	H-H
above Cabresio Crk., oak/pine juniper, Latir Peak Wilderness Area, uv/mv trap, 7661' elev., 36.6898°N; -105.4534°W			
<i>Hydroeciodes juvenalis</i>	TAOS: 2.3 mi E of Questa, along Hwy. 38, Kit Carson NF,	06-Sep-13	H-H
above Cabresio Crk., Latir Peak Wilderness Area, w/ <i>Ericameria</i> , at uv trap, 7514' elev., 36.7025°N; -105.5675°W			
<i>Hydroeciodes juvenalis</i>	Taos: 6.3 mi E of Questa, off Hwy. 38 along frontage rd	06-Sep-13	H/H
Kit Carson NF, Latir Peak Wilderness Area, <i>Brickellia/Ericameria/pine</i> , uv trap, 8107' elev., 36.6950°N; -105.4963°W			
<i>Hydroeciodes serrata</i>	TAOS: 6.3 mi E of Questa, off Hwy. 38 along frontage rd	06-Sep-13	H/H
Kit Carson NF, Latir Peak Wilderness Area, <i>Brickellia/Ericameria/pine</i> , uv trap, 8107' elev., 36.6950°N; -105.4963°W			
<i>Anicla exuberans</i>	TAOS: 2.3 mi E of Questa, along Hwy. 38, Kit Carson NF,	06-Sep-13	H-H
above Cabresio Crk., Latir Peak Wilderness Area, w/ <i>Ericameria</i> , at uv trap, 7514' elev., 36.7025°N; -105.5675°W			
<i>Striacosta albicosta</i>	RIO ARRIBA: 0.5 mi SW of Medanales, Hwy. 84, 5870' elev.,	11-Jul-13	CEH
<i>Parryella filifolia/ Artemisia filifolia</i> assoc., roadside at mv & uv trap, 36.1595°N; -106.3131°W			
<i>Richia chortalis</i>	Taos: 6.3 mi E of Questa, off Hwy. 38 along frontage rd	06-Sep-13	H/H
Kit Carson NF, Latir Peak Wilderness Area, <i>Brickellia/Ericameria/pine</i> , uv trap, 8107' elev., 36.6950°N; -105.4963°W			
<i>Richia chortalis</i>	TAOS: 2.3 mi E of Questa, along Hwy. 38, Kit Carson NF,	06-Sep-13	H-H
above Cabresio Crk., Latir Peak Wilderness Area, w/ <i>Ericameria</i> , at uv trap, 7514' elev., 36.7025°N; -105.5675°W			
<i>Richia chortalis</i>	Taos: 2.7 mi E of Questa, Hwy. 38, Kit Carson NF,	06-Sep-13	H-H
above Cabresio Crk., oak/pine juniper, Latir Peak Wilderness Area, uv/mv trap, 7661' elev., 36.6898°N; -105.4534°W			
<i>Richia chortalis</i>	RIO ARRIBA : 18 mi. E. of Abiquiu, Hwy. 84 at Hwy. 554,	07-Sep-13	H-H
along Rio Chama, riparian area with <i>Ericameria</i> , 5927'elev., 3 pm, 36.2126°N; -106.2540°W			
<i>Richia parentalis</i>	Taos: 2.7 mi E of Questa, Hwy. 38, Kit Carson NF,	06-Sep-13	H-H
above Cabresio Crk., oak/pine juniper, Latir Peak Wilderness Area, uv/mv trap, 7661' elev., 36.6898°N; -105.4534°W			
<i>Copablepharon grandis</i>	RIO ARRIBA : 9 mi. E. of Abiquiu, Hwy. 84 at Hwy. 554,	07-Sep-13	H-H
along Rio Chama, riparian area with <i>Ericameria</i> , 5927'elev., 3 pm, 36.2126°N; -106.2540°W			
<i>Copablepharon serratigrande</i>	RIO ARRIBA : 0.8 mi SW of Medanales, above Arroyo del Toro,	11-Jul-13	05-Aug-13 CEH
off Hwy. 84, Santa Fe National Forest, uv trap, 5870' elev., <i>Parryella</i> assoc., 36.1248°N; -106.1755°W			
<i>Copablepharon spiritum leutescens</i>	RIO ARRIBA : 0.8 mi SW of Medanales, above Arroyo del Toro,	05-Aug-13	CEH
off Hwy. 84, Santa Fe National Forest, uv trap, 5870' elev., <i>Parryella</i> assoc., 36.1248°N; -106.1755°W			
<i>Copablepharon spiritum leutescens</i>	Rio Arriba : 10 mi. E. of Abiquiu, Hwy. 84 at Hwy. 554,	07-Sep-13	H-H
along Rio Chama, riparian area with <i>Ericameria</i> , 5927'elev., 3 pm, 36.2126°N; -106.2540°W			
<i>Protogygia postera</i>	RIO ARRIBA : 17 mi. E. of Abiquiu, Hwy. 84 at Hwy. 554,	07-Sep-13	H-H
along Rio Chama, riparian area with <i>Ericameria</i> , 5927'elev., 3 pm, 36.2126°N; -106.2540°W			
<i>Euxoa bochus</i>	RIO ARRIBA: 0.5 mi SW of Medanales, Hwy. 84, 5870' elev.,	11-Jul-13	CEH
<i>Parryella filifolia/ Artemisia filifolia</i> assoc., roadside at mv & uv trap, 36.1595°N; -106.3131°W			
<i>Euxoa catenula</i>	Taos: 2.7 mi E of Questa, Hwy. 38, Kit Carson NF,	06-Sep-13	H-H
above Cabresio Crk., oak/pine juniper, Latir Peak Wilderness Area, uv/mv trap, 7661' elev., 36.6898°N; -105.4534°W			
<i>Euxoa citricolor</i>	RIO ARRIBA: 0.5 mi SW of Medanales, Hwy. 84, 5870' elev.,	07-Sep-13	H-H
<i>Parryella filifolia/ Artemisia filifolia</i> assoc., roadside at mv & uv trap, 36.1595°N; -106.3131°W			
<i>Euxoa mimallonis</i>	Taos: 2.7 mi E of Questa, Hwy. 38, Kit Carson NF,	06-Sep-13	H-H
above Cabresio Crk., oak/pine juniper, Latir Peak Wilderness Area, uv/mv trap, 7661' elev., 36.6898°N; -105.4534°W			
<i>Euxoa mimallonis</i>	Taos: 6.3 mi E of Questa, off Hwy. 38 along frontage rd	06-Sep-13	H/H
Kit Carson NF, Latir Peak Wilderness Area, <i>Brickellia/Ericameria/pine</i> , uv trap, 8107' elev., 36.6950°N; -105.4963°W			
<i>Euxoa misturata</i>	RIO ARRIBA : 12 mi. E. of Abiquiu, Hwy. 84 at Hwy. 554,	07-Sep-13	H-H
along Rio Chama, riparian area with <i>Ericameria</i> , 5927'elev., 3 pm, 36.2126°N; -106.2540°W			
<i>Euxoa obeliscoides</i>	Taos: 2.3 mi E of Questa, along Hwy. 38, Kit Carson NF,	06-Sep-13	H-H
above Cabresio Crk., Latir Peak Wilderness Area, w/ <i>Ericameria</i> , at uv trap, 7514' elev., 36.7025°N; -105.5675°W			
<i>Euxoa obeliscoides</i>	Taos: 2.7 mi E of Questa, Hwy. 38, Kit Carson NF,	06-Sep-13	H-H
above Cabresio Crk., oak/pine juniper, Latir Peak Wilderness Area, uv/mv trap, 7661' elev., 36.6898°N; -105.4534°W			
<i>Euxoa recula</i>	RIO ARRIBA : 11 mi. E. of Abiquiu, Hwy. 84 at Hwy. 554,	07-Sep-13	H-H
along Rio Chama, riparian area with <i>Ericameria</i> , 5927'elev., 3 pm, 36.2126°N; -106.2540°W			
<i>Euxoa satiens</i>	Rio Arriba: 0.5 mi SW of Medanales, Hwy. 84, 5870' elev.,	07-Sep-13	H-H
<i>Parryella filifolia/ Artemisia filifolia</i> assoc., roadside at mv & uv trap, 36.1595°N; -106.3131°W			
<i>Euxoa satiens</i>	RIO ARRIBA : 0.8 mi SW of Medanales, above Arroyo del Toro,	07-Sep-13	H-H
off Hwy. 84, Santa Fe National Forest, uv trap, 5870' elev., <i>Parryella</i> assoc., 36.1248°N; -106.1755°W			
<i>Euxoa satiens</i>	Rio Arriba : 13 mi. E. of Abiquiu, Hwy. 84 at Hwy. 554,	07-Sep-13	H-H
along Rio Chama, riparian area with <i>Ericameria</i> , 5927'elev., 3 pm, 36.2126°N; -106.2540°W			
<i>Feltia subgothica</i>	RIO ARRIBA : 14 mi. E. of Abiquiu, Hwy. 84 at Hwy. 554,	07-Sep-13	H-H
along Rio Chama, riparian area with <i>Ericameria</i> , 5927'elev., 3 pm, 36.2126°N; -106.2540°W			
<i>Agrotis vetusta</i>	RIO ARRIBA : 7 mi. E. of Abiquiu, Hwy. 84 at Hwy. 554,	07-Sep-13	H-H
along Rio Chama, riparian area with <i>Ericameria</i> , 5927'elev., 3 pm, 36.2126°N; -106.2540°W			

<i>Xestia conchis</i>	TAOS: 2.7 mi E of Questa, Hwy. 38, Kit Carson NF,	06-Sep-13	H-H
above Cabresio Crk., oak/pine juniper, Latir Peak Wilderness Area, uv/mv trap, 7661' elev., 36.6898°N; -105.4534°W			
<i>Xestia conchis</i>	Taos: 2.3 mi E of Questa, along Hwy. 38, Kit Carson NF,	06-Sep-13	H-H
above Cabresio Crk., Latir Peak Wilderness Area, w/ Ericameria, at uv trap, 7514' elev., 36.7025°N; -105.5675°W			
<i>Xestia mustelina</i>	TAOS: 2.7 mi E of Questa, Hwy. 38, Kit Carson NF,	06-Sep-13	H-H
above Cabresio Crk., oak/pine juniper, Latir Peak Wilderness Area, uv/mv trap, 7661' elev., 36.6898°N; -105.4534°W			
<i>Xestia smithii</i>	TAOS: 6.3 mi E of Questa, off Hwy. 38 along frontage rd.	06-Sep-13	H/H
Kit Carson NF, Latir Peak Wilderness Area, Brickellia/Ericameria/pine, uv trap, 8107' elev., 36.6950°N; -105.4963°W			
<i>Xestia smithii</i>	TAOS: 2.7 mi E of Questa, Hwy. 38, Kit Carson NF,	06-Sep-13	H-H
above Cabresio Crk., oak/pine juniper, Latir Peak Wilderness Area, uv/mv trap, 7661' elev., 36.6898°N; -105.4534°W			
<i>Setagrotis radiola</i>	Taos: 2.7 mi E of Questa, Hwy. 38, Kit Carson NF,	06-Sep-13	H-H
above Cabresio Crk., oak/pine juniper, Latir Peak Wilderness Area, uv/mv trap, 7661' elev., 36.6898°N; -105.4534°W			
<i>Setagrotis vocalis</i>	TAOS: 2.7 mi E of Questa, Hwy. 38, Kit Carson NF,	06-Sep-13	H-H
above Cabresio Crk., oak/pine juniper, Latir Peak Wilderness Area, uv/mv trap, 7661' elev., 36.6898°N; -105.4534°W			
<i>Abagrotis bimarginalis</i>	TAOS: 2.7 mi E of Questa, Hwy. 38, Kit Carson NF,	06-Sep-13	H-H
above Cabresio Crk., oak/pine juniper, Latir Peak Wilderness Area, uv/mv trap, 7661' elev., 36.6898°N; -105.4534°W			
<i>Abagrotis mirabilis</i>	Taos: 2.7 mi E of Questa, Hwy. 38, Kit Carson NF,	06-Sep-13	H-H
above Cabresio Crk., oak/pine juniper, Latir Peak Wilderness Area, uv/mv trap, 7661' elev., 36.6898°N; -105.4534°W			
<i>Abagrotis mirabilis</i>	Taos: 6.3 mi E of Questa, off Hwy. 38 along frontage rd.	06-Sep-13	H/H
Kit Carson NF, Latir Peak Wilderness Area, Brickellia/Ericameria/pine, uv trap, 8107' elev., 36.6950°N; -105.4963°W			
<i>Abagrotis mirabilis</i>	TAOS: 2.3 mi E of Questa, along Hwy. 38, Kit Carson NF,	06-Sep-13	H-H
above Cabresio Crk., Latir Peak Wilderness Area, w/ Ericameria, at uv trap, 7514' elev., 36.7025°N; -105.5675°W			
<i>Abagrotis vittifrons</i>	TAOS: 2.3 mi E of Questa, along Hwy. 38, Kit Carson NF,	06-Sep-13	H-H
above Cabresio Crk., Latir Peak Wilderness Area, w/ Ericameria, at uv trap, 7514' elev., 36.7025°N; -105.5675°W			
<i>Pronotua typica</i>	TAOS: 2.7 mi E of Questa, Hwy. 38, Kit Carson NF,	06-Sep-13	H-H
above Cabresio Crk., oak/pine juniper, Latir Peak Wilderness Area, uv/mv trap, 7661' elev., 36.6898°N; -105.4534°W			
<i>Tarache toddi</i>	RIO ARRIBA: 0.5 mi SW of Medanales, Hwy. 84, 5870' elev.,	11-Jul-13	CEH
<i>Parryella filifolia</i> / <i>Artemisia filifolia</i> assoc., roadside at mv & uv trap, 36.1595°N; -106.3131°W			

UTAH

Ten contributors submitted their findings and those of 16 additional collectors and observers for the 2013 Season. Three County Records for butterflies were given as well as 144 county records for moths were reported. Paul Opler submitted butterfly and moth data for the Grand Staircase-Escalante National Monument, including records from his and David Wickle's current survey work as well as historical records for the area.

Butterflies

HESPERIIDAE

<i>Erynnis telemachus</i>	Kane: Grand Staircase-Escalante National Monument	12-May-00	PAO
taken by Chynoweth & Miles, Pine Point near Nephi Pasture off Johnson Canyon Road			
<i>Erynnis telemachus</i>	Kane: Grand Staircase-Escalante National Monument	09-May-01	PAO
taken by the BYU team, Lick Wash trailhead, Skutumpah Road, 6232' elev., 37.3647°N; -112.1886°W			
<i>Erynnis telemachus</i>	Kane: Grand Staircase-Escalante National Monument	09-May-01	PAO
taken by Morrison & Lorimer, Lick Wash trailhead, Skutumpah Road, 6232' elev., 37.3647°N; -112.1886°W			
<i>Pyrgus communis</i>	Kane: Grand Staircase-Escalante National Monument	12-May-00	PAO
taken by the BYU team, Adams Wash near Timber Mountain, off Skutumpah Road			
<i>Pyrgus communis</i>	Kane: Grand Staircase-Escalante National Monument	14-May-13	O/W
Skutumpah Road, Willis Creek, 6020' elev., 37.4827°N; -112.0972°W			
<i>Copaeodes aurantiaca</i>	Kane: Grand Staircase-Escalante National Monument	06-Jul-00	PAO
taken by C.R. Nelson, Drip Tank Canyon, off Smoky Mountain Road			
<i>Polites draco</i>	Garfield: Grand Staircase-Escalante National Monument	30-Jul-00	PAO
taken by Sellers, 1.14 mile south of Tropic Reservoir 128			
<i>Polites sonora</i>	Garfield: Grand Staircase-Escalante National Monument	30-Jul-00	PAO
taken by Sellers, Boulder Creek jct. Right Fork 128			
<i>Ochlodes yuma</i>	Garfield: Grand Staircase-Escalante National Monument	11-Jul-00	PAO
taken by the BYU team, Boulder Mail Trail, Death Hollow, 37.8592°N; -111.5008°W			
<i>Poanes taxiles</i>	Garfield: Grand Staircase-Escalante National Monument	11-Jul-00	PAO
taken by the BYU team, Boulder Mail Trail, Death Hollow, 37.8592°N; -111.5008°W			
<i>Poanes taxiles</i>	Kane: Grand Staircase-Escalante National Monument	08-Aug-00	PAO
<i>Poanes taxiles</i>	Kane: Grand Staircase-Escalante National Monument	06-Jul-01	PAO
by Clarke & Green, Water Canyon, off Cottonwood Point Wilderness canyon, 5616' elev., 37.0686°N; -112.6303°W			

PAPILIONIDAE

<i>Papilio machaon bairdii</i>	Garfield: Grand Staircase-Escalante National Monument	12-May-12	DW
Spencer Flat Rd "basin", 6135' elev., 37.7122°N;			
<i>Papilio multicaudata</i>	Garfield: Grand Staircase-Escalante National Monument	10-May-01	PAO
taken by the BYU team, Tinajas w of Calf Creek Campground			
<i>Papilio multicaudata</i>	Kane: Grand Staircase-Escalante National Monument	06-Jul-01	PAO
by Clarke & Green, Water Canyon, off Cottonwood Point Wilderness canyon, 5616' elev., 37.0686°N; -112.6303°W			
<i>Papilio rutulus</i>	Garfield: Grand Staircase-Escalante National Monument	27-Jun-76	SJM
Calf Creek Recreation Area			

PIERIDAE

<i>Pontia beckerii</i> taken by Messinger, 3.9 miles south Horse Pasture Mesa	Garfield: Grand Staircase-Escalante National Monument	09-Jun-00		PAO
<i>Pontia beckerii</i> taken by C.R. Nelson, Drip Tank Canyon, off Smoky Mountain Road	Kane: Grand Staircase-Escalante National Monument	06-Jul-00		PAO
<i>Pontia beckerii</i> taken by the BYU team, Lick Wash trailhead, Skutumpah Road, 6232' elev., 37.3647°N; -112.1886°W	Kane: Grand Staircase-Escalante National Monument	09-May-01		PAO
<i>Pontia beckerii</i> Highway 89, mp 24-26	Kane: Grand Staircase-Escalante National Monument	16-May-12		O/W
<i>Pontia occidentalis</i> taken by Morrison & Lorimer, Nephi Pasture Road off Kitchen Corral Road, 5761' elev., 37.2769°N; -112.1375°W	Kane: Grand Staircase-Escalante National Monument	08-May-01		PAO
<i>Pontia occidentalis</i> taken by Morrison & Lorimer, Lick Wash trailhead, Skutumpah Road, 6232' elev., 37.3647°N; -112.1886°W	Kane: Grand Staircase-Escalante National Monument	09-May-01		PAO
<i>Pontia protodice</i> taken by the BYU team, Henrieville Creek at Highway 12	Garfield: Grand Staircase-Escalante National Monument	15-May-01		PAO
<i>Pontia protodice</i> Highway 89, mp 24-26	Kane: Grand Staircase-Escalante National Monument	16-May-12		O/W
<i>Colias alexandra edwardsii</i> hills 2-3 mi. W of rest stop	Sevier: Frontage Road off eastbound I-70,	14-Jun-13	22-Jun-13	KD
<i>Colias christina pseudochristina</i> nr. Mt. Nebo,	Juab: Salt Creek Trail above Bear Creek Camp,	23-Jun-13		KD
<i>Nathalis iole</i> taken by the BYU team, Escalante River trailhead, highway 12	Garfield: Grand Staircase-Escalante National Monument	18-Jul-01		PAO
<i>Nathalis iole</i> taken by the BYU team, Sheffield Road, 1 mile from Highway 12	Garfield: Grand Staircase-Escalante National Monument	23-Jul-01		PAO
<i>Nathalis iole</i> taken by the BYU team, Burr Trail Road, jct. Wolverine Loop Road, 5920' elev.,	Garfield: Grand Staircase-Escalante National Monument	13-Aug-01		PAO

LYCAENIDAE

<i>Satyrrium sylvinus</i> taken by the BYU team, Sheep Creek below Skutumpah Road	Kane: Grand Staircase-Escalante National Monument	26-Jun-01		PAO
<i>Satyrrium sylvinus</i> taken by Kuehnl & Kavan, Deer Creek campground,	Garfield: Grand Staircase-Escalante National Monument	17-Jul-01		PAO
<i>Satyrrium sylvinus</i> taken by the BYU team, Henrieville Springs off Highway 12	Garfield: Grand Staircase-Escalante National Monument	20-Jul-01		PAO
<i>Callophrys affinis</i> hills 2-3 mi. W of rest stop	Sevier: Frontage Road off eastbound I-70,	22-Jun-13		KD
<i>Callophrys eryphon</i> taken by Morrison & Lorimer, Lick Wash trailhead, Skutumpah Road, 6232' elev., 37.3647°N; -112.1886°W	Kane: Grand Staircase-Escalante National Monument	09-May-01		PAO
<i>Callophrys fotis</i> taken by J. Brock & P. Opler, House Rock Valley Rd., 5095' elev., 37.0952°N; -111.9833°W	Kane: Grand Staircase-Escalante National Monument	15-May-12		PAO
<i>Callophrys gryneus</i> Highway 89, mp 24-26	Kane: Grand Staircase-Escalante National Monument	16-May-12		O/W
<i>Callophrys gryneus siva</i> taken by the BYU team, trail to Mollie's Nipple	Kane: Grand Staircase-Escalante National Monument	08-Jun-00		PAO
<i>Callophrys gryneus siva</i> taken by C.R. Nelson, Drip Tank Canyon, off Smoky Mountain Road	Kane: Grand Staircase-Escalante National Monument	06-Jul-00		PAO
<i>Strymon melinus</i> taken by the BYU team, 50-mile Mountain, Harvey's Fear, maple seep canyon	Kane: Grand Staircase-Escalante National Monument	01-Sep-01		PAO
<i>Strymon melinus</i> taken by the BYU team, nr. Escalante River, Escalante, jct. Hwy 12	Garfield: Grand Staircase-Escalante National Monument	01-Aug-02		PAO
<i>Hypaurotis crysalus</i> by Clarke & Green, Water Canyon, off Cottonwood Point Wilderness canyon, 5616' elev., 37.0686°N; -112.6303°W	Kane: Grand Staircase-Escalante National Monument	06-Jul-01		PAO
<i>Leptotes marina</i> taken by the BYU team, Lower Calf Creek Falls trail	Garfield: Grand Staircase-Escalante National Monument	01-May-01		PAO
<i>Leptotes marina</i> taken by the BYU team, Sheep Creek below Skutumpah Road	Kane: Grand Staircase-Escalante National Monument	26-Jun-01		PAO
<i>Leptotes marina</i> taken by the BYU team, Smoky Mountain Road, Oak Spring, 6029' elev., 37.705°N; -111.6275°W	Garfield: Grand Staircase-Escalante National Monument	27-Jun-01		PAO
<i>Brephidium exilis</i> taken by the BYU team, Smoky Mountain Road, Oak Spring, 6029' elev., 37.705°N; -111.6275°W	Garfield: Grand Staircase-Escalante National Monument	27-Jun-01		PAO
<i>Brephidium exilis</i> taken by the BYU team, Lower Calf Creek Falls trail	Garfield: Grand Staircase-Escalante National Monument	18-Jul-01		PAO
<i>Euphilotes ellisii</i> taken by the BYU team, Calf Creek Campground	GARFIELD: Grand Staircase-Escalante National Monument	29-Aug-01		PAO
<i>Euphilotes mojave virginensis</i> by J. Brock & P. Opler, House Rock Valley Rd., 5095' elev., on Eriogonum wetherilli, 37.0952°N; -111.9833°W	KANE: Grand Staircase-Escalante National Monument	15-May-12		PAO
<i>Euphilotes pallescens emmeli</i> taken by Lauersdorf & Opler, Spencer Flat Road, on Eriogonum	GARFIELD: Grand Staircase-Escalante National Monument	20-Jul-13		PAO

RIODINIDAE

<i>Apodemia mormo</i>	Garfield: Grand Staircase-Escalante National Monument	19-Jul-00	PAO
taken by the BYU team, Henderson Canyon, near Henrieville, 6546' elev., 37.6453°N; -111.8919°W			
<i>Apodemia mormo</i>	Kane: Grand Staircase-Escalante National Monument	07-Aug-00	PAO
taken by C.R. Nelson, 50-mile Mountain, Lake Pasture near Griffin Cabin			

NYMPHALIDAE

<i>Libytheana carinenta</i>	Kane: Grand Staircase-Escalante National Monument	01-May-01	PAO
taken by the BYU team, Hackberry Canyon off Cottonwood Road, 39.2567°N; -111.9078°W			
<i>Libytheana carinenta</i>	Kane: Grand Staircase-Escalante National Monument	22-May-01	PAO
taken by Morrison & Lorimer, Cottonwood Road, Hackberry Canyon, 4814' elev., 37.2567°N; -111.9092°W			
<i>Danaus gilippus</i>	Kane: Grand Staircase-Escalante National Monument	01-May-01	PAO
taken by the BYU team, Hackberry Canyon off Cottonwood Road, 39.2567°N; -111.9078°W			
<i>Danaus gilippus</i>	Kane: Grand Staircase-Escalante National Monument	25-Jun-01	PAO
taken by the BYU team, Croton Canyon Road, Croton Canyon, 3937' elev., 35.2333°N; -111.3133°W			
<i>Danaus gilippus</i>	Garfield: Grand Staircase-Escalante National Monument	28-Jun-01	PAO
taken by the BYU team, Smoky Mountain Road, Right Hand Canyon			
<i>Danaus plexippus</i>	Garfield: Grand Staircase-Escalante National Monument	09-Aug-01	10-Aug-01 PAO
taken by the BYU team, Boulder Mail Trail, Death Hollow			
<i>Coenonympha tullia pseudobrenda</i>	Sevier: Frontage Road off eastbound I-70,	14-Jun-13	22-Jun-13 KD
hills 2-3 mi. W of rest stop, observed as common on first date, scarce on later date			
<i>Cercyonis meadii</i>	Kane: Grand Staircase-Escalante National Monument	06-Jul-00	PAO
taken by C.R. Nelson, Drip Tank Canyon, off Smoky Mountain Road			
<i>Cercyonis meadii</i>	Garfield: Grand Staircase-Escalante National Monument	19-Jul-00	PAO
taken by the BYU team, Henderson Canyon, near Henrieville, 6546' elev., 37.6453°N; -111.8919°W			
<i>Cercyonis meadii</i>	Kane: Grand Staircase-Escalante National Monument	03-Aug-00	13-Aug-00 PAO
taken by the BYU team, Seaman Wash at spring off 89			
<i>Cercyonis meadii</i>	Kane: Grand Staircase-Escalante National Monument	07-Aug-00	PAO
taken by C.R. Nelson, 50-mile Mountain, Lake Pasture near Griffin Cabin			
<i>Cercyonis meadii</i>	Kane: Grand Staircase-Escalante National Monument	08-Aug-00	PAO
taken by the BYU team, Pleasant Grove Canyon			
<i>Cercyonis meadii</i>	Kane: Grand Staircase-Escalante National Monument	26-Jun-01	PAO
taken by the BYU team, Sheep Creek below Skutumpah Road			
<i>Cercyonis meadii</i>	Garfield: Grand Staircase-Escalante National Monument	27-Jun-01	PAO
taken by the BYU team, Smoky Mountain Road, Oak Spring, 6029' elev., 37.705°N; -111.6275°W			
<i>Cercyonis meadii</i>	Kane: Grand Staircase-Escalante National Monument	06-Jul-01	PAO
by Clarke & Green, Water Canyon, off Cottonwood Point Wilderness canyon, 5616' elev., 37.0686°N; -112.6303°W			
<i>Cercyonis meadii</i>	Kane: Grand Staircase-Escalante National Monument	22-Jul-01	PAO
taken by the BYU team, Lick Wash trailhead, Skutumpah Road			
<i>Cercyonis meadii</i>	Kane: Grand Staircase-Escalante National Monument	31-Aug-01	PAO
taken by the BYU team, 50-mile Mountain, Blondie Knoll, maple seep canyon			
<i>Cercyonis pegala</i>	Kane: Grand Staircase-Escalante National Monument	08-Aug-00	PAO
taken by the BYU team, Lake Pasture			
<i>Cercyonis sthenele</i>	Kane: Grand Staircase-Escalante National Monument	03-Aug-00	13-Aug-00 PAO
taken by the BYU team, Seaman Wash at spring off 89			
<i>Cercyonis sthenele</i>	Garfield: Grand Staircase-Escalante National Monument	05-Jul-01	PAO
taken by the BYU team, Boulder Mail Trail, Death Hollow			
<i>Cyllopsis pertepida</i>	Kane: Grand Staircase-Escalante National Monument	06-Jul-01	PAO
by Clarke & Green, Water Canyon, off Cottonwood Point Wilderness canyon, 5616' elev., 37.0686°N; -112.6303°W			
<i>Neominois ridingsii stretchii</i>	Sevier: Frontage Road off eastbound I-70,	14-Jun-13	22-Jun-13 KD
hills 2-3 mi. W of rest stop			
<i>Oeneis chryxus</i>	Sevier: Frontage Road off eastbound I-70,	14-Jun-13	KD
hills 2-3 mi. W of rest stop			
<i>Euptoieta claudia</i>	Garfield: Grand Staircase-Escalante National Monument	31-May-01	PAO
taken by the BYU team, Hole-in-the-Rock Road, Devil's Garden			
<i>Euptoieta claudia</i>	Garfield: Grand Staircase-Escalante National Monument	28-Jun-01	PAO
taken by the BYU team, Pine Creek he Box trailhead			
<i>Speyeria nokomis</i>	Garfield: Grand Staircase-Escalante National Monument	25-Jul-76	SJM
Calf Creek Recreation Area			
<i>Limnitis weidemeyerii</i>	Kane: Grand Staircase-Escalante National Monument	03-Jul-01	PAO
by BYU team, Wire Pass Trail, off Buckskin Pass Road, walk to petroglyphs, 5889' elev., 37.0131°N; -112.0203°W			
<i>Adelpha eulalia</i>	Kane: Grand Staircase-Escalante National Monument	10-May-00	PAO
taken by the BYU team, Lick Wash trailhead, Skutumpah Road			
<i>Adelpha eulalia</i>	Kane: Grand Staircase-Escalante National Monument	01-May-01	PAO
taken by the BYU team, Hackberry Canyon off Cottonwood Road, 39.2567°N; -111.9078°W			
<i>Adelpha eulalia</i>	Kane: Grand Staircase-Escalante National Monument	09-May-01	PAO
taken by C.R. Nelson, Lick Wash trailhead, Skutumpah Road, 6232' elev., 37.3647°N; -112.1886°W			
<i>Adelpha eulalia</i>	Kane: Grand Staircase-Escalante National Monument	31-Aug-01	PAO
taken by the BYU team, 50-mile Mountain, Blondie Knoll, maple seep canyon			

Vanessa annabella taken by the BYU team, Lick Wash trailhead, Skutumpah Road, 6232' elev., 37.3647°N; -112.1886°W	Kane: Grand Staircase-Escalante National Monument	22-Jul-01	PAO
Vanessa atalanta taken by the BYU team, Kanab Creek, Kanab Canyon off 89	Kane: Grand Staircase-Escalante National Monument	14-May-01	PAO
Nymphalis antiopa taken by Morrison & Lorimer, Lick Wash trailhead, Skutumpah Road, 6232' elev., 37.3647°N; -112.1886°W	Kane: Grand Staircase-Escalante National Monument	09-May-01	PAO
Nymphalis antiopa taken by the BYU team, Whitehouse Campground off US 89, 5030' elev., 37.0789°N; -111.8894°W	Kane: Grand Staircase-Escalante National Monument	19-May-01	PAO
Poladryas arachne taken by the BYU team, on Road 560, 8.9 miles south of Skutumpah Road, 7029' elev., 37.2128°N; -112.2686°W	Kane: Grand Staircase-Escalante National Monument	12-Sep-01	PAO
Chlosyne acastus taken by the BYU team, Lick Wash trailhead, Skutumpah Road	Kane: Grand Staircase-Escalante National Monument	10-May-00	PAO
Chlosyne acastus taken by Chynoweth & Miles, Swapp Canyon, Johnson Canyon Road	Kane: Grand Staircase-Escalante National Monument	10-May-01	PAO
Chlosyne acastus taken by the BYU team, Kitchen Corral Rd, 2.5 miles N of Mollie's Nipple sign	Kane: Grand Staircase-Escalante National Monument	25-May-01	PAO
Chlosyne acastus taken by the BYU team, Sheep Creek below Skutumpah Road	Kane: Grand Staircase-Escalante National Monument	26-Jun-01	PAO
Phyciodes pallida taken by Chynoweth & Miles, Swapp Canyon, Johnson Canyon Road	Kane: Grand Staircase-Escalante National Monument	10-May-01	PAO
Phyciodes pulchella taken by the BYU team, Sheep Creek below Skutumpah Road, 5914' elev., 37.4907°N; -112.1427°W	Kane: Grand Staircase-Escalante National Monument	12-May-00	PAO
Phyciodes pulchella taken by Kuehnl & Kavan, Pine Creek, Blue Spruce Campground, 23 miles NW Boulder	Garfield: Grand Staircase-Escalante National Monument	24-Jul-01	PAO
Phyciodes pulchella taken by the BYU team, Oak Spring, off Smoky Mountain Road	Garfield: Grand Staircase-Escalante National Monument	31-Jul-01	PAO
Phyciodes pulchella taken by the BYU team, Lower Calf Creek Falls trail	Garfield: Grand Staircase-Escalante National Monument	06-Sep-01	PAO
Euphydryas anicia alena	Iron: Lower Cedar Canyon, E of Cedar City,	13-Jun-13	KD
Euphydryas editha lehmani hills 2-3 mi. W of rest stop	Sevier: Frontage Road off eastbound I-70,	14-Jun-13	KD

Moths

PRODOXIDAE

Tegeticula altiplanella flushed from yucca flowers;	GRAND: Moab, Castle Valley,	19-Jun-13	VXA
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ELACHISTIDAE

Ethmia discostrigella House Rock Valley Rd., 5095' elev., 37.0952°N; -111.9833°W	KANE: Grand Staircase-Escalante National Monument	15-May-12	O/W
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CRAMBIDAE

Cybalomia extorris	GRAND: Moab, Red Cliff Lodge,	19-May-13	VXA
Loxostege lepidalis at MV light;	GRAND: Moab, Red Cliff Lodge,	19-May-13	VXA
Loxostege lepidalis resting under MV light;	SEVIER: Fish Lake N.F., I 70 Rest Area;	28-Jul-13	VXA
Petrophila jalscalis Calf Creek Campground (State Record)	GARFIELD: Grand Staircase-Escalante National Monument	13-Jun-12	14-Jun-12 O/B
Petrophila schaefferalis Calf Creek Campground (State Record)	GARFIELD: Grand Staircase-Escalante National Monument	13-Jun-12	14-Jun-12 O/B
Pseudoschoenobi opalescalis at MV light	WASHINGTON: Hurricane	28-Jul-13	VXA
Thaumatopsis repanda resting under MV light;	SEVIER: Fish Lake NF., I 70 Rest Area;	28-Jul-13	VXA
Thaumatopsis repanda resting under MV light;	SEVIER: Fish Lake NF., I 70 Rest Area;	10-Aug-13	VXA

SESIIDAE

Albuna pyramidalis form beutenmulleri; diurnal, at 6000 ft, on flowers;	GRAND: Moab, Castle Valley,	19-May-13	VXA
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COSSIDAE

Comadia henrici Spencer Flat Rd at Corral, at 5950' elev., 37.7256°N; -111.4421°W	GARFIELD: Grand Staircase-Escalante National Monument	14-May-12	O/W
Prionoxystus robiniae taken by the BYU team, Calf Creek Campground	GARFIELD: Grand Staircase-Escalante National Monument	03-Jul-01	PAO
Prionoxystus robiniae at MV light;	Grand: Moab, Red Cliff Lodge,	19-May-13	VXA

TORTRICIDAE

Phaneta mayelisana Spencer Flat Road at dune	GARFIELD: Grand Staircase-Escalante National Monument	15-May-13	O/W
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<i>Eucosma bobana</i> Spencer Flat Rd at Corral, at 5950' elev., 37.7256°N; -111.4421°W	GARFIELD: Grand Staircase-Escalante National Monument	14-May-12		O/W
<i>Eucosma bobana</i> House Rock Valley Rd., 5095' elev., 37.0952°N; -111.9833°W	KANE: Grand Staircase-Escalante National Monument	15-May-12		O/W
<i>Eucosma bobana</i> Wolverine Loop, at corral, 37.83256°N; -111.10971°W	Garfield: Grand Staircase-Escalante National Monument	16-May-13		O/W
<i>Eucosma canariana</i> taken by Lauersdorf, Opler & Buckner-Opler, Pine Creek Road, Pine Creek wier	GARFIELD: Grand Staircase-Escalante National Monument	15-Jul-13		O/B
<i>Eucosma gilletteana</i> Wolverine Loop, at corral, 37.83256°N; -111.10971°W	GARFIELD: Grand Staircase-Escalante National Monument	16-May-13		O/W
<i>Eucosma gilletteana</i> taken by Lauersdorf, Opler & Buckner-Opler, Pine Creek Road, Pine Creek wier	GARFIELD: Grand Staircase-Escalante National Monument	15-Jul-13		O/B
<i>Hystriophora vestaliana</i> diurnal, flushed from flowers;	GRAND: Moab, Castle Valley,	19-May-13		VXA
GEOMETRIDAE				
<i>Digrammia atrofasciata</i> resting under MV light;	SEVIER: Fish Lake N.F., I 70 rest Area;	28-Jul-13		VXA
<i>Digrammia gilletteana</i> Calf Creek Campground, 5325' elev., 37.7917°N; -111.4150°W	GARFIELD: Grand Staircase-Escalante National Monument	24-Jun-12		O/B
<i>Hesperumia sulphuraria</i> House Rock Valley Rd., 5095' elev., 37.0952°N; -111.9833°W	KANE: Grand Staircase-Escalante National Monument	15-May-12		O/W
<i>Pero anctaria</i> Yellow cliff site, Skutumpah Road	KANE: Grand Staircase-Escalante National Monument	14-May-13		O/W
<i>Pero anctaria</i> Burr Trail Road, The Gulch trailhead	GARFIELD: Grand Staircase-Escalante National Monument	17-May-13		O/W
<i>Pero anctaria</i> taken by Lauersdorf, Opler & Buckner-Opler, Pine Creek Road, Pine Creek wier	Garfield: Grand Staircase-Escalante National Monument	15-Jul-13		O/B
<i>Pero gigantea</i> Mud Springs Road, 0.3 mi. W Mud Springs	GARFIELD: Grand Staircase-Escalante National Monument	15-Jul-13		O/B
<i>Pero meskaria</i> Wolverine Loop, at corral, 37.83256°N; -111.10971°W	GARFIELD: Grand Staircase-Escalante National Monument	16-May-13		O/W
<i>Pero meskaria</i> taken by Lauersdorf, Opler & Buckner-Opler, Pine Creek Road, Pine Creek wier	Garfield: Grand Staircase-Escalante National Monument	15-Jul-13		O/B
<i>Pero modesta</i> Wolverine Loop, at corral, 37.83256°N; -111.10971°W	GARFIELD: Grand Staircase-Escalante National Monument	16-May-13		O/W
<i>Pero occidentalis</i> Wolverine Loop, at corral, 37.83256°N; -111.10971°W	GARFIELD: Grand Staircase-Escalante National Monument	16-May-13		O/W
<i>Nacophora mexicanaria</i> Spencer Flat Rd at Corral, at 5950' elev., 37.7256°N; -111.4421°W	GARFIELD: Grand Staircase-Escalante National Monument	14-May-12		O/W
<i>Nacophora mexicanaria</i> Calf Creek Campground, 5325' elev., 37.7917°N; -111.4150°W	Garfield: Grand Staircase-Escalante National Monument	13-Jun-12	14-Jun-12	O/B
<i>Philtraea utahensis</i> House Rock Valley Rd., 5095' elev., 37.0952°N; -111.9833°W	KANE: Grand Staircase-Escalante National Monument	15-May-12		O/W
<i>Philtraea utahensis</i> diurnal, flushed from vegetation;	Grand: Moab, Castle Valley,	19-May-13		VXA
<i>Caripeta aequaliaria</i> taken by the BYU team, 7.5 miles E Henrieville, Hwy 12	GARFIELD: Grand Staircase-Escalante National Monument	15-Sep-01		PAO
<i>Nemeris speciosa</i> resting under MV light;	SEVIER: Fish Lake NF., I 70 Rest Area;	10-Aug-13		VXA
<i>Plataea trilinearia</i> taken by the BYU team, Calf Creek Campground	GARFIELD: Grand Staircase-Escalante National Monument	09-May-02		PAO
<i>Plataea trilinearia</i> Spencer Flat Rd at Corral, at 5950' elev., 37.7256°N; -111.4421°W	Garfield: Grand Staircase-Escalante National Monument	14-May-12		O/W
<i>Chlorosea margaretaria</i> House Rock Valley Rd., 5095' elev., 37.0952°N; -111.9833°W	KANE: Grand Staircase-Escalante National Monument	15-May-12		O/W
<i>Chlorosea margaretaria</i> Spencer Flat Rd at Corral, at 5950' elev., 37.7256°N; -111.4421°W	GARFIELD: Grand Staircase-Escalante National Monument	15-May-12		O/W
<i>Chlorosea nevadaria</i> Spencer Flat Rd at Corral, at 5950' elev., 37.7256°N; -111.4421°W	GARFIELD: Grand Staircase-Escalante National Monument	14-May-12		O/W
<i>Chlorosea nevadaria</i> Mud Spring Road, 0.4 mi. W Mud Spring	GARFIELD: Grand Staircase-Escalante National Monument	15-Jul-13		O/B
<i>Chlorosea roseitacta</i> Mud Springs Road, 0.3 mi. W Mud Springs	GARFIELD: Grand Staircase-Escalante National Monument	15-Jul-13		O/B
<i>Chlorosea roseitacta</i>	SEVIER: Fish Lake N.F., I 70 rest Area;	10-Aug-13		VXA
<i>Nemoria bistrigaria chetoscelis</i> Spencer Flat Rd at Corral, at 5950' elev., 37.7256°N; -111.4421°W	Garfield: Grand Staircase-Escalante National Monument	14-May-12	15-May-12	O/W
<i>Nemoria bistrigaria chetoscelis</i> House Rock Valley Rd., 5095' elev., 37.0952°N; -111.9833°W	KANE: Grand Staircase-Escalante National Monument	15-May-12		O/W

Nemoria intensaria	GARFIELD: Grand Staircase-Escalante National Monument	16-May-13	O/W
Wolverine Loop, at corral, 37.83256°N; -111.10971°W			
Nemoria latirosaria	KANE: Grand Staircase-Escalante National Monument	14-May-13	O/W
Yellow cliff site, Skutumpah Road			
Nemoria obliqua	GARFIELD: Grand Staircase-Escalante National Monument	24-Jun-12	O/B
Calf Creek Campground			
Nemoria obliqua	KANE: Grand Staircase-Escalante National Monument	14-May-13	O/W
Yellow cliff site, Skutumpah Road			
Dichorda rectaria	KANE: Grand Staircase-Escalante National Monument	15-May-12	O/W
House Rock Valley Rd., 5095' elev., 37.0952°N; -111.9833°W			
Synchlora aerata	Grand: Moab, Red Cliff Lodge,	19-May-13	VXA
at MV light;			
Synchlora aerata liquoraria	GARFIELD: Grand Staircase-Escalante National Monument	15-Jul-13	O/B
taken by Lauersdorf, Opler & Buckner-Opler, Pine Creek Road, Pine Creek wier			
Idaea celtima	KANE: Grand Staircase-Escalante National Monument	15-May-12	O/W
House Rock Valley Rd., 5095' elev., 37.0952°N; -111.9833°W			
Perizoma custodiata	Grand: Moab, Red Cliff Lodge,	19-May-13	VXA
at MV light;			
Marmopteryx tessellata	GARFIELD: Grand Staircase-Escalante National Monument	14-May-12	O/W
Spencer Flat Rd at Corral, at 5950' elev., 37.7256°N; -111.4421°W			
Eupithecia adequata	GARFIELD: Grand Staircase-Escalante National Monument	16-May-13	O/W
Wolverine Loop, at corral, 37.83256°N; -111.10971°W			
Eupithecia edna	GARFIELD: Grand Staircase-Escalante National Monument	16-May-13	O/W
Wolverine Loop, at corral, 37.83256°N; -111.10971°W			
Eupithecia macdunnoughi	GARFIELD: Grand Staircase-Escalante National Monument	14-May-13	O/W
Lick Wash trailhead, Skutumpah Road			
Eupithecia maestosa	GARFIELD: Grand Staircase-Escalante National Monument	15-Jul-13	O/W
Mud Springs Road, 0.4 mile west of Mud Spring			
Eupithecia nevadata	GARFIELD: Grand Staircase-Escalante National Monument	14-May-13	O/W
Lick Wash trailhead, Skutumpah Road			
Eupithecia subcolorata	GARFIELD: Grand Staircase-Escalante National Monument	15-Jul-13	O/W
Mud Springs Road, 0.4 mile west of Mud Spring			
Nasusina inferior	GARFIELD: Grand Staircase-Escalante National Monument	16-May-13	O/W
Wolverine Loop, at corral, 37.83256°N; -111.10971°W			
LASIOCAMPIDAE			
Phyllodesma americana	Garfield: Grand Staircase-Escalante National Monument	19-Jun-01	PAO
taken by the BYU team, Posey Lake campground, 15 miles W Escalante			
Gloveria arizonensis	KANE: Grand Staircase-Escalante National Monument	03-Aug-00	04-Aug-00 PAO
taken by C.R. Nelson, Snake Canyon, off Paria River, 5056' elev., 37.3461°N; -112.0092°W			
Gloveria arizonensis	Garfield: Grand Staircase-Escalante National Monument	13-Aug-01	PAO
taken by the BYU team, Wolverine Loop Road at Horse Creek; 37.8497°N; -111.2231°W			
Malacosoma californicum	GARFIELD: Grand Staircase-Escalante National Monument	14-May-12	O/W
Spencer Flat Rd at Corral, at 5950' elev., 37.7256°N; -111.4421°W			
Malacosoma incurvum	GARFIELD: Grand Staircase-Escalante National Monument	14-May-12	O/W
Spencer Flat Rd at Corral, at 5950' elev., 37.7256°N; -111.4421°W			
SATURNIIDAE			
Hemileuca eglanterina	Garfield: Grand Staircase-Escalante National Monument	31-Jul-01	PAO
taken by the BYU team, Boulder Mail Trail, Death Hollow			
Antheraea oculea	GARFIELD: Grand Staircase-Escalante National Monument	03-Jul-01	PAO
taken by the BYU team, Calf Creek Campground			
Antheraea oculea	Garfield: Grand Staircase-Escalante National Monument	11-Jul-01	PAO
taken by the BYU team, Calf Creek Campground			
Hyalophora columbia gloveri	Garfield: Grand Staircase-Escalante National Monument	03-May-00	PAO
taken by the BYU team, Deer Creek Campground,			
SPHINGIDAE			
Manduca quinquemaculatus	Garfield: Grand Staircase-Escalante National Monument	15-May-01	PAO
taken by the BYU team, Calf Creek Campground			
Manduca quinquemaculatus	Kane: Grand Staircase-Escalante National Monument	15-May-12	O/W
House Rock Valley Rd., 5095' elev., 37.0952°N; -111.9833°W			
Sphinx asellus	GARFIELD: Grand Staircase-Escalante National Monument	15-May-01	PAO
taken by the BYU team, Calf Creek Campground			
Sphinx chersis	GARFIELD: Grand Staircase-Escalante National Monument	14-May-12	O/W
Spencer Flat Rd at Corral, at 5950' elev., 37°43.534'N; -111°26.523'W			
Sphinx chersis	Garfield: Grand Staircase-Escalante National Monument	15-May-13	O/W
Burr Trail Road, The Gulch trailhead			
Sphinx chersis	Garfield: Grand Staircase-Escalante National Monument	15-Jul-13	O/B
taken by Lauersdorf, Opler & Buckner-Opler, Pine Creek Road, Pine Creek wier			

Sphinx dollii	Garfield: Grand Staircase-Escalante National Monument	20-Jun-01	PAO
taken by the BYU team, Boulder Airport			
Sphinx dollii	Garfield: Grand Staircase-Escalante National Monument	10-May-02	PAO
taken by the BYU team, Calf Creek Campground			
Sphinx dollii	Kane: Grand Staircase-Escalante National Monument	15-May-12	O/W
House Rock Valley Rd., 5095' elev., 37.0952°N; -111.9833°W			
Sphinx dollii	Kane: Grand Staircase-Escalante National Monument	14-May-13	O/W
Lick Wash trailhead, Skutumpah Road, 6044' elev.,			
Sphinx dollii	Garfield: Grand Staircase-Escalante National Monument	15-May-13	O/W
Burr Trail Road, The Gulch trailhead			
Sphinx dollii	Garfield: Grand Staircase-Escalante National Monument	15-Jul-13	O/B
taken by Lauersdorf, Opler & Buckner-Opler, Pine Creek Road, Pine Creek wier			
Sphinx vashti	Garfield: Grand Staircase-Escalante National Monument	14-May-12	O/W
Spencer Flat Rd at Corral, at 5950' elev., 37°43.534'N; -111°26.523'W			
Sphinx vashti	Kane: Grand Staircase-Escalante National Monument	14-May-13	O/W
Lick Wash trailhead, Skutumpah Road, 6044' elev.,			
Smerinthus cerisyi	Garfield: Grand Staircase-Escalante National Monument	15-May-01	PAO
taken by the BYU team, Calf Creek Campground			
Pachysphinx occidentalis	Garfield: Grand Staircase-Escalante National Monument	16-May-13	O/W
Calf Creek Campground, 5325' elev., 37.7917°N; -111.4150°W			
Pachysphinx occidentalis	Garfield: Grand Staircase-Escalante National Monument	15-Jul-13	O/B
taken by Lauersdorf, Opler & Buckner-Opler, Pine Creek Road, Pine Creek wier			
Hemaris diffinis	KANE: Grand Staircase-Escalante National Monument	04-May-00	PAO
taken by the BYU team, 1 mile N Burnt Ridge			
Hemaris diffinis	Kane: Grand Staircase-Escalante National Monument	30-May-01	PAO
taken by the BYU team, 1.3 mile SSW Cougar Hollow			
Hemaris diffinis	Kane: Grand Staircase-Escalante National Monument	13-May-02	PAO
taken by the BYU team, 1 mile E Georgie Hollow			
Hyles lineata	Garfield: Grand Staircase-Escalante National Monument	15-May-01	PAO
taken by the BYU team, Calf Creek Campground			
Hyles lineata	Garfield: Grand Staircase-Escalante National Monument	06-May-02	PAO
taken by the BYU team, Deer Creek, jct. with Highway 12			
Hyles lineata	Kane: Grand Staircase-Escalante National Monument	15-May-12	O/W
House Rock Valley Rd., 5095' elev., 37.0952°N; -111.9833°W			
Hyles lineata	Garfield: Grand Staircase-Escalante National Monument	15-Jul-13	O/B
taken by Lauersdorf, Opler & Buckner-Opler, Pine Creek Road, Pine Creek wier			

NOTODONTIDAE

Hyperaeschra tortuosa	GARFIELD: Grand Staircase-Escalante National Monument	13-Jun-12	14-Jun-12	O/B
Calf Creek Campground, 5325' elev., 37.7917°N; -111.4150°W				
Gluphisia wrightii	GARFIELD: Grand Staircase-Escalante National Monument	06-May-02	PAO	
taken by the BYU team, Deer Creek, jct. with Highway 12				
Gluphisia wrightii	Garfield: Grand Staircase-Escalante National Monument	13-Jun-12	14-Jun-12	O/B
Calf Creek Campground, 5325' elev., 37.7917°N; -111.4150°W				
Furcula nivea	GARFIELD: Grand Staircase-Escalante National Monument	06-May-02	PAO	
Deer Creek, jct. with Highway 12				
Furcula nivea	Garfield: Grand Staircase-Escalante National Monument	13-Jun-12	14-Jun-12	O/B
Calf Creek Campground, 5325' elev., 37.7917°N; -111.4150°W				
Furcula scolopendrina	GARFIELD: Grand Staircase-Escalante National Monument	15-May-13	O/W	
Calf Creek Campground, 5325' elev., 37.7917°N; -111.4150°W				
Furcula scolopendrina	Garfield: Grand Staircase-Escalante National Monument	15-Jul-13	O/B	
taken by Lauersdorf, Opler & Buckner-Opler, Pine Creek Road, Pine Creek wier				
Heterocampa lunata	Garfield: Grand Staircase-Escalante National Monument	16-Jul-01	PAO	
taken by the BYU team, taken by the BYU team, Calf Creek Campground				
Heterocampa lunata	Garfield: Grand Staircase-Escalante National Monument	15-Jul-13	O/B	
Calf Creek Campground				
Oligocentria alpica	GARFIELD: Grand Staircase-Escalante National Monument	13-Aug-01	PAO	
taken by the BYU team, Wolverine Loop Road at Horse Creek; 37.8497°N; -111.2231°W				
Oligocentria alpica	Garfield: Grand Staircase-Escalante National Monument	16-May-13	O/W	
Wolverine Loop, draw				

EREBIDAE

Cisthene angelus	KANE: Grand Staircase-Escalante National Monument	15-May-12	O/W	
House Rock Valley Rd., 5095' elev., 37.0952°N; -111.9833°W				
Cisthene barnesii	GARFIELD: Grand Staircase-Escalante National Monument	01-Aug-01	PAO	
taken by the BYU team, Boulder Mail Trail, Death Hollow				
Lycomorpha grotei	GARFIELD: Grand Staircase-Escalante National Monument	13-Jun-12	14-Jun-12	O/B
Calf Creek Campground, 5325' elev., 37.7917°N; -111.4150°W				
Lycomorpha splendens	GARFIELD: Grand Staircase-Escalante National Monument	13-Jun-12	14-Jun-12	O/B
Calf Creek Campground, 5325' elev., 37.7917°N; -111.4150°W				

Hypoprepia inculta	GARFIELD: Grand Staircase-Escalante National Monument Calf Creek Campground, 5325' elev., 37.7917°N; -111.4150°W	13-Jun-12	14-Jun-12	O/B
Hypoprepia inculta	SAN JUAN: Moab, 5 mi. S., Hwy. 191, mkr. 118.2 roadside in deep sands w/ Parryella filifolia, Ephedra, Artemisia filifolia, 38.4850°N; -109.4627°W	12-Jul-13		CEH
Bruceia hubbardi	GARFIELD: Grand Staircase-Escalante National Monument Calf Creek Campground, 5325' elev., 37.7917°N; -111.4150°W	13-Jun-12	14-Jun-12	O/B
Crambidia cephalica	BEAVER: Beaver, resting under MV light;	28-Jul-13		VXA
Grammia incorrupta	GARFIELD: Grand Staircase-Escalante National Monument taken by Lauersdorf, Opler & Buckner-Opler, Pine Creek Road, Pine Creek wier	15-Jul-13		O/B
Grammia brillians	GARFIELD: Grand Staircase-Escalante National Monument Mud Spring Road, 0.4 mi. W Mud Spring	15-Jul-13		O/B
Grammia williamsii	GARFIELD: Grand Staircase-Escalante National Monument Mud Spring Road, 0.4 mi. W Mud Spring	15-Jul-13		O/B
Hypercompe permaculata	Garfield: Grand Staircase-Escalante National Monument taken by the BYU team, Calf Creek Campground	23-Jun-00		PAO
Hypercompe permaculata	Garfield: Grand Staircase-Escalante National Monument taken by the BYU team, Deer Creek Campground,	22-Aug-01		PAO
Hypercompe permaculata	Garfield: Grand Staircase-Escalante National Monument taken by Lauersdorf, Opler & Buckner-Opler, Pine Creek Road, Pine Creek wier	15-Jul-13		O/B
Hypercompe permaculata	Sevier: Fish Lake N.F., I 70 rest Area;	10-Aug-13		VXA
Arachnis picta	KANE: Grand Staircase-Escalante National Monument taken by C.R. Nelson, Snake Canyon, off Paria River, 5056' elev., 37.3461°N; -112.0092°W	03-Aug-00	04-Aug-00	PAO
Pygarcia murina	WASHINGTON: Hurricane,	28-Jul-13		VXA
Lophocampa argentata	Garfield: Grand Staircase-Escalante National Monument taken by Lauersdorf, Opler & Buckner-Opler, Pine Creek Road, Pine Creek irrigation wier	15-Jul-13		O/B
Idia occidentalis	SAN JUAN: Moab, 5 mi. S., Hwy. 191, mkr. 118.2 roadside in deep sands w/ Parryella filifolia, Ephedra, Artemisia filifolia, 38.4850°N; -109.4627°W	12-Jul-13		CEH
Scoliopteryx libatrix	GARFIELD: Grand Staircase-Escalante National Monument taken by the BYU team, Deer Creek @ Highway 12	06-May-02		PAO
Melipotis jucunda	San Juan: Moab, 5 mi. S., Hwy. 191, mkr. 118.2 roadside in deep sands w/ Parryella filifolia, Ephedra, Artemisia filifolia, 38.4850°N; -109.4627°W	12-Jul-13		CEH
Bulia deducta	Garfield: Grand Staircase-Escalante National Monument Spencer Flat Rd at Corral, at 5950' elev., 37.7256°N; -111.4421°W	14-May-12		O/W
Drasteria fumosa	GARFIELD: Grand Staircase-Escalante National Monument taken by the BYU team, Deer Creek @ Highway 12	06-May-02		PAO
Drasteria howlandi	Grand: Moab, Red Cliff Lodge,	19-May-13		VXA
Drasteria mirifica	GARFIELD: Grand Staircase-Escalante National Monument Spencer Flat Rd at Corral, at 5950' elev., 37.7256°N; -111.4421°W	14-May-12		O/W
Drasteria pallescens	GARFIELD: Grand Staircase-Escalante National Monument taken by the BYU team, Calf Creek Campground	09-May-02		PAO
Drasteria pallescens	Garfield: Grand Staircase-Escalante National Monument Spencer Flat Rd at Corral, at 5950' elev., 37.7256°N; -111.4421°W	14-May-12		O/W
Drasteria pallescens	KANE: Grand Staircase-Escalante National Monument House Rock Valley Rd., 5095' elev., 37.0952°N; -111.9833°W	15-May-12		O/W
Drasteria pallescens	San Juan: Moab, 5 mi. S., Hwy. 191, mkr. 118.2 roadside in deep sands w/ Parryella filifolia, Ephedra, Artemisia filifolia, 38.4850°N; -109.4627°W	12-Jul-13		CEH
Drasteria perplexa	GARFIELD: Grand Staircase-Escalante National Monument taken by the BYU team, Deer Creek @ Highway 12	06-May-02		PAO
Drasteria perplexa	Garfield: Grand Staircase-Escalante National Monument taken by the BYU team, Calf Creek Campground	09-May-02		PAO
Drasteria perplexa	Garfield: Grand Staircase-Escalante National Monument Spencer Flat Rd at Corral, at 5950' elev., 37.7256°N; -111.4421°W	14-May-12		O/W
Drasteria perplexa	SAN JUAN: Moab, 5 mi. S., Hwy. 191, mkr. 118.2 roadside in deep sands w/ Parryella filifolia, Ephedra, Artemisia filifolia, 38.4850°N; -109.4627°W	12-Jul-13		CEH
Drasteria tejonica	Garfield: Grand Staircase-Escalante National Monument taken by the BYU team, Deer Creek @ Highway 12	06-May-02		PAO
Drasteria tejonica	Garfield: Grand Staircase-Escalante National Monument Spencer Flat Rd at Corral, at 5950' elev., 37.7256°N; -111.4421°W	14-May-12		O/W
Catocala aholibah	GARFIELD: Grand Staircase-Escalante National Monument taken by the BYU team, Calf Creek Campground	23-Aug-00		PAO
Catocala aholibah	Garfield: Grand Staircase-Escalante National Monument taken by the BYU team, Deer Creek Campground,	24-Aug-00		PAO
Catocala delilah desdemona	GARFIELD: Grand Staircase-Escalante National Monument Calf Creek Campground, 5325' elev., 37.7917°N; -111.4150°W	13-Jun-12	14-Jun-12	O/B
Catocala junctura	GARFIELD: Grand Staircase-Escalante National Monument taken by E. M. & Opler, Calf Creek Campground	16-Jul-13		PAO

Catocala verrilliana	GARFIELD: Grand Staircase-Escalante National Monument Calf Creek Campground, 5325' elev., 37.7917°N; -111.4150°W	13-Jun-12	14-Jun-12	O/B
Catocala verrilliana	Garfield: Grand Staircase-Escalante National Monument taken by Lauersdorf, Opler & Buckner-Opler, Pine Creek Road, Pine Creek wier	15-Jul-13		O/B
NOCTUIDAE				
Euchalcia albavitta	GARFIELD: Grand Staircase-Escalante National Monument Wolverine Loop, at corral, 37.83256°N; -111.10971°W	16-May-13		O/W
Megalographa biloba	KANE: Grand Staircase-Escalante National Monument taken by Morrison & Lorimer, Cottonwood Road, Hackberry Canyon, 4814' elev., 37.2567°N; -111.9092°W	22-May-01		PAO
Allerastria albiciliatus	SAN JUAN: Moab, 5 mi. S., Hwy. 191, mkr. 118.2 roadside in deep sands w/ Parryella filifolia, Ephedra, Artemisia filifolia, 38.4850°N; -109.4627°W	12-Jul-13		CEH
Allerastria albiciliatus	GARFIELD: Grand Staircase-Escalante National Monument Calf Creek Campground	16-Jul-13		O/B
Ponometia bicolorata	GARFIELD: Grand Staircase-Escalante National Monument taken by Lauersdorf, Opler & Buckner-Opler, Mud Springs Road, 0.4 mile west of Mud Spring	15-Jul-13		O/B
Ponometia semiflava	SAN JUAN: Moab, 5 mi. S., Hwy. 191, mkr. 118.2 roadside in deep sands w/ Parryella filifolia, Ephedra, Artemisia filifolia, 38.4850°N; -109.4627°W	12-Jul-13		CEH
Ponometia hutsoni	WASHINGTON: Hurricane,	28-Jul-13		VXA
Ponometia elegantula	Washington: Hurricane,	28-Jul-13		VXA
Acontia arida	KANE: Grand Staircase-Escalante National Monument House Rock Valley Rd., 5095' elev., 37.0952°N; -111.9833°W	15-May-12		O/W
Acronicta falcula	GARFIELD: Grand Staircase-Escalante National Monument Spencer Flat Rd at Corral, at 5950' elev., 37.7256°N; -111.4421°W	14-May-12		O/W
Acronicta mansueta	GARFIELD: Grand Staircase-Escalante National Monument taken by the BYU team, Wolverine Loop Road at Horse Creek; 37.8497°N; -111.2231°W	13-Aug-01		PAO
Acronicta mansueta	Garfield: Grand Staircase-Escalante National Monument taken by the BYU team, Calf Creek Campground	09-May-02		PAO
Acronicta mansueta	SAN JUAN: Moab, 5 mi. S., Hwy. 191, mkr. 118.2 roadside in deep sands w/ Parryella filifolia, Ephedra, Artemisia filifolia, 38.4850°N; -109.4627°W	12-Jul-13		CEH
Acronicta strigulata	GARFIELD: Grand Staircase-Escalante National Monument Spencer Flat Rd at Corral, at 5950' elev., 37.7256°N; -111.4421°W	14-May-12		O/W
Cucullia antipoda	Garfield: Grand Staircase-Escalante National Monument Spencer Flat Rd at Corral, at 5950' elev., 37.7256°N; -111.4421°W	14-May-12		O/W
Cucullia astigma	GARFIELD: Grand Staircase-Escalante National Monument Spencer Flat Rd at Corral, at 5950' elev., 37.7256°N; -111.4421°W	14-May-12		O/W
Cucullia laetifica	GARFIELD: Grand Staircase-Escalante National Monument Spencer Flat Rd at Corral, at 5950' elev., 37.7256°N; -111.4421°W	14-May-12		O/W
Sympistis coprocolor	GARFIELD: Grand Staircase-Escalante National Monument Spencer Flat Rd at Corral, at 5950' elev., 37.7256°N; -111.4421°W	14-May-12		O/W
Sympistis intruda	GARFIELD: Grand Staircase-Escalante National Monument Spencer Flat Rd at Corral, at 5950' elev., 37.7256°N; -111.4421°W	14-May-12		O/W
Sympistis intruda	KANE: Grand Staircase-Escalante National Monument House Rock Valley Rd., 5095' elev., 37.0952°N; -111.9833°W	15-May-12		O/W
Sympistis min	SAN JUAN: Moab, 5 mi. S., Hwy. 191, mkr. 118.2 roadside in deep sands w/ Parryella filifolia, Ephedra, Artemisia filifolia, 38.4850°N; -109.4627°W	12-Jul-13		CEH
Sympistis mut	SEVIER: Fish Lake N.F., I 70 Rest Area; resting at day on Rest Area wall, (State and Region 4 Record)	10-Aug-13		VXA
Sympistis nenun	GARFIELD: Grand Staircase-Escalante National Monument Spencer Flat Rd at Corral, at 5950' elev., 37.7256°N; -111.4421°W	14-May-12		O/W
Sympistis nigrocaput	GARFIELD: Grand Staircase-Escalante National Monument Spencer Flat Rd at Corral, at 5950' elev., 37.7256°N; -111.4421°W	14-May-12		O/W
Sympistis tetrops	GARFIELD: Grand Staircase-Escalante National Monument Spencer Flat Rd at Corral, at 5950' elev., 37.7256°N; -111.4421°W	14-May-12		O/W
Neogrotella spaldingi	KANE: Grand Staircase-Escalante National Monument House Rock Valley Rd., 5095' elev., 37.0952°N; -111.9833°W	15-May-12		O/W
Schinia alba fascia	Garfield: Grand Staircase-Escalante National Monument taken by the BYU team, Smoky Mountain Road just south of Oak Springs	07-Aug-01		PAO
Schinia alba fascia	Garfield: Grand Staircase-Escalante National Monument taken by the BYU team, Wolverine Loop Road at Horse Creek; 37.8497°N; -111.2231°W	12-Aug-01		PAO
Schinia biundulata	KANE: Grand Staircase-Escalante National Monument House Rock Valley Rd., 5095' elev., 37.0952°N; -111.9833°W	15-May-12		O/W
Schinia immaculata	GRAND: Moab, Castle Valley,	19-May-13		VXA
Schinia meadi	Garfield: Grand Staircase-Escalante National Monument Spencer Flat Rd at Corral, at 5950' elev., 37.7256°N; -111.4421°W	14-May-12		O/W
Schinia meadi	Kane: Grand Staircase-Escalante National Monument House Rock Valley Rd., 5095' elev., 37.0952°N; -111.9833°W	15-May-12		O/W
Schinia reniformis	GARFIELD: Grand Staircase-Escalante National Monument taken by the BYU team, Wolverine Loop Road at Horse Creek; 37.8497°N; -111.2231°W	12-Aug-01		PAO

<i>Schinia sanrafaeli</i>	KANE: Grand Staircase-Escalante National Monument	16-May-12	O/W
<i>Schinia sanrafaeli</i> Highway 89, Paria Outpost, Long Canyon Road	Kane: Grand Staircase-Escalante National Monument	16-May-12	O/W
<i>Condica discistriga</i>	Garfield: Grand Staircase-Escalante National Monument	14-May-12	O/W
Spencer Flat Rd at Corral, at 5950' elev., 37.7256°N; -111.4421°W			
<i>Protoperigea subterminata</i>	SAN JUAN: 7.1 mi. WSW of Bluff, Comb Ridge, Hwy. 163 at mkr. 37, rabbitbrush along roadside, 4389' elev., at uv/mv lights 37.2782°N; -109.6832°W	08-Oct-12	CEH
<i>Apamea occidens</i>	GARFIELD: Grand Staircase-Escalante National Monument	14-May-12	O/W
Spencer Flat Rd at Corral, at 5950' elev., 37.7256°N; -111.4421°W			
<i>Apamea spaldingi</i>	Garfield: Grand Staircase-Escalante National Monument	14-May-12	O/W
Spencer Flat Rd at Corral, at 5950' elev., 37.7256°N; -111.4421°W			
<i>Andropolia olga</i>	SEVIER: Fish Lake N.F., I 70 Rest Area;	28-Jul-13	VXA
<i>Rhizagrotis albalis</i>	GARFIELD: Grand Staircase-Escalante National Monument	14-May-12	O/W
Spencer Flat Rd at Corral, at 5950' elev., 37.7256°N; -111.4421°W			
<i>Mythimna unipuncta</i>	GARFIELD: Grand Staircase-Escalante National Monument	14-May-12	O/W
Spencer Flat Rd at Corral, at 5950' elev., 37.7256°N; -111.4421°W			
<i>Lacinipolia strigicollis</i>	GARFIELD: Grand Staircase-Escalante National Monument	14-May-12	O/W
Spencer Flat Rd at Corral, at 5950' elev., 37.7256°N; -111.4421°W			
<i>Lacinipolia strigicollis</i>	KANE: Grand Staircase-Escalante National Monument	15-May-12	O/W
House Rock Valley Rd., 5095' elev., 37.0952°N; -111.9833°W			
<i>Ulolonche disticha</i>	GARFIELD: Grand Staircase-Escalante National Monument	14-May-12	O/W
Spencer Flat Rd at Corral, at 5950' elev., 37.7256°N; -111.4421°W			
<i>Ulolonche orbiculata</i>	GARFIELD: Grand Staircase-Escalante National Monument	09-May-02	PAO
taken by the BYU team, Calf Creek Campground			
<i>Ulolonche orbiculata</i>	Garfield: Grand Staircase-Escalante National Monument	14-May-12	O/W
Spencer Flat Rd at Corral, at 5950' elev., 37.7256°N; -111.4421°W			
<i>Trichopolia dentatella</i>	GRAND: Moab, Red Cliff Lodge,	19-May-13	VXA
<i>Peridroma saucia</i>	GARFIELD: Grand Staircase-Escalante National Monument	01-Aug-01	PAO
taken by the BYU team, Boulder Mail Trail, Death Hollow			
<i>Peridroma saucia</i>	Garfield: Grand Staircase-Escalante National Monument	16-Jul-02	PAO
taken by the BYU team, Calf Creek Campground			
<i>Copablepharon grandis</i>	Garfield: Grand Staircase-Escalante National Monument	14-May-12	O/W
Spencer Flat Rd at Corral, at 5950' elev., 37.7256°N; -111.4421°W			
<i>Protogygia enalaga</i>	GARFIELD: Grand Staircase-Escalante National Monument	14-May-12	O/W
Spencer Flat Rd at Corral, at 5950' elev., 37.7256°N; -111.4421°W			
<i>Euxoa auxiliaris</i>	Garfield: Grand Staircase-Escalante National Monument	14-May-12	O/W
Spencer Flat Rd at Corral, at 5950' elev., 37.7256°N; -111.4421°W			
<i>Euxoa comosa</i>	GARFIELD: Grand Staircase-Escalante National Monument	14-May-12	O/W
Spencer Flat Rd at Corral, at 5950' elev., 37.7256°N; -111.4421°W			
<i>Euxoa pallidimacula</i>	GARFIELD: Grand Staircase-Escalante National Monument	14-May-12	O/W
Spencer Flat Rd at Corral, at 5950' elev., 37.7256°N; -111.4421°W			
<i>Agrotis ipsilon</i>	GARFIELD: Grand Staircase-Escalante National Monument	16-Jul-02	PAO
taken by the BYU team, Calf Creek Campground			
<i>Agrotis ipsilon</i>	KANE: Grand Staircase-Escalante National Monument	15-May-12	O/W
House Rock Valley Rd., 5095' elev., 37.0952°N; -111.9833°W			
<i>Noctua pronuba</i>	KANE: Grand Staircase-Escalante National Monument	15-May-12	O/W
House Rock Valley Rd., 5095' elev., 37.0952°N; -111.9833°W			
<i>Tesagrotis pispicellus</i>	GARFIELD: Grand Staircase-Escalante National Monument	14-May-12	O/W
Spencer Flat Rd at Corral, at 5950' elev., 37.7256°N; -111.4421°W			
<i>Tesagrotis pispicellus</i>	KANE: Grand Staircase-Escalante National Monument	15-May-12	O/W
House Rock Valley Rd			
<i>Tesagrotis pispicellus</i>	Garfield: Grand Staircase-Escalante National Monument	24-Jun-12	O/B
Calf Creek Campground			
<i>Abagrotis forbesi</i>	KANE: Grand Staircase-Escalante National Monument	15-May-12	O/W
House Rock Valley Rd., 5095' elev., 37.0952°N; -111.9833°W			
<i>Abagrotis striata</i>	GARFIELD: Grand Staircase-Escalante National Monument	24-Jun-12	O/B
Calf Creek Campground			
<i>Abagrotis variata</i>	GARFIELD: Grand Staircase-Escalante National Monument	15-Jul-13	O/B
Mud Spring Road, 0.4 mi. W Mud Spring			
EUTELIIDAE			
<i>Paectes abrostolella</i>	KANE: Grand Staircase-Escalante National Monument	15-May-12	O/W
House Rock Valley Rd., 5095' elev., 37.0952°N; -111.9833°W			

WYOMING

There were two submissions for butterflies and moths for the 2013 season.

Butterflies

PAPILIONIDAE

Parnassius smintheus Teton: Grand Targhee Resort, Alta WY 20-Jul-13 NS

PIERIDAE

Pontia occidentalis Sublette: Tourist Creek Cyn., 11,300'-11,600' elev., 26-Jul-13 PT1
Pontia occidentalis Fremont: 0.3 mi. NW of Pedestal-Klondike Saddle, 27-Jul-13 PT1
Colias gigantea harroweri Sublette: Green River Lakes, 8000' elev., 22-Jul-13 PT1
Colias meadii Sublette: Green River Lakes, 8000' elev., 22-Jul-13 PT1
Colias meadii Sublette: Tourist Creek Cyn., 11,300' elev., 25-Jul-13 PT1
Colias pelidne skinneri Sublette: Beaver Park, 8100' elev., 24-Jul-13 PT1
Colias pelidne skinneri Sublette: Tourist Creek Cyn., 11,200'-11,890' elev., 25-Jul-13 PT1

LYCAENIDAE

Lycaena cupreus Teton: Jenny Lake Loop Trail, Grand Teton NP 22-Jul-13 NS
Lycaena mariposa Teton: Jenny Lake Loop Trail, Grand Teton NP 22-Jul-13 NS

NYMPHALIDAE

Cercyonis oetus Teton: Jenny Lake Loop Trail, Grand Teton NP 22-Jul-13 NS
Erebia callias Sublette: Beaver Park, 8100' elev., 24-Jul-13 PT1
Erebia callias Sublette: Tourist Creek Cyn., 11,200'-11,890' elev., 25-Jul-13 PT1
Erebia callias Sublette: Osborne Mtn., 11,600'-11,900' elev., 29-Jul-13 PT1
Erebia magdalena Sublette: Pedestal Peak north ridge, 12,850' elev., 26-Jul-13 PT1
Erebia magdalena Sublette: Osborne Mtn., 11,040' elev., 29-Jul-13 PT1
Erebia pawlowskii ethela Sublette: Green River Lakes, 8000' elev., 22-Jul-13 PT1
Erebia pawlowskii ethela Sublette: Crescent Lake, 10,740'-10,800' elev., 29-Jul-13 PT1
Oeneis melissa lucilla Fremont: Pedestal Peak summit, 13,340' elev., 26-Jul-13 PT1
Oeneis melissa lucilla Sublette: 0.3 mi. NW of Pedestal-Klondike Saddle, 27-Jul-13 PT1
Oeneis polixenes brucei Sublette: 0.55 mi. ENE of Klondike Peak, 12,590' elev., 27-Jul-13 PT1
Oeneis polixenes brucei Fremont: 1.5 mi. NNE of Yukon Peak, 12,900' elev., 28-Jul-13 PT1
Oeneis polixenes brucei Sublette: Osborne Mtn., 11,800'-11,900' elev., 29-Jul-13 PT1
Speyeria zerene Teton: Jenny Lake Loop Trail, Grand Teton NP 22-Jul-13 NS
photo documentation, 43° 46.698' N; -110° 47.724' W, elevation 6781'
Boloria chariclea ingens Sublette: Beaver Park, 8100' elev., 24-Jul-13 PT1
Boloria chariclea ingens Sublette: Tourist Creek Cyn., 10,200'-11,890' elev., 25-Jul-13 PT1
Limenitis weidemeyerii Teton: Grand Targhee Resort, Alta WY 20-Jul-13 NS
Aglais milberti Sublette: Tourist Creek Cyn., 11,300'-11,600' elev., 26-Jul-13 PT1
Euphydryas anicia windi Sublette: Osborne Mtn., 11,200'-11,900' elev., 29-Jul-13 PT1

Zone 5 Great Plains

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

Coordinator: Ronald Alan Royer

Contributors Cited:

JKA : James K. Adams

JWA : Jim W. Arterburn

NED : Neil E. Dankert

CAE : Charles A. Ely

ACG : Amy C. Goodwin

KEJ : Kyle E. Johnson

GM : Gerald M. McWilliams

GLP : George L. Pierson

KFS : Kent F. Schaefer

VDB : Cynthia & Matthew Van Den Broeke

RW2 : Richard Wasburn

GGA : Gary G. Anweiler

A&W : J.W. Arterburn & K.C. Williams

USD : US Dept of Agriculture

F-N : John Fisher & John Nelson

CEH : Charles E. Harp

KLS : Kansas Lepidoptera Survey

JMN : John M. Nelson

JP2 : Jay A. Pruett

SKS : Sandra K. Schwin

JV : James Vargo

WDA : W. David Arbour

CAA : Chris Aubushon

MJD : Mark J. Dreiling

JFF : John F. Fisher

CAI : Cliff A. Ivy

CSL : Charles Schurch Lewallen

LBP : Loren & Babs Padelford

BER : Bryan E. Reynolds

EAS : Emelia A. Seubert

SV1 : Shelly Ventsch

General Comments:

MANITOBA

Kyle Johnson made an expedition to northern Manitoba in late June, focusing on subarctic peatland habitats around Sundance. Other locations were briefly investigated en route. Conditions were unusually warm and dry and quite advanced compared to areas much farther south such as western Ontario and adjacent Minnesota. Diurnal species were in good abundance with excellent overall diversity; many species were documented beyond the reported list. Nights were very cold, so nocturnal activity was rather limited. Sesiid pheromone traps were also used in the Sundance area; many species were documented but identifications are still pending.

Butterflies

HESPERIIDAE

Thorybes pylades	Northern: Thompson	26-Jun-13		KEJ
Pyrgus centaureae several found in acid peatland habitats	Northern: Hudson Bay Lowlands: Sundance	27-Jun-13	30-Jun-13	KEJ
Carterocephalus palaemon	Northern: Thompson	26-Jun-13		KEJ

PAPILIONIDAE

Papilio machaon	Northern: Thompson	26-Jun-13		KEJ
Papilio machaon	Northern: Grand Rapids	01-Jul-13		KEJ

PIERIDAE

Euchloe ausonides	Northern: Nelson River: NE of Sundance	28-Jun-13		KEJ
Colias gigantea	Northern: Thompson	26-Jun-13		KEJ
Colias gigantea	Northern: Hudson Bay Lowlands: Sundance	27-Jun-13	30-Jun-13	KEJ
Colias palaeno	Northern: Thompson	26-Jun-13		KEJ
Colias palaeno	Northern: Sundance & Nelson River	27-Jun-13	30-Jun-13	KEJ
Colias philodice	Northern: Nelson River: NE of Sundance	28-Jun-13		KEJ

LYCAENIDAE

Cupido amyntula	Northern: Nelson River: NE of Sundance	28-Jun-13		KEJ
Plebejus idas	Northern: Grand Rapids	01-Jul-13		KEJ
Plebejus optilete	Northern: Sundance & Gillam	29-Jun-13	30-Jun-13	KEJ
Plebejus optilete rather southerly record; in peatland with abundant Empetrum	Northern: Grand Rapids	01-Jul-13		KEJ

NYMPHALIDAE

Erebia mancinus	Northern: Thompson	26-Jun-13		KEJ
Erebia mancinus late in flight period	Northern: Sundance and Nelson River	27-Jun-13	28-Jun-13	KEJ
Erebia mancinus 2 observed; 1 male disperser on hilltop in dry conifer open woodland	Northern: Grand Rapids	01-Jul-13		KEJ
Oeneis jutta no Erebia mancinus found	Eastman: East Braintree	25-Jun-13		KEJ
Oeneis jutta	Northern: Thompson	26-Jun-13		KEJ
Oeneis jutta one male tipping by ice shelves along gravelly banks of Nelson River	Northern: Sundance, Gillam, and Nelson River	27-Jun-13	30-Jun-13	KEJ
Oeneis jutta	Northern: Grand Rapids	01-Jul-13		KEJ
Oeneis macounii	Interlake: St. Martin Junction	01-Jul-13		KEJ
Oeneis macounii	Northern: Grand Rapids	01-Jul-13		KEJ
Boloria selene	Northern: Hudson Bay Lowlands: Sundance	27-Jun-13	30-Jun-13	KEJ
Boloria bellona	Northern: Hudson Bay Lowlands: Sundance	27-Jun-13	30-Jun-13	KEJ
Boloria eunomia	Eastman: Falcon Lake area	25-Jun-13		KEJ
Boloria eunomia	Northern: Thompson	26-Jun-13		KEJ
Boloria eunomia	Northern: Sundance, Gillam, and Nelson River	27-Jun-13	30-Jun-13	KEJ
Boloria eunomia locally common in peatland	Northern: Grand Rapids	01-Jul-13		KEJ
Boloria freija	Northern: Nelson River: NE of Sundance	28-Jun-13		KEJ
Boloria frigga	Northern: Hudson Bay Lowlands: Sundance	27-Jun-13	30-Jun-13	KEJ
Boloria frigga new oviposition & larval food plant association record, plant ID pending	Northern: Nelson River: NE of Sundance	28-Jun-13		KEJ
Nymphalis antiopa	Northern: Nelson River: NE of Sundance	28-Jun-13		KEJ
Phyciodes batesii locally common in dry conifer woodland clearing	Northern: Hudson Bay Lowlands: Sundance	29-Jun-13		KEJ
Phyciodes cocyta	Northern: Hudson Bay Lowlands: Sundance	27-Jun-13		KEJ

Moths

CRAMBIDAE

Anania funebris	Northern: Hudson Bay Lowlands: Sundance	27-Jun-13		KEJ
Crambus alienellus	Eastman: Falcon Lake area	25-Jun-13		KEJ

Crambus alienellus	Northern: Sundance & Gillam	27-Jun-13	30-Jun-13	KEJ
Crambus girardellus	Northern: Hudson Bay Lowlands: Sundance	30-Jun-13		KEJ
Pediasia truncatella	Northern: Gillam	30-Jun-13		KEJ
SESIIDAE				
Albuna pyramidalis	Northern: Hudson Bay Lowlands: Sundance	29-Jun-13		KEJ
not attracted to pheromone lures used; male/female courting pair found along stream course				
GEOMETRIDAE				
Digrammia rippertaria	Northern: Odei River & Sundance	26-Jun-13		KEJ
Aspitates orciferaria	Northern: Nelson River: NE of Sundance	28-Jun-13		KEJ
flying during day				
DREPANIDAE				
Drepana arcuata	Northern: Nelson River: NE of Sundance	28-Jun-13		KEJ
flying during day				
EREBIDAE				
Parasemia plantaginis	Northern: Thompson	26-Jun-13		KEJ
Platarctia parthenos	Eastman: Marvin Lake Peatland	18-Jun-13		KEJ
Platarctia parthenos	Northern: Hudson Bay Lowlands: Sundance	26-Jun-13		KEJ
Drasteria hudsonica	Northern: Hudson Bay Lowlands: Sundance	27-Jun-13	29-Jun-13	KEJ
NOCTUIDAE				
Syngrapha ignea	Northern: Hudson Bay Lowlands: Sundance	27-Jun-13		KEJ
flying during day; fairly common on peat plateaus				
Syngrapha montana	Northern: Hudson Bay Lowlands: Sundance	27-Jun-13		KEJ
Alypia langtoni	Eastman: Falcon Lake area	25-Jun-13		KEJ
Polia propodea	Northern: Hudson Bay Lowlands: Sundance	27-Jun-13	29-Jun-13	KEJ
UV trap; common				
Lasionycta secedens	Northern: Hudson Bay Lowlands: Sundance	26-Jun-13	29-Jun-13	KEJ
UV trap/sheet; common				
Lasionycta subdita	Northern: Hudson Bay Lowlands: Sundance	29-Jun-13		KEJ
single male				
Xestia fabulosa	Northern: Hudson Bay Lowlands: Sundance	27-Jun-13		KEJ
UV trap; common				

SASKATCHEWAN

Gary Anweiler submitted the following record via Chuck Harp.

Moths

NOCTUIDAE				
Schinia unimacula	Northern: St. Victor	12-Aug-13		GGA
PROVINCIAL, NORTH; leg. Dan Glaeske at MV light in rabbitbrush habitat; 49.44, -105.87				

KANSAS

Chuck Ely filed the following report.

Butterflies

PIERIDAE				
Eurema mexicana	SEDGWICK: Wichita, Oak Park	17-Oct-13		JKA
leg Rosa McHenry, photo conf. James K. Adams				
NYMPHALIDAE				
Dryas iulia	SEDGWICK: Wichita, Oak Park	26-Jun-13		CAE
photo Paul Griffin. Id conf. Charles A. Ely, 3rd for state				
Moths				
TINEIDAE				
Tinea apicimaculella	CRAWFORD: Frontenac, 4 E	08-Jun-12		KLS
leg Glenn A. Salisbury; id Richard L. Brown				
GELECHIIDAE				
Strobisia iridipennella	BOURBON: Elm Creek Lake	15-Jun-12		KLS
leg Glenn A. Salisbury; id Richard L. Brown				
MOMPHIDAE				
Mompha eloisella	BOURBON: Elm Creek Lake	15-Jun-12		KLS
leg Glenn A, Salisbury; id Richard L. Brown				
COSMOPTERIGIDAE				
Stagmatophora sexnotella	BOURBON: Elm Creek Lake	15-Jun-12		KLS
leg Glenn A. Salisbury; id Richard L. Brown				

GLYPHIPTERIGIDAE

Diploschizia impigritella BOURBON: Elm Creek Lake 05-May-13 KLS
leg Glenn A. Salsbury; id Richard L. Brown

CRAMBIDAE

Chrysendeton imitabilis CRAWFORD: Frontenac, 4 E 17-Jun-11 KLS
leg Glenn A. Salsbury; id Richard L. Brown; STATE
Parapoynx allionealis CRAWFORD: Frontenac, 4 E 30-Jul-11 KLS
leg Glenn A. Salsbury; id Richard L. Brown
Parapoynx badiusalis OSAGE: Lyndon, 2.5 E, 0.5 N 31-Jul-09 KLS
leg James E. Mason; id Richard L. Brown
Parapoynx obscuralis COWLEY: Dexter, 4.5 S, 4.5 W (state lake) 18-Jun-94 KLS
leg Patsy D. Foster; id Richard L. Brown; STATE
Parapoynx obscuralis CRAWFORD: Frontenac, 4 E 08-Jun-12 KLS
leg Glenn A. Salsbury; id Richard L. Brown

TORTRICIDAE

Endothenia nubilana BOURBON: Elm Creek Lake 05-Jun-12 KLS
leg Glenn A. Salsbury; id Richard L. Brown
Olethreutes fasciatana CRAWFORD: Pittsburg, 2 W 14-May-12 KLS
leg Glenn A. Salsbury; id Richard I. Brown
Phaneta raracana CRAWFORD: Frontenac, 4 E 02-Aug-12 KLS
leg Glenn A. Salsbury; id Richard L. Brown; STATE
Epiblema abruptana BOURBON: Elm Creek Lake 05-Jun-12 KLS
leg Glenn A. Salsbury, id Richard L. Brown; STATE
Sonia constrictana CRAWFORD: Frontenac, 4 E 15-Jun-12 KLS
leg Glenn A. Salsbury; id Richard L. Brown ; STATE
Proteoteras crescentana COWLEY: Arkansas City 09-Sep-89 KLS
leg Eugene A. Young; id Richard L. Brown; STATE
Hystriophora taleana BOURBON: Elm Creek Lake 15-May-13 KLS
leg Glenn A. Salsbury; id Richard L. Brown; STATE
Choristoneura parallela CRAWFORD: Frontenac, 4 E 03-Jun-12 KLS
leg Glenn A. Salsbury; id Richard L. Brown; STATE

SPHINGIDAE

Deidamia inscriptum BARBER: Medicina Lodge, 4 W 11-May-13 JKA
6, u-v traps, leg & id James K. Adams

NOTODONTIDAE

Hyparpax aurostriata RILEY: Konza Prairie Biol. Sta. 26-Jun-11 KLS
leg & id Jan Metlevski; STATE

EREBIDAE

Virbia laeta CRAWFORD: Frontenac, 4 E 14-Jun-13 KLS
leg Glenn A. Salsbury; id Charles A. Ely
Ommatochila mundula CHEROKEE: Galena, 2 S (Schermerhorn Pk) 12-Sep-11 KLS
leg Linda L. Phipps; in Jan Metlevski; STATE
Anomis editrix ATCHISON: Potter, 8 E, 0.5 N (Bollin farm, gate) 24-Oct-11 KLS
leg John J Bolin III; leg Jan Metlevski; STATE
Phoberia ingenua CRAWFORD: Frontenac, 4 E 16-Mar-13 KLS
leg Glenn A. Salsbury; id Charles A. Ely; confirmed Jan Metlevski; STATE
Melipotis cellaris MEADE: Meade 01-Jun-12 KLS
leg Thomas L. Flowers; id Charles A Ely; 2nd record, same site;
Melipotis perpendicularis CHEROKEE: Columbus 15-Aug-11 KLS
leg Mike E. Bollin; id Jan Metlevski; STATE

NOCTUIDAE

Lithacodia musta CRAWFORD: Frontenac, 4 E 08-Jul-11 KLS
leg Glenn A. Salsbury; id Jan Metlevski
Maliattha concinnimacula CHASE: Cottonwood Falls, Cottonwood River 05-May-09 KLS
"parvimacula"; leg Charles A. Ely; id Jan Metlevski
Maliattha concinnimacula PRATT: Pratt, 1 N, 3 E 09-May-11 KLS
"parvimacula"; leg Charles A. Ely; id Jan Metlevski
Metaponpneumata rogenhoferi MEADE: Meade 26-Jun-11 KLS
ed Thomas L. Flowers; id Jan Metlevski STATE
Ponometia binocula MONTGOMERY: Elk City Park 13-Jun-07 KLS
leg Patsy Foster; id Jan Metlevski
Ponometia binocula WASHINGTON: Haddam 18-Aug-08 KLS
leg Vernon L. Wranosky; id Jan Metlevski
Ponometia binocula ANDERSON: Garnett, SE Edge (hgw K59X139) 07-May-12 KLS
leg Charles A. Ely; id confirmed Jan Metlevski
Ponometia libedis BARBER: Medicine Lodge 17-Jun-09 KLS
leg David R.. Angle; id Jan Metlevski

<i>Ponometia libedis</i> leg Glenn A. Salsbury; id Jan Metlevski	BOURBON: Elm Creek Lake	11-Jun-11	KLS
<i>Ponometia libedis</i> Leg Thomas L. Flowers; id Jan Metlevski	MEADE: Meade	26-Jun-11	KLS
<i>Ponometia libedis</i> leg Glenn A. Salsbury; id Jan Metlevski	CLARK: Clark State Lake	20-Jun-13	KLS
<i>Ponometia nannodes</i> leg Thomas L. Flowers; id Jan Metlevski	MEADE: Meade	26-Jun-11	KLS
<i>Ponometia phecolisca</i> leg John M. Schukman; id Jan Metlevski	WYANDOTTE: Wolcott, 3 W 1 S	31-Aug-08	KLS
<i>Ponometia phecolisca</i> leg Ed K. Miller; id Jan Metlevski	CHAUTAUQUA: Sedan, 3 S, 2 W	05-Sep-08	KLS
<i>Ponometia phecolisca</i> leg Glenn A. Salsbury; id Jan Metlevski	BOURBON: Fort Scott, 10 SW (Hollister Wildlife Area)	21-Aug-09	KLS
<i>Ponometia phecolisca</i> leg Thomas L. Flowers; id Jan Metlevski	MEADE: Meade. 7 S, 5 W (State Lake)	22-Aug-09	KLS
<i>Ponometia virginalis</i> leg Charles A. Ely; id Jan Metlevski	MORTON: Elkhart	21-Jul-89	KLS
<i>Ponometia virginalis</i> leg Thomas L. Flowers; id Jan Metlevski	MEADE: Meade	27-May-07	KLS
<i>Ponometia virginalis</i> leg David R. Angle; id Jan Metlevski	BARBER: Medicine Lodge	17-Jun-09	KLS
<i>Ponometia virginalis</i> leg Vernon L. Wranosky; id Jan Metlevski	THOMAS: Colby	08-Jul-09	KLS
<i>Ponometia virginalis</i> leg June R. Kliesen; id Jan Metlevski	COMANCHE: Wilmore, 12.5 SE	16-Sep-09	KLS
<i>Ponometia virginalis</i> leg Kenneth L. Brunson; id Jan Metlevski	PRATT: Pratt, 1 N, 3 E	07-Jun-10	KLS
<i>Ponometia virginalis</i> leg Glenn A. Salsbury; id Jan Metlevski	KIOWA: Mullinville, 7 NW	05-Sep-13	KLS
<i>Ponometia sutrix</i> leg John J. Bollin III; id Jan Metlevski	MORTON: Elkhart, 7.5 N, 4.5 E (CNG)	07-May-11	KLS
<i>Sympistis augustus</i> leg Thomas L. Flowers; id Jan Meylevski	MEADE: Meade	22-Oct-11	KLS
<i>Psaphida electilis</i> leg John J. Bollin III; id by Charles A. Ely	LEAVENWORTH: Leavenworth	07-Mar-12	KLS
<i>Homophoberia cristata</i> leg Glenn A. Salsbury; id Richard L. Brown; STATE	CRAWFORD: Frontenac, 4 E	08-Jun-12	KLS
<i>Homophoberia cristata</i> leg Charles A. Ely; id conformed Jan Metlevski	Crawford: Frontenac, 4 E	06-Jul-13	KLS
<i>Protoperigea posticata</i> leg June R. Kliesen; id Jan Metlevski	COMANCHE: Wilmore, 12.1 SE	03-Oct-08	KLS
<i>Oligia chlorostigma</i> leg Glenn A. Salsbury; id Jan Metlevski; 2nd for state?	CRAWFORD: Pittsburg, 2 W	18-Jun-13	KLS
<i>Amphipoea erepta</i> leg Mike E. Bollin; id Jan Metlevski	CHEROKEE: Columbus	25-May-12	KLS
<i>Amphipoea erepta</i> leg Glenn A. Salsbury; id Charles A. Ely	CRAWFORD: Frontenac	28-Jun-13	KLS
<i>Polia detracta</i> leg Charles A. Ely; id Jan Metlevski	ANDERSON: Garnett, SE edge (hgw K 59/139)	07-May-12	KLS
<i>Polia detracta</i> leg John J. Bollin III; id Jan Metlevski	ATCHISON: Potter, 8 E, O.5 N (Grape Farm)	10-Jul-12	KLS
<i>Polia detracta</i> leg Glenn A. Salsbury; id Jan Metlevski	CRAWFORD: Frontenac, 4 E	06-Jun-13	KLS
<i>Leucania stolata</i> leg John J. Bollin III; id Jan Metlevski; STATE	MORTON: Elkhart, 7.5 N, 4.5 E (CNG)	07-May-11	KLS
<i>Protorthodes orobia</i> leg Glenn A. Salsbury; id Jan Metlevski; STATE	CLARK: Clark State Lake	06-Jun-13	KLS
<i>Ulolonche orbiculata</i> leg & id James K. Adams	BARBER: Medicine Lodge, 15 W	11-May-13	JKA
<i>Orthodes cynica</i> leg Glenn A. Salsbury; id James K. Adams	CRAWFORD: Frontenac	19-Jun-09	KLS
<i>Anicla simplicius</i> leg Glenn A. Salsbury; id Jan Metlevski	BOURBON: Elm Creek Lake	27-Jun-11	KLS
<i>Copablepharon grandis</i> leg & id James K. Adams	MORTON: Elkhart, Cimarron Nat'l Grasslands	12-May-13	JKA
<i>Euxoa niveilinea</i> leg Thomas A. Flowers; id Charles A. Ely	MEADE: Meade	28-Sep-08	KLS

<i>Euxoa niveilinea</i> leg June R. Kliesen; id Jan Metlevski	COMANCHE: Wilmore, 12.1 SE	03-Oct-08	KLS
<i>Feltia austrina</i> leg Kenneth E. Brunson; id Jan Metlevski	PRATT: Pratt, 1 N 1 E	25-Sep-10	KLS
<i>Agrotis daedalus</i> leg & id James K. Adams	MORTON: Elkhart, Cimarron Nat'l Grasslands	12-May-13	JKA
EUTELIIDAE			
<i>Marathyssa basalis</i> leg & id James K. Adams	BARBER: Medicine Lodge, 15 W	11-May-13	JKA

NEBRASKA

Neil Dankert reported a "very down year" following last year's drought.

Butterflies

PIERIDAE			
<i>Phoebis sennae</i>	CUSTER: Middle Loup River at Gates Road	01-Sep-13	NED
LYCAENIDAE			
<i>Celastrina neglecta</i>	FRANKLIN: 3.5 mi W, 3 mi N Campbell	20-Jun-13	NED
NYMPHALIDAE			
<i>Chlosyne lacinia</i>	HALL: 1.5 mi S, 1 mi E I-80 Exit 300	13-Jul-13	CAA
Moths			
GELECHIIDAE			
<i>Aristotelia roseosuffusella</i> one photographed; id Charles Eiseman	SARPY: Fontanelle Forest	17-Aug-12	LBP
CRAMBIDAE			
<i>Pediasia trisecta</i> one photographed; id Maury Heiman	SARPY: Fontanelle Forest	22-Aug-13	LBP
<i>Urola nivalis</i> one photographed; id Stephen Kloiber	SARPY: Fontanelle Forest	02-Sep-13	LBP
PYRALIDAE			
<i>Aglossa cuprina</i> one photographed; id Maury Heiman	SARPY: Fontanelle Forest	22-Aug-13	LBP
COSSIDAE			
<i>Prionoxystus robiniae</i>	DOUGLAS: Neale Woods	07-Jul-13	LBP
TORTRICIDAE			
<i>Eucosma giganteana</i>	SARPY: Fontanelle Forest	07-Jul-13	LBP
GEOMETRIDAE			
<i>Narraga fimetaria</i> one photographed; id Maury Heiman	DOUGLAS: Neale Woods	07-Jul-13	LBP
<i>Disclisioprocta stellata</i> one photographed; id Robert Zimlich	SARPY: Fontanelle Forest	08-Oct-13	LBP
EREBIDAE			
<i>Caenurgina crassiuscula</i> one photographed; id Maury Heiman	DOUGLAS: Neale Woods	07-Jul-13	LBP
<i>Panopoda rufimargo</i> one photographed; id Maury Heiman	DOUGLAS: Neale Woods	07-Jul-13	LBP
<i>Spiloloma lunilinea</i> one photographed; id Maury Heiman	SARPY: Fontanelle Forest	22-Aug-13	LBP
<i>Catocala whitneyi</i> one photographed; id Maury Heiman	DOUGLAS: Neale Woods	07-Jul-13	LBP
NOCTUIDAE			
<i>Autographa precationis</i> one photographed; id Paul Dennehy	SARPY: Fontanelle Forest	22-Aug-13	LBP

NORTH DAKOTA

Ron Royer reported just two new county records for 2013, but Gerald McWilliams recorded encounters with several important species for the state, including *Herperopsis libya* in Slope County, *Euphyes dion* in Ransom County, and *Hesperia ottoe* in Slope County, the last of which he found in significant numbers for the first time in many years.

Butterflies

HESPERIIDAE			
<i>Pholisora catullus</i> photograph; id Ron Royer	MOUNTRAIL: 5.5 mi S New Town (NE 17-151-92)	15-Aug-13	SV1
<i>Hesperopsis libya</i> 13 collected; coordinates: 46.41351, -103.97898	Slope: 8 mi. N Marmarth	12-Jul-13	GM

Hesperia ottoe	Slope: Indian Hill Trails Road, 10.9 mi. N Marmarth	13-Jul-13		GM
nine collected; coordinates: 46.40539, -103.88061				
Poanes massasoit	Ransom: Jct. 149 Ave SE & 61 St SE	17-Jul-13		GM
13 collected; coordinates: 46.52507, -97.30146				
Euphyes dion	Ransom: Jct. 149 Ave SE & 61 St SE	17-Jul-13		GM
one collected; coordinates: 46.52507, -97.30146				
Megathymus streckeri	Billings: 1.0 mi N Jct East River Road and Third Creek Road	01-Jul-13		GM
observed at coordinates 46.65214, -103.45028				
Megathymus streckeri	Slope: Indian Hill Trails Road, 10.9 mi. N Marmarth	01-Jul-13		GM
13 collected; coordinates 46.41627, -103.89402				
NYMPHALIDAE				
Speyeria idalia	Slope: Indian Hill Trails Road, 10.9 mi. N Marmarth	02-Jul-13	13-Jul-13	GM
10 collected; coordinates: 46.40490, -103.88256				
Limenitis arthemis	MOUNTRAIL: 5 mi S New Town	04-Jul-13		SV1
photograph, perched on blue spruce; id Ron Royer				

OKLAHOMA

John Fisher offered the following report.

Butterflies

HESPERIIDAE

Staphylus hayhurstii	ADAIR: Cookson WMA	12-May-13		JWA
Staphylus hayhurstii	MCCLAIN: Kessler A&E Field Station	18-May-13		BER
Erynnis funeralis	PUSHMATAHA: Pushmataha WMA	26-Jun-13		A&W
Erynnis funeralis	KAY: Kay	15-Jul-13		EAS
Erynnis icelus	LEFLORE: Ouachita NF, Beech Creek Trl	06-May-13		BER
Erynnis icelus	ADAIR: Cookson WMA	12-May-13		JWA
Erynnis zarucco	JOHNSTON: TNC Oka' Yanahli Preserve	05-Jul-13		BER
photo, fide N Grishin				
Amblyscirtes belli	JOHNSTON: TNC Oka' Yanahli Preserve	24-Aug-13		BER
photo, leg. JFF				
Amblyscirtes linda	LEFLORE: Ouachita NF, Beech Creek Trl	06-May-13		BER
Lerodea eufala	LEFLORE: Lynn Mountain	27-Jun-13		A&W
Lerema accius	KAY: Blackwell	27-Oct-13		EAS
Hesperia attalus	CLEVELAND: Lexington WMA	02-Jun-13		BER
Hesperia metea	MAYES: Pryor, w of town	28-Apr-13		RW2
Hesperia viridis	CLEVELAND: Lexington WMA	02-Jun-13		BER
Wallengrenia otho	GARFIELD: Enid, Govt Springs Park	04-Sep-13		A&W
Problema byssus	LEFLORE: Lynn Mountain	27-Jun-13		A&W
Poanes hobomok	LEFLORE: Ouachita NF, Beech Creek Trl	11-May-13		SKS
Poanes yehl	JOHNSTON: TNC Oka' Yanahli Preserve	13-Sep-13		BER
Euphyes vestris	KINGFISHER: Hennessey, Bull Foot Park	04-Sep-13		A&W
Atrytonopsis hianna	SEQUOYAH: Nicut, Little Lee Creek	21-Apr-13		CAI

PIERIDAE

Zerene cesonia	MAYES: Pryor	25-Apr-13		RW2
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LYCAENIDAE

Satyrrium edwardsii	LEFLORE: Lynn Mountain	27-Jun-13		A&W
Satyrrium favonius	SEMINOLE: Seminole	27-May-13		ACG
Celastrina neglecta	TEXAS: Texhoma	04-Aug-13		KFS
Plebejus lupini	TEXAS: Texoma	27-Oct-13		KFS

NYMPHALIDAE

Asterocampa celtis	TEXAS: Texhoma	09-Aug-13		KFS
photo, 77th county in state				
Chlosyne gorgone	JOHNSTON: TNC Oka' Yanahli Preserve	06-Jul-13		BER
photo, leg. JFF				
Chlosyne nycteis	MCCLAIN: Kessler A & E Field Sta	18-May-13		BER
Chlosyne nycteis	GRADY: nr Hwy 37 & county line	25-Jul-13		JFF
photo by J Hopkins				

Moths

NEPTICULIDAE

Ectoedemia similella	WASHINGTON: Bartlesville	16-Aug-09		MJD
at BL, DNA BoL, STATE				

OPOSTEGIDAE				
Pseudopostega albogaleriella photo, STATE	MAYES: Pryor		26-May-13	RW2
PRODOXIDAE				
Prodoxus decipiens	MAYES: Pryor		03-Jun-13	RW2
ACROLOPHIDAE				
Acrolophus arcanela at BL, DNA by BoL	WASHINGTON: Bartlesville		11-Jun-09	MJD
Acrolophus bicornutus at BL, DNA by BoL, STATE	WASHINGTON: Bartlesville		28-Jun-10	MJD
Acrolophus cressoni	MAYES: Pryor		12-Jul-13	RW2
Acrolophus mortipennella at BL, DNA by BoL	WASHINGTON: Bartlesville		10-Jun-09	MJD
Acrolophus plumifrontella at BL, 2	JOHNSTON: TNC Oka' Yanahli Preserve		07-Jun-13	JFF
Acrolophus propinquus at BL, DNA by BoL, STATE	WASHINGTON: Bartlesville		13-Jun-09	MJD
TINEIDAE				
Hybroma servulella	MAYES: Pryor		05-Jun-13	RW2
Kearfottia albifasciella	MAYES: Pryor		14-Jul-13	RW2
Phaeoses sabinella at BL, DNA BoL, STATE	WASHINGTON: Bartlesville		06-May-12	MJD
GRACILLARIIDAE				
Caloptilia triadicae	WASHINGTON: Bartlesville		27-Aug-12	MJD
Cameraria macrocarpae at BL, DNA by BoL	WASHINGTON: Bartlesville		02-May-10	MJD
Cameraria quercivorella at BL, DNA BoL, STATE	WASHINGTON: Bartlesville		16-Apr-10	MJD
Cameraria quercivorella	MAYES: Pryor		12-Jul-12	RW2
Cameraria ulmella at BL, DNA BoL, STATE	WASHINGTON: Bartlesville		28-Apr-10	MJD
OECOPHORIDAE				
Antaeotricha humilis at BL, DNA BoL, STATE	WASHINGTON: Bartlesville		27-Apr-12	MJD
Antaeotricha leucillana at BL	JOHNSTON: TNC Oka' Yanahli Preserve		05-Jul-13	JFF
Gonioterma mistrella	MAYES: Pryor		10-Aug-13	RW2
GELECHIIDAE				
Isophrictis similiella	MAYES: Pryor		26-Sep-13	RW2
Aristotelia elegantella	MAYES: Pryor		29-Apr-13	RW2
Rifseria fuscotaeniaella	MAYES: Pryor		09-Apr-13	RW2
Tildenia glochinella at BL, DNA BoL, STATE	WASHINGTON: Bartlesville		29-May-12	MJD
Tildenia inconspicuella at BL, DNA BoL, STATE	WASHINGTON: Bartlesville		25-Aug-12	MJD
Chionodes discoocellella	MAYES: Pryor		09-Jul-13	RW2
Filatima biminimaculella	SEMINOLE: Seminole		25-Jul-13	ACG
Stegasta bosqueella	MAYES: Pryor		22-Sep-12	RW2
Anacamptis levipedella photo, STATE	OKMULGEE: Henryetta		15-Jun-05	CSL
Brachmia melanocarpa	MAYES: Pryor		07-May-13	RW2
Dichomeris setosella	MAYES: Pryor		11-Jun-13	RW2
BLASTOBASIDAE				
Gerdana caritella	MAYES: Pryor		11-Aug-13	RW2
Blastobasis floridella at BL, DNA BoL, STATE	WASHINGTON: Bartlesville		14-Jun-12	MJD
Bastobasis taurusella at BL, DNA BoL, STATE	WASHINGTON: Bartlesville		29-Apr-10	MJD
Calosima dianella at BL, DNA BoL, STATE	WASHINGTON: Bartlesville		11-Sep-08	MJD
MOMPHIDAE				
Mompha murtfeldtella at light, photo	MAYES: Pryor		16-Jul-13	RW2

COSMOPTERIGIDAE

<i>Euclementia bassettella</i>	MAYES: Pryor	11-Jul-13	RW2
<i>Triclonella determinatella</i>	MAYES: Pryor	05-Sep-12	RW2

SCYTHRIDIDAE

<i>Scythris fuscicomella</i> photo, STATE	MAYES: Pryor	08-May-12	RW2
<i>Scythris fuscicomella</i> photo, in copula	MCCURTAIN: Red Slough WMA	09-May-13	WDA
<i>Scythris trivinctella</i>	TEXAS: Texhoma	23-Aug-11	KFS

GLYPHIPTERIGIDAE

<i>Diploschizia impigritella</i>	SEMINOLE: Seminole	31-May-13	ACG
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PLUTELLIDAE

<i>Plutella xylostella</i>	MAYES: Pryor	13-Apr-13	RW2
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YPONOMEUTIDAE

<i>Atteva aurea</i>	SEMINOLE: Seminole	25-Jul-13	ACG
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HELIODINIDAE

<i>Heliodines cliffordi</i> photo, STATE	MAYES: Pryor	15-May-12	RW2
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THYRIDIDAE

<i>Thyris sepulchralis</i> photo, via BugGuide	MARSHALL: nr Lake Texoma SP	21-Mar-13	JFF
<i>Thyris sepulchralis</i>	TULSA: Tulsa, Oxley Nature Center	15-Apr-13	GLP

CRAMBIDAE

<i>Condylorrhiza vestigialis</i>	KAY: Blackwell	24-Sep-13	EAS
<i>Crambus laqueatellus</i> at BL, 2	OSAGE: TNC Tallgrass Prairie Preserve, Foreman's Hse	17-May-13	JFF
<i>Diastictis ventralis</i> photo by S Scott via BugGuide	OKLAHOMA: Harrah	07-Sep-10	JFF
<i>Epipagis huronialis</i>	SEQUOYAH: Nicut, Little Lee Creek	28-Jul-13	CAI
<i>Euchromius ocellus</i> photo by S Scott via BugGuide	OKLAHOMA: Harrah	06-Sep-10	JFF
<i>Eustixia pupula</i> at BL	JOHNSTON: TNC Oka' Yanahli Preserve	26-Apr-13	F-N
<i>Eustixia pupula</i> at BL, photo	SEMINOLE: Seminole	13-Jun-13	ACG
<i>Fissicrambus mutabilis</i>	MAYES: Pryor	09-Jun-13	RW2
<i>Herpetogramma bipunctalis</i>	TEXAS: Texhoma	09-Oct-07	KFS
<i>Hymenia perspectalis</i>	KAY: Blackwell	23-Sep-13	EAS
<i>Leptosteges parthenialis</i> photo by S Houston	SEMINOLE: Konowa	24-May-09	JFF
<i>Lineodes integra</i>	KAY: Blackwell	29-Oct-13	EAS
<i>Lineodes interrupta</i>	MAYES: Pryor	31-Mar-13	RW2
<i>Loxostege cerealis</i>	KAY: Blackwell	31-Mar-13	EAS
<i>Microtheoris vibicalis</i>	SEMINOLE: Seminole	24-Jul-13	ACG
<i>Mimoschinia rufofascialis</i>	TEXAS: Texhoma	13-Jun-11	KFS
<i>Nomophila nearctica</i>	KAY: Blackwell	31-Mar-13	EAS
<i>Ostrinia nubilalis</i> at BL, 3	JOHNSTON: TNC Oka' Yanahli Preserve	05-Jul-13	JFF
<i>Palpita quadristigmalis</i> at BL, 2	JOHNSTON: TNC Oka' Yanahli Preserve	05-Jul-13	JFF
<i>Parapediasia decorella</i>	MAYES: Pryor	10-Jul-12	RW2
<i>Perispasta caeculalis</i> 2, at BL	JOHNSTON: TNC Oka' Yanahli Preserve	05-Jul-13	JFF
<i>Petrophila fulcalis</i>	ADAIR: Stiwell, Caney Creek	25-Aug-13	CAI
<i>Pilocrocis ramentalis</i>	MAYES: Pryor	29-Aug-12	RW2
<i>Pyrausta acronialis</i>	MAYES: Pryor	09-Jun-13	RW2
<i>Samea ecclesialis</i>	ADAIR: Stiwell, Caney Creek	10-Nov-12	CAI
<i>Sericoplaga externalis</i>	MAYES: Pryor	12-Jul-12	RW2
<i>Spoladea recurvalis</i>	TEXAS: Texhoma	19-Oct-10	KFS
<i>Synclita obliteralis</i>	MAYES: Pryor	04-Jun-13	RW2
<i>Udea rubigalis</i> photo, STATE	TEXAS: Texhoma, 6 mi N	14-Aug-11	KFS

<i>Uresiphita reversalis</i> at BL	JOHNSTON: TNC Oka' Yanahli Preserve	26-Apr-13	F-N
<i>Uresiphita reversalis</i>	TEXAS: Texoma	22-Oct-13	KFS
PYRALIDAE			
<i>Pyralis farinalis</i>	CLEVELAND: Lexington WMA, 1 mi S	13-May-13	BER
<i>Aglossa cuprina</i>	MAYES: Pryor	05-Jun-13	RW2
<i>Galasa nigrinodis</i>	SEMINOLE: Seminole	09-Jun-13	ACG
<i>Clydonopteron sacculana</i>	MAYES: Pryor	29-Apr-13	RW2
<i>Pococera militella</i>	MAYES: Pryor	05-Jul-13	RW2
<i>Acrobasis demotella</i>	MAYES: Pryor	18-May-13	RW2
<i>Tiascala reductella</i>	MAYES: Pryor	05-Jul-13	RW2
<i>Elasmopalpus lignosellus</i>	TEXAS: Texhoma	24-Oct-11	KFS
<i>Heterographis morrisonella</i> at BL, photo	WASHINGTON: Bartlesville	08-Sep-12	MJD
PTEROPHORIDAE			
<i>Oidaematophorus paleaceus</i> at BL, DNA BoL	WASHINGTON: Bartlesville	01-May-12	MJD
<i>Oidaematophorus paleaceus</i>	KAY: Blackwell	31-Mar-13	EAS
<i>Pselnophorus belfragei</i>	MAYES: Pryor	19-May-13	RW2
<i>Adaina ambrosiae</i> at BL	JOHNSTON: TNC Oka' Yanahli Preserve	07-Jun-13	JFF
SESIIDAE			
<i>Calasesia coccinea</i> photo, STATE	TEXAS: Texhoma, 9 mi N	30-May-13	KFS
<i>Carmenta pyralidiformis</i>	MCCURTAIN: Red Slough WMA	15-Sep-13	WDA
CHOREUTIDAE			
<i>Tebenna gnaphaliella</i> at BL, DNA BoL, STATE	WASHINGTON: Bartlesville	22-Apr-08	MJD
<i>Tebenna gnaphaliella</i>	SEMINOLE: Seminole	24-Jun-13	ACG
ZYGAENIDAE			
<i>Harrisina americana</i>	OKMULGEE: Henryetta	05-Jul-10	CSL
COSSIDAE			
<i>Prionoxystus robiniae</i> at BL, photo	SEMINOLE: Seminole	11-Jun-13	ACG
LIMACODIDAE			
<i>Apoda y-inversum</i> at BL, photo	SEMINOLE: Seminole	11-Jun-13	ACG
<i>Apoda y-inversum</i> at light, photo	MAYES: Pryor	09-Aug-13	RW2
<i>Adoneta spinuloides</i> photo, on gas pump	SEMINOLE: Little	11-Aug-13	ACG
<i>Euclea incisa</i> at BL	JOHNSTON: TNC Oka' Yanahli Preserve	07-Jun-13	JFF
TORTRICIDAE			
<i>Endothenia hebesana</i>	MAYES: Pryor	09-Aug-13	RW2
<i>Olethreutes astrologana</i>	MAYES: Pryor	05-Jun-13	RW2
<i>Eucosma agassizii</i> taken with David Bettman, top of pass, 4469' elev., 36.9036°N; -102.9837°W	Cimarron: 2mi E of Kenton off Rd 325 Easter Pageant turnoff	04-Jun-13	06-Jun-13 CEH
<i>Eucosma comatulana</i> photo by S Scott via BugGuide	OKLAHOMA: Harrah	06-Sep-10	JFF
<i>Suleima helianthana</i> at BL, DNA BoL, STATE	WASHINGTON: Bartlesville	01-May-13	MJD
<i>Suleima helianthana</i>	MAYES: Pryor	10-Jun-13	RW2
<i>Gypsonoma substitutionis</i> photo by S Scott via BugGuide, STATE	OKLAHOMA: Harrah	06-Sep-10	JFF
<i>Pseudexentera kalmiana</i> at BL, DNA BoL, STATE	WASHINGTON: Bartlesville	29-Apr-12	MJD
<i>Chimoptesis pennsylvaniana</i> photo, bt S Houston via BugGuide	OSAGE: Sand Springs	28-Mar-13	JFF
<i>Ancylis platanana</i>	SEQUOYAH: Nicut, Little Lee Creek	20-Apr-13	CAI
<i>Larisa subsolana</i>	MAYES: Pryor	26-May-13	RW2
<i>Phtheochroa birdana</i> at BL, DNA by BoL, STATE	WASHINGTON: Bartlesville	08-Sep-12	MJD
<i>Phtheochroa leguminana</i>	WASHINGTON: Pryor	25-May-13	RW2

<i>Cydia caryana</i>	MAYES: Pryor	19-May-13		RW2
<i>Cydia pomonella</i>	TEXAS: Texhoma	12-Apr-11		KFS
<i>Archips rileyana</i>	MAYES: Pryor	09-Jun-13		RW2
<i>Ptycholoma peritana</i>	MAYES: Pryor	17-May-13		RW2
<i>Sparganothis pulcherrimana</i>	MAYES: Pryor	02-Jun-13		RW2
<i>Sparganothis sulfureana</i> at BL	JOHNSTON: TNC Oka' Yanahli Preserve	26-Apr-13		F-N
<i>Platynota flavedana</i>	KAY: Blackwell	22-Sep-13		EAS
GEOMETRIDAE				
<i>Macaria aemulataria</i>	ADAIR: Stiwell, Caney Creek	08-Sep-13		CAI
<i>Macaria marmorata</i> at BL, DNA by BoL	WASHINGTON: Bartlesville	23-Apr-12		MJD
<i>Macaria ribearia</i>	MAYES: Pryor	03-Jun-13		RW2
<i>Narraga fimetaria</i>	MAYES: Pryor	29-Jun-13		RW2
<i>Tornos scolopacinaris</i> 2, at BL	JOHNSTON: TNC Oka' Yanahli Preserve	05-Jul-13		JFF
<i>Anavitrinella pampinaria</i>	TEXAS: Texhoma	19-Sep-11		KFS
<i>Lycia ypsilon</i> photo, larva	OKMULGEE: Deep Fork NWR	19-May-13		CSL
<i>Cabera quadrifasciaria</i> at BL, DNA BoL	WASHINGTON: Bartlesville	06-May-12		MJD
<i>Cabera quadrifasciaria</i> at BL	OSAGE: TNC Tallgrass Prairie Preserve, Foreman's Hse	17-May-13		JFF
<i>Episemasia cervinaria</i>	TULSA: Tulsa	08-May-13		ACG
<i>Lytrosis unitaria</i> photo by D Wilcoxon	MCCLAIN: Blanchard	24-May-05		JFF
<i>Lytrosis unitaria</i> photo by T Mitchell	TULSA: Tulsa, Oxley Nature Center	01-Jun-13		JFF
<i>Euchlaena marginaria</i> at BL, DNA BoL	WASHINGTON: Bartlesville	07-Sep-12		MJD
<i>Euchlaena marginaria</i>	ATOKA: McGee Creek WMA	06-Apr-13		BER
<i>Euchlaena obtusaria</i>	MAYES: Pryor	11-Aug-13		RW2
<i>Nacophora quernaria</i> Photo, by S Houston via Bugguide	OSAGE: Sand Springs	30-Mar-13		JFF
<i>Euaspilates spinataria</i> taken with David Bettman, top of pass, 4469' elev., 36.9036°N; -102.9837°W	Cimarron: 2mi E of Kenton off Rd 325 Easter Pageant turnoff	04-Jun-13	06-Jun-13	CEH
<i>Eusarca packardaria</i>	MAYES: Pryor	13-Jul-12		RW2
<i>Synchlora aerata</i>	KAY: Blackwell	05-Jul-13	05-Jul-13	EAS
<i>Chlorochlamys chloroleucaria</i> at BL	JOHNSTON: TNC Oka' Yanahli Preserve	26-Apr-13		F-N
<i>Chlorochlamys phyllinaria</i>	MAYES: Pryor	11-Jul-13		RW2
<i>Idaea minuta</i> DNA BoL	WASHINGTON: Bartlesville	26-Aug-09		MJD
<i>Pleuroprucha insulsaria</i>	MAYES: Pryor	18-May-13		RW2
<i>Orthonama centrostrigaria</i> at BL	JOHNSTON: TNC Oka' Yanahli Preserve	26-Apr-13		F-N
<i>Eupithecia miserulata</i>	KAY: Blackwell	09-Apr-13		EAS
LASIOCAMPIDAE				
<i>Tolype vellea</i> leg. T. DuBois, at BioBlitz	JOHNSTON: BSA Camp Simpson	11-Oct-13		JFF
<i>Malacosoma americanum</i> Larva in tent on <i>Prunus angustifolia</i>	JOHNSTON: TNC Oka' Yanahli Preserve	27-Apr-13		JFF
SATURNIIDAE				
<i>Automeris io</i> larva, photo by J Self via BugGuide	PUSHMATAHA: Cloudy	21-Nov-09		JFF
<i>Automeris io</i> photo, female	PONTOTOC: TNC Pontotoc Ridge Preserve	11-May-13		BER
<i>Hyalophora cecropia</i>	WAGONER: Broken Arrow	07-Jun-13		JMN
SPHINGIDAE				
<i>Agrius cingulata</i>	KAY: Blackwell	08-Sep-13		EAS
<i>Manduca quinquemaculatus</i>	KAY: Blackwell	08-Sep-13		EAS
<i>Manduca sexta</i> larva, photo, via BugGuide	WAGONER: Fort Gibson Lake, Taylor Ferry North RA	24-Jul-12		JFF

<i>Ceratomia catalpae</i> 2, at BL	JOHNSTON: TNC Oka' Yanahli Preserve	26-Apr-13		F-N
<i>Ceratomia hageni</i> photo, dead on shop floor	POTTOWATOMIE: Shawnee	06-Jun-13		ACG
<i>Sphinx vashti</i> at BL	OSAGE: TNC Tallgrass Prairie Preserve, Foreman's Hse	17-May-13		JFF
<i>Sphinx vashti</i> photo, being predated by <i>Calosoma scrutator</i>	MCCLAIN: OU Kessler A&E Field Station	18-May-13		BER
<i>Paonias myops</i>	SEQUOYAH: Nicut	20-Jun-13		CAI
<i>Aellopos titan</i> photo by A Goodwin	TULSA: Tulsa, Mohawk Park Zoo	28-Oct-13		JFF
<i>Hemaris thysbe</i>	ADAIR: Stilwell, Caney Creek	17-Aug-13		CAI
<i>Hemaris thysbe</i>	JOHNSTON: TNC Pontotoc Ridge Preserve, s of CR1730	25-Aug-13		BER
<i>Eumorpha achemon</i> larva, photo	TEXAS: Texoma	10-Sep-13		KFS
<i>Deidamia inscriptum</i>	CLEVELAND: Lexington WMA, 1 mi S	31-Mar-13		BER
<i>Deidamia inscriptum</i>	MURRAY: Chickasaw NRA	05-May-13		ACG
<i>Proserpinus juanita</i> Photo by V Fazio	COMANCHE: Ft. Sill, Thompson Hill	15-Jun-10		JFF
<i>Darapsa choerilus</i> at BL	JOHNSTON: TNC Oka' Yanahli Preserve	10-May-13		JFF
<i>Darapsa myron</i> at BL	JOHNSTON: TNC Oka' Yanahli Preserve	05-Jul-13		JFF
<i>Hyles lineata</i>	SEMINOLE: Seminole	27-May-13		ACG
<i>Hyles lineata</i> photo by R Bondeson	OKLAHOMA: Oklahoma City	10-Jun-13		JMN
NOTODONTIDAE				
<i>Nadata gibbosa</i>	MUSCOGEE: Weber Falls	25-Aug-13		CAI
<i>Misogada unicolor</i> at BL	JOHNSTON: TNC Oka' Yanahli Preserve	10-May-13		JFF
<i>Heterocampa guttivitta</i> at BL	OSAGE: TNC Tallgrass Prairie Preserve, Foreman's Hse	17-May-13		JFF
<i>Schizura unicornis</i>	MAYES: Pryor	18-May-13		RW2
<i>Hyparpax aurostriata</i> STATE; taken with David Bettman, top of pass, 4469' elev., 36.9036°N; -102.9837°W	CIMARRON: 2mi E of Kenton off Rd 325 Easter Pageant turnoff	04-Jun-13	06-Jun-13	CEH
<i>Hyparpax venus</i> taken with David Bettman, top of pass, 4469' elev., 36.9036°N; -102.9837°W	Cimarron: 2mi E of Kenton off Rd 325 Easter Pageant turnoff	04-Jun-13	06-Jun-13	CEH
EREBIDAE				
<i>Cisthene plumbea</i>	MAYES: Pryor	22-Sep-12		RW2
<i>Lycomorpha pholus</i>	KAY: Blackwell	13-Sep-13		EAS
<i>Hypoprepia miniata</i> photo by B Carrell	NOBLE: I-35, Billings/Marland exit at truckstop lights	01-Sep-13		JFF
<i>Grammia anna</i>	LEFLORE: Big Cedar, Round Mtn.	15-May-03		CSL
<i>Grammia phyllira</i> at BL	OSAGE: TNC Tallgrass Prairie Preserve, Foreman's Hse	17-May-13		JFF
<i>Apantesis carlotta</i>	SEMINOLE: Seminole	29-Jun-13		ACG
<i>Estigmene acrea</i> at BL	JOHNSTON: TNC Oka' Yanahli Preserve	26-Apr-13		F-N
<i>Spilosoma virginica</i>	MAYES: Pryor	24-May-13		RW2
<i>Euerythra phasma</i> at BL	JOHNSTON: TNC Oka' Yanahli Preserve	05-Jul-13		JFF
<i>Cycnia inopinatus</i> larva, photo S Michael via BugGuide	PAYNE: Stillwater	05-Sep-13		JFF
<i>Cycnia inopinatus</i> larva on <i>Asclepias viridis</i> , photo by K Hovey via BugGuide	OKLAHOMA: Oklahoma City, Will Rogers Intn'l Airport	05-Sep-13		JFF
<i>Cycnia tenera</i> at BL	JOHNSTON: TNC Oka' Yanahli Preserve	10-May-13		JFF
<i>Euchaetes egle</i> at BL	JOHNSTON: TNC Oka' Yanahli Preserve	10-May-13		JFF
<i>Euchaetes zella</i> taken with David Bettman, top of pass, 4469' elev., 36.9036°N; -102.9837°W	CIMARRON: 2mi E of Kenton off Rd 325 Easter Pageant turnoff	04-Jun-13	06-Jun-13	CEH
<i>Pygarcia spraguei</i> taken with David Bettman, top of pass, 4469' elev., 36.9036°N; -102.9837°W	CIMARRON: 2mi E of Kenton off Rd 325 Easter Pageant turnoff	04-Jun-13	06-Jun-13	CEH
<i>Lymantria dispar</i> pheromone trap	CLEVELAND: Norman	28-Aug-13		USD

Lymantria dispar pheromone trap	PITTSBURG: McAlester	08-Sep-13	USD
Metalectra diabolica at light, photo	MAYES: Pryor	10-Aug-13	RW2
Idia scobialis in trash can	TULSA: Tulsa	27-May-13	JMN
Zanclognatha jacchusalis	MAYES: Pryor	12-Jun-13	RW2
Renia flavipunctalis	MAYES: Pryor	04-Jul-13	RW2
Hypena baltimoralis	MAYES: Pryor	08-Aug-13	RW2
Hypena madefactalis at BL	JOHNSTON: TNC Oka' Yanahli Preserve	10-May-13	JFF
Hypena minualis	MAYES: Pryor	08-Aug-12	RW2
Hypena scabra	TEXAS: Texoma	01-Oct-13	KFS
Phoberia atomaris	ADAIR: Stiwell, Caney Creek	06-Apr-13	CAI
Bulia deducta	TEXAS: Texhoma	13-Jun-11	KFS
Caenurgina crassiuscula 2, in old field	JOHNSTON: TNC Oka' Yanahli Preserve	26-Apr-13	F-N
Lesmone detrahens at BL	JOHNSTON: TNC Oka' Yanahli Preserve	10-May-13	JFF
Heteranassa mima STATE; taken with David Bettman,	CIMARRON: 2mi E of Kenton off Rd 325 Easter Pageant turnoff top of pass, 4469' elev., 36.9036°N; -102.9837°W	04-Jun-13	06-Jun-13 CEH
Matigramma pulverilinea	MAYES: Pryor	12-Jul-13	RW2
Zale galbanata at BL	JOHNSTON: TNC Oka' Yanahli Preserve	10-May-13	JFF
Zale lunata	MAYES: Pryor	08-Jul-13	RW2
Zale termina at bait	CIMARRON: Black Mesa SP	30-Sep-13	JV
Catocala amica at BL, 4	JOHNSTON: TNC Oka' Yanahli Preserve	05-Jul-13	JFF
Catocala connubialis	MAYES: Pryor	11-Jun-13	RW2
Catocala connubialis	PONTOTOC: TNC Pontotoc Ridge Preserve	28-Jul-13	BER
Catocala dejecta	JOHNSTON: TNC Oka' Yanahli Preserve	23-Jul-13	BER
Catocala gryneus	MAYES: Pryor	27-Jun-13	RW2
Catocala illecta at BL	JOHNSTON: TNC Oka' Yanahli Preserve	05-Jul-13	JFF
Catocala lacrymosa	KAY: Blackwell	08-Jul-13	EAS
Catocala minuta at BL, DNA BoL, STATE	WASHINGTON: Bartlesville	05-May-12	MJD
Catocala piatrix at BL	JOHNSTON: TNC Oka Yanahli Preserve	05-Jul-13	JFF
Catocala ultronina at BL	JOHNSTON: TNC Oka' Yanahli Preserve	05-Jul-13	JFF
Catocala umbrosa photo, STATE	WASHINGTON: Bartlesville	20-Jun-11	MJD
Catocala umbrosa	TULSA: Tulsa	01-Oct-13	GLP

NOCTUIDAE

Anagrapha falcifera	JOHNSTON: TNC Oka' Yanahli Preserve	30-Mar-12	JP2
Tripudia balteata	MAYES: Pryor	28-Aug-12	RW2
Ozarba aerea at light, photo	MAYES: Pryor	11-Aug-13	RW2
Ponometia binocula	KAY: Blackwell	14-Jul-13	EAS
Ponometia candefacta at BL, photo	SEMINOLE: Seminole	16-Jun-13	ACG
Acontia areli STATE; taken with David Bettman,	Cimarron: 2mi E of Kenton off Rd 325 Easter Pageant turnoff top of pass, 4469' elev., 36.9036°N; -102.9837°W	04-Jun-13	06-Jun-13 CEH
Acronicta americana larva, photo by H Hallum via BugGuide	WAGONER: Coweta	23-Oct-13	JFF
Acronicta brumosa at BL, 4	OSAGE: TNC Tallgrass Prairie Preserve, Foreman's Hse	17-May-13	JFF
Acronicta grisea at BL	JOHNSTON: TNC Oka' Yanahli Preserve	05-Jul-13	JFF
Acronicta impleta at BL, 2	JOHNSTON: TNC Oka' Yanahli Preserve	10-May-13	JFF
Acronicta obliterata photo, larva on salix sp.	ADAIR: Stiwell, Caney Creek	15-Sep-13	CAI

<i>Simyra insularis</i> larva on cattail, photo	MCCURTAIN: Red Slough WMA	21-Oct-13		WDA
<i>Psychomorpha epimenis</i>	SEMINOLE: Seminole	19-Mar-13		ACG
<i>Cucullia dorsalis</i> STATE; taken with David Bettman,	Cimarron: 2mi E of Kenton off Rd 325 Easter Pageant turnoff top of pass, 4469' elev., 36.9036°N; -102.9837°W	04-Jun-13	06-Jun-13	CEH
<i>Cucullia eurekae</i> STATE; taken with David Bettman,	Cimarron: 2mi E of Kenton off Rd 325 Easter Pageant turnoff top of pass, 4469' elev., 36.9036°N; -102.9837°W	04-Jun-13	06-Jun-13	CEH
<i>Pseudacontia crustaria</i> taken with David Bettman,	Cimarron: 2mi E of Kenton off Rd 325 Easter Pageant turnoff top of pass, 4469' elev., 36.9036°N; -102.9837°W	04-Jun-13	06-Jun-13	CEH
<i>Phosphila miselioides</i> at BL	JOHNSTON: TNC Oka' Yanahli Preserve	26-Apr-13		F-N
<i>Basilodes chrysopsis</i> larva, on crownbeard, photo via BugGuide	CLEVELAND: Lexington	19-Oct-13		JFF
<i>Stiria rugifrons</i> photo by B Carrell	NOBLE: I-35, Billings/Marland exit at truckstop lights	01-Sep-13		JFF
<i>Azenia implora</i> STATE; taken with David Bettman,	CIMARRON: 2mi E of Kenton off Rd 325 Easter Pageant turnoff top of pass, 4469' elev., 36.9036°N; -102.9837°W	04-Jun-13	06-Jun-13	CEH
<i>Heliothis phloxiphagus</i>	TEXAS: Texhoma	17-Sep-07		KFS
<i>Heliothis phloxiphagus</i> taken with David Bettman,	Cimarron: 2mi E of Kenton off Rd 325 Easter Pageant turnoff top of pass, 4469' elev., 36.9036°N; -102.9837°W	04-Jun-13	06-Jun-13	CEH
<i>Schinia arcigera</i>	KAY: Blackwell	14-Sep-13		EAS
<i>Schinia chrysellae</i>	KAY: Blackwell	13-Aug-13		EAS
<i>Schinia errans</i>	TEXAS: Texhoma	30-Aug-08		KFS
<i>Schinia jaguarina</i> taken with David Bettman,	Cimarron: 2mi E of Kenton off Rd 325 Easter Pageant turnoff top of pass, 4469' elev., 36.9036°N; -102.9837°W	04-Jun-13	06-Jun-13	CEH
<i>Schinia luxa</i> photo, STATE	TEXAS: Texhoma	13-Jul-08		KFS
<i>Schinia meadi</i> taken with David Bettman,	Cimarron: 2mi E of Kenton off Rd 325 Easter Pageant turnoff top of pass, 4469' elev., 36.9036°N; -102.9837°W	04-Jun-13	06-Jun-13	CEH
<i>Schinia rivulosa</i> photo, caught by crab spider	CLEVELAND: Lexington WMA	03-Sep-13		BER
<i>Schinia roseitincta</i> taken with David Bettman,	Cimarron: 2mi E of Kenton off Rd 325 Easter Pageant turnoff top of pass, 4469' elev., 36.9036°N; -102.9837°W	04-Jun-13	06-Jun-13	CEH
<i>Schinia sanguinea</i> photo by S Scott via BugGuide	OKLAHOMA: Harrah	07-Sep-10		JFF
<i>Schinia simplex</i> taken with David Bettman,	Cimarron: 2mi E of Kenton off Rd 325 Easter Pageant turnoff top of pass, 4469' elev., 36.9036°N; -102.9837°W	04-Jun-13	06-Jun-13	CEH
<i>Schinia varix</i>	MCCURTAIN: Red Slough WMA	19-Sep-13		WDA
<i>Schinia volupia</i>	TEXAS: Texhoma	19-Jul-08		KFS
<i>Schinia volupia</i> taken with David Bettman,	Cimarron: 2mi E of Kenton off Rd 325 Easter Pageant turnoff top of pass, 4469' elev., 36.9036°N; -102.9837°W	04-Jun-13	06-Jun-13	CEH
<i>Condica videns</i> at BL	JOHNSTON: TNC Oka' Yanahli Preserve	05-Jul-13		JFF
<i>Ogdoconta cinereola</i> at BL	JOHNSTON: TNC Oka' Yanahli Preserve	05-Jul-13		JFF
<i>Callopietria floridensis</i>	TULSA: Bixby	21-Aug-13		JMN
<i>Elaphria chalcedonia</i>	MAYES: Pryor	12-Jul-12		RW2
<i>Elaphria cornutus</i> at BL, DNA BoL, STATE	WASHINGTON: Bartlesville	26-Mar-12		MJD
<i>Dypterygia rozmani</i>	MAYES: Pryor	12-Jul-13		RW2
<i>Nedra ramosula</i> 2, at BL	JOHNSTON: TNC Oka' Yanahli Preserve	26-Apr-13		F-N
<i>Properigea costa</i> taken with David Bettman,	Cimarron: Black Mesa State Park, basalt rimmed ravine 36.8525°N; -102.8853°W (second record in county)	04-Jun-13	06-Jun-13	CEH
<i>Hemibryomima chryselectra</i> taken with David Bettman,	Cimarron: Black Mesa State Park, basalt rimmed ravine 36.8525°N; -102.8853°W (second record in county)	04-Jun-13	06-Jun-13	CEH
<i>Pseudanarta actura</i> photo, STATE	TEXAS: Texhoma	20-Sep-13		KFS
<i>Xystopeplus rufago</i> photo by E Johnson via bugGuide	LATIMER: Robber's Cave SP, Cave Trail at hill top	16-Mar-13		JFF
<i>Ufeus satyricus</i> photo, STATE	CLEVELAND: Norman	18-Nov-13		VDB
<i>Trichordestra legitima</i>	KAY: Blackwell	06-Sep-13		EAS
<i>Trichordestra legitima</i> larva, on BL sheet	PONTOTOC: TNC Pontotoc Ridge Preserve	25-Oct-13		JFF
<i>Trichordestra legitima</i> larva, on goldenrod	JOHNSTON: TNC Pontotoc Ridge Preserve	25-Oct-13		JFF

Faronta diffusa photo by B Carrell	NOBLE: I-35, Billings/Marland exit at truckstop lights	01-Sep-13	JFF
Mythimna unipuncta	TEXAS: Texhoma	03-Nov-11	KFS
Lacinipolia explicata	MAYES: Pryor	14-May-13	RW2
Tricholita notata	CLEVELAND: Lexington WMA	13-Oct-11	BER
Tricholita notata at BL, DNA BoL	WASHINGTON: Bartlesville	10-Sep-12	MJD
Feltia subterranea	MAYES: Pryor	19-May-13	RW2
Agrotis venerabilis	TEXAS: Texoma	21-Oct-13	KFS
Xestia dolosa	MAYES: Pryor	23-Sep-13	RW2
EUTELIIDAE			
Marathyssa inficita minus	CIMARRON: 2mi E of Kenton off Rd 325 Easter Pageant turnoff	04-Jun-13	06-Jun-13 CEH
STATE; taken with David Bettman, top of pass, 4469' elev., 36.9036°N; -102.9837°W			

Zone 6 Texas

Texas

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 ZK : Zoo Keys

General Comments:

Texas experienced a chilly and windy spring, and little was reported until May. It was a mediocre year for most of the state. Even south Texas didn't turn up too much, except for a flurry of Marpesia, Eunica, and Hamadryas species during the summer. The most astonishing find in the state was a breeding population of Polygonia haroldii on Mt. Livermore in the Davis Mountains Preserve (TNC). The slow season allowed us to add many species to the database that have never been reported in the SS (usually because they are so common and well-known), and will reflect many data points for the LepSoc database, as well as that of MPG, which lacks "dots" for some 2300+ species in the state! This should help "knock a dent in it." Of the 2522 entries, 1284 (about 50%) were new County Records. 7 US Records contributed to a total of 37 State Records. About 98% of those not listed as new county records were new for the database, but not in our records. We have a long way to go before the database is "respectable." The author is grateful to the TLS staff for their assistance in the editing process, especially Ed Knudson and James McDermott for sharp eyes, and a number of "amateurs and hobbyists" for taking charge of their respective counties in order to better represent the databases.

TEXAS

Butterflies

HESPERIIDAE

Epargyreus clarus	GREGG: Longview	23-Jul-72	CWB
Epargyreus clarus	RUSK: 1 mi. S of Kilgore	01-Apr-77	CWB
Epargyreus clarus	Newton: US 87 X CR 2107	17-Mar-13	CWB
Epargyreus clarus	Anderson: Palestine	13-Apr-13	B/K
Epargyreus exadeus cruza (a brief sighting in Nov 2012 in Relampago was not reported for lack of specimen/photo by CWB).	Hidalgo: Mission	06-Aug-13	07-Aug-13 MR2
Polygonus leo arizonensis	MIDLAND: Midland	30-Jul-13	TBL
Chioides albofasciatus	Starr: Falcon Heights	09-Nov-09	BN1
Chioides albofasciatus	Hidalgo: Alamo	23-Oct-13	02-Dec-13 B/K
Chioides albofasciatus	Cameron: Brownsville	01-Nov-13	RWB
Chioides zilpa	Hidalgo: Alamo	31-Oct-13	CWB
Chioides zilpa	Cameron: Brownsville	03-Nov-13	RWB
Chioides zilpa	Hidalgo: Mission	04-Dec-13	RWB
Aguna asander	Starr: Falcon Heights	19-Aug-13	BN1
Aguna asander	Hidalgo: Alamo	28-Oct-13	CWB
Aguna claxon 1st US RECORD (technically); male specimen was coll. & released- not previously reported.	CAMERON: Brownsville	01-Nov-96	RWB
Aguna metophis	Hidalgo: Mission	11-Sep-13	MR2

Urbanus dorantes	BRAZOS: College Station	09-Dec-12		TBL
Shirley Wilkerson pix.				
Urbanus procne	Starr: Falcon Heights	02-Nov-08	01-Nov-13	BN1
Urbanus procne	HARRIS: Spring Valley	27-Jan-13		CWB
Urbanus procne	Hidalgo: Alamo	22-Oct-13	05-Dec-13	B/K
Urbanus procne	Cameron: Brownsville	11-Nov-13		RWB
Urbanus proteus	Hidalgo: Alamo	23-Oct-13	04-Dec-13	B/K
Urbanus proteus	Starr: Falcon Heights	08-Nov-13		BN1
Urbanus proteus	Cameron: Brownsville	11-Nov-13		RWB
Urbanus teleus	Hidalgo: Alamo	03-Nov-13	09-Nov-13	B/K
Astraptus alardus latia	STARR: Roma	30-Oct-13		BN1
Astraptus fulgurator azul	CALHOUN: Port O'Connor	02-Apr-13		TBL
Astraptus fulgurator azul	Starr: Falcon Heights	16-Nov-13		BN1
Achalarus lyciades	GREGG: Longview	01-Jul-73		CWB
Achalarus lyciades	RUSK: 1 mi. S of Kilgore	01-Apr-77		CWB
Thorybes bathyllus	GREGG: Longview	09-Apr-71		CWB
Thorybes bathyllus	RUSK: 1 mi. S of Kilgore	01-Apr-77		CWB
Thorybes confusis	GREGG: Longview	13-May-73		CWB
Thorybes confusis	RUSK: 1 mi. S of Kilgore	10-May-78		CWB
Thorybes pylades	GREGG: Longview	16-Aug-71	27-Mar-76	CWB
Thorybes pylades	RUSK: 1 mi. S of Kilgore	01-Apr-77		CWB
Thorybes pylades	Anderson: Gus Engling WMA	11-Apr-13		B/K
Thorybes pylades	Uvalde: Concan	30-Sep-13		B/K
Cabares potrillo	Cameron: Santa Maria	02-Nov-13		RWB
confined female ovip. On Priva lappulacea; reared to adults.				
Spathilepia clonius	Hidalgo: Mission	28-Oct-13		RWB
confined female ovip. On Vigna luteola, reared to pupae.				
Cogia calchas	Cameron: Brownsville	01-Nov-13		RWB
Staphylus hayhurstii	GREGG: Longview	09-May-71		CWB
Staphylus mazans	Cameron: Brownsville	01-Nov-13		RWB
Pholisora catullus	Starr: Falcon Heights	08-Mar-09		BN1
Pholisora catullus	Hidalgo: Alamo	24-Oct-13	03-Dec-13	B/K
Gorgythion begga pyralina	Hidalgo: Mission	10-Jan-13		MR2
Xenophanes tryxus	STARR: Falcon Heights	04-Oct-13		BN1
Systasea pulverulenta	BANDERA: Love Creek Pres.	07-Jun-13		TBL
Eantis tamenund	Starr: Falcon Heights	16-Oct-10		BN1
Eantis tamenund	Hidalgo: Alamo	24-Oct-13	05-Dec-13	B/K
Eantis tamenund	Cameron: Brownsville	01-Nov-13		RWB
Grais stigmaticus	Hidalgo: Alamo	26-Oct-13		CWB
Timochares ruptifasciata	Starr: Falcon Heights	30-Jun-09		BN1
Chiomara georgina	Cameron: Brownsville	01-Nov-13		RWB
Gesta invisus	Uvalde: Concan	30-Sep-13		B/K
Erynnis baptisiae	SABINE: Six Mile	17-Mar-13		CWB
Erynnis baptisiae	NEWTON: US 87 X CR 2107	17-Mar-13		B/K
Erynnis baptisiae	Angelina: Angelina NF	10-Apr-13		B/K
Erynnis baptisiae	Anderson: Gus Engling WMA	12-Apr-13		B/K
Erynnis brizo	GREGG: Longview	15-Mar-72	27-Mar-76	CWB
Erynnis brizo	RUSK: 1 mi. S of Kilgore	21-Mar-77		CWB
Erynnis brizo	Smith: Tyler SP	21-Mar-77		B/K
Erynnis brizo	BASTROP: Bastrop SP	18-Feb-92		ECK
Erynnis brizo	Anderson: Gus Engling WMA	11-Apr-13		B/K
Erynnis funeralis	GREGG: Longview	06-Apr-75		CWB
Erynnis funeralis	RUSK: 1 mi. S of Kilgore	08-Apr-77		CWB
Erynnis funeralis	Angelina: Angelina NF	10-Apr-13		B/K
Erynnis funeralis	Jasper: Angelina NF	10-Apr-13		B/K
Erynnis funeralis	Anderson: Gus Engling WMA	11-Apr-13		B/K
Erynnis funeralis	Cameron: Brownsville	11-Nov-13		RWB
Erynnis horatius	GREGG: Longview	01-Apr-73		CWB
Erynnis horatius	RUSK: 1 mi. S of Kilgore	08-Apr-77		CWB

Erynnis horatius B. Dempwolf	BURNET: Flying T Ranch	27-Jul-13		TBL
Erynnis juvenalis	Jefferson: Beaumont	14-Mar-13		CWB
Erynnis juvenalis	Dallas: Garland	26-Mar-13		JGC
Erynnis martialis	GREGG: Longview	07-Jul-72	06-Apr-75	CWB
Erynnis martialis	Smith: Tyler SP	06-Apr-75		CWB
Erynnis martialis	RUSK: 1 mi. S of Kilgore	21-Mar-77		CWB
Erynnis tristis tatus confined female ovip. On Quercus virginiana; reared to adults.	Hidalgo: Alamo	01-Nov-13		RWB
Erynnis tristis tatus	Kerr: Center Point	16-Nov-13		TBL
Pyrgus albescens	HARDIN: Lumberton	16-Jul-99		CWB
Pyrgus albescens	BRAZOS: Hopes Creek Rd.	06-Mar-13		JMC
Pyrgus albescens	Jeff Davis: Davis Mts.	12-Jul-13		TBL
Pyrgus albescens	UVALDE: Concan	30-Sep-13		B/K
Pyrgus albescens	Hidalgo: Alamo	23-Oct-13	03-Dec-13	B/K
Pyrgus albescens	Starr: Falcon Heights	01-Nov-13		BN1
Pyrgus albescens	Cameron: Brownsville	11-Nov-13		RWB
Pyrgus communis	GREGG: Longview	26-Jul-72		CWB
Pyrgus communis	RUSK: 1 mi. S of Kilgore	31-Jul-77		CWB
Pyrgus communis	Jefferson: Beaumont	04-Mar-13		CWB
Pyrgus communis	Anderson: Gus Engling WMA	11-Apr-13		B/K
Pyrgus communis	Uvalde: Concan	30-Sep-13		B/K
Pyrgus communis	Hidalgo: Alamo	22-Oct-13	05-Dec-13	B/K
Pyrgus communis	Starr: Falcon Heights	01-Nov-13		BN1
Pyrgus communis	Cameron: Brownsville	11-Nov-13		TBL
Pyrgus communis	Lubbock: MacKenzie Park	16-Nov-13		AH1
Pyrgus communis	Kerr: Center Point	16-Nov-13		TBL
Pyrgus oileus	Jefferson: Beaumont	14-Mar-13		CWB
Pyrgus oileus	Angelina: Angelina NF	10-Apr-13		B/K
Pyrgus oileus	Jasper: Angelina NF	10-Apr-13		B/K
Pyrgus oileus	BANDERA: Love Creek Pres.	07-Jun-13		TBL
Pyrgus oileus	Uvalde: Concan	30-Sep-13		B/K
Pyrgus oileus	Hidalgo: Alamo	22-Oct-13	05-Dec-13	B/K
Pyrgus oileus	Cameron: Brownsville	01-Nov-13		RWB
Pyrgus oileus	BRAZOS: College Station	03-Nov-13		JMC
Pyrgus oileus	Starr: Falcon Heights	07-Dec-13		BN1
Pyrgus philetas B. Dempwolf	BURNET: Flying T Ranch	27-Jul-13		TBL
Pyrgus philetas	BRAZOS: College Station	27-Sep-13		JMC
Pyrgus philetas	Uvalde: Concan	30-Sep-13		B/K
Pyrgus philetas	Brooks: Falfurrias	21-Oct-13		B/K
Pyrgus philetas	Hidalgo: Alamo	27-Oct-13		B/K
Pyrgus philetas	Starr: Falcon Heights	06-Nov-13		BN1
Pyrgus philetas	GUADALUPE: Warbler Woods	20-Nov-13		TBL
Heliopyrgus domicella	Hidalgo: Alamo	05-Nov-13		B/K
Heliopyrgus domicella	Cameron: Resaca de la Palma SP	09-Nov-13		TBL
Heliopyrgus sublinea	Hidalgo: Santa Ana NWR	29-Jul-13	11-Sep-13	MR2
Heliopyrgus sublinea	Starr: Rio Grande City	03-Nov-13		TBL
Heliopetes laviana	Hidalgo: Alamo	22-Oct-13	02-Dec-13	B/K
Heliopetes laviana	Starr: Falcon Heights	01-Nov-13		BN1
Heliopetes laviana	Cameron: Brownsville	01-Nov-13		RWB
Heliopetes macaira	Starr: Falcon Heights	28-Jun-09		BN1
Heliopetes macaira	Cameron: Resaca de la Palma SP	09-Nov-13		TBL
Synapte pecta	Hidalgo: Estero Llano Grande SP	26-Feb-13		TBL
Amblyscirtes aenus	CROSBY: White River Lake	14-Jul-13		AH1
Amblyscirtes aesculapius	GREGG: Longview	13-Jun-72		CWB
Amblyscirtes aesculapius	RUSK: 1 mi. S of Kilgore	04-Jun-77		CWB
Amblyscirtes alternata	BEXAR: San Antonio	30-Mar-13		TBL
Amblyscirtes alternata	HARRISON: Caddo Lake SP	29-Apr-13		TBL
Amblyscirtes belli	GREGG: Longview	07-Aug-72		CWB

Amblyscirtes belli	RUSK: 1 mi. S of Kilgore	04-Aug-78		CWB
Amblyscirtes belli	Collin: Garland	19-Apr-09		TBL
Amblyscirtes celia	BELL: Salado	26-Jul-73		CWB
Amblyscirtes celia	Uvalde: Concan	01-Oct-13		B/K
Amblyscirtes celia	Hidalgo: Alamo	23-Oct-13	21-Nov-13	B/K
Amblyscirtes celia	Starr: Falcon Heights	01-Nov-13		BN1
Amblyscirtes phylace	Jeff Davis: Limpia Creek (DMSP)	15-Mar-13		TBL
Amblyscirtes vialis	GREGG: Longview	06-Apr-75		CWB
Amblyscirtes vialis	RUSK: 1 mi. S of Kilgore	02-Apr-77		CWB
Lerodea eufala	GREGG: Longview	17-Jun-72		CWB
Lerodea eufala	RUSK: 1 mi. S of Kilgore	04-Aug-78		CWB
Lerodea eufala	Hidalgo: Alamo	22-Oct-13	05-Dec-13	B/K
Lerodea eufala	Starr: Falcon Heights	01-Nov-13		BN1
Lerodea eufala	Cameron: Brownsville	11-Nov-13		RWB
Lerodea eufala	Lubbock: MacKenzie Park	16-Nov-13		AH1
Nastra julia	Uvalde: Concan	01-Oct-13		B/K
Nastra julia	Starr: Falcon Heights	01-Nov-13		BN1
Nastra julia	Cameron: Brownsville	01-Nov-13		RWB
Nastra julia	Kerr: Center Point	16-Nov-13		TBL
Nastra lherminier	GREGG: Longview	16-Aug-72		CWB
Nastra lherminier	RUSK: 1 mi. S of Kilgore	04-Aug-78		CWB
Nastra lherminier	BRAZOS: Lick Creek Park	01-May-13		RHW
Cymaenes trebius	Starr: Falcon Heights	08-Mar-08		BN1
Cymaenes trebius	Hidalgo: Alamo	29-Oct-13	05-Dec-13	B/K
Cymaenes trebius	Cameron: Brownsville	02-Nov-13		RWB
confined female ovip. On Panicum maximum; reared to adults.				
Lerema accius	GREGG: Longview	26-Jul-72		CWB
Lerema accius	RUSK: 1 mi. S of Kilgore	04-Jul-78		CWB
Lerema accius	Uvalde: Concan	30-Sep-13		B/K
Lerema accius	Hidalgo: Alamo	22-Oct-13	05-Dec-13	B/K
Lerema accius	Cameron: Resaca de la Palma SP	09-Nov-13		TBL
Lerema accius	Kerr: Center Point	16-Nov-13		TBL
Ancyloxypha numitor	GREGG: Longview	22-Jul-72		CWB
Ancyloxypha numitor	RUSK: 1 mi. S of Kilgore	21-Jul-77		CWB
Copaeodes aurantiaca	Lubbock: MacKenzie Park	16-Nov-13		AH1
Copaeodes aurantiaca	Kerr: Center Point	16-Nov-13		TBL
Copaeodes minima	GREGG: Longview	12-May-74		CWB
Copaeodes minima	RUSK: 1 mi. S of Kilgore	17-Jun-78		CWB
Copaeodes minima	Hidalgo: Alamo	23-Oct-13	05-Dec-13	B/K
Copaeodes minima	Cameron: Brownsville	11-Nov-13		RWB
Copaeodes minima	Kerr: Center Point	16-Nov-13		TBL
Copaeodes minima	Starr: Falcon Heights	20-Nov-13		BN1
Hylephila phyleus	GREGG: Longview	06-Jul-72		CWB
Hylephila phyleus	RUSK: 1 mi. S of Kilgore	04-Jul-78		CWB
Hylephila phyleus	Jefferson: Beaumont	04-Mar-13		CWB
Hylephila phyleus	Hidalgo: Alamo	22-Oct-13	05-Dec-13	B/K
Hylephila phyleus	Starr: Falcon Heights	06-Nov-13		BN1
Hylephila phyleus	Cameron: Brownsville	11-Nov-13		RWB
Hylephila phyleus	Kerr: Center Point	16-Nov-13		TBL
Hylephila phyleus	Lubbock: MacKenzie Park	16-Nov-13		AH1
Hesperia metea licinus	Smith: Tyler SP	27-Mar-76		CWB
Atalopedes campestris huron	GREGG: Longview	16-Jun-73		CWB
Atalopedes campestris huron	RUSK: 1 mi. S of Kilgore	04-Jul-78		CWB
Atalopedes campestris huron	Jefferson: Beaumont	15-Mar-13		CWB
Atalopedes campestris huron	Anderson: Gus Engling WMA	12-Apr-13		B/K
Atalopedes campestris huron	Hidalgo: Alamo	23-Oct-13	05-Dec-13	B/K
Atalopedes campestris huron	Starr: Falcon Heights	06-Nov-13		BN1
Atalopedes campestris huron	Cameron: Resaca de la Palma SP	09-Nov-13		TBL
Atalopedes campestris huron	Kerr: Center Point	16-Nov-13		TBL

<i>Atalopedes campestris huron</i>	Lubbock: MacKenzie Park	16-Nov-13	AH1
<i>Polites origenes</i>	GREGG: Longview	07-Jun-75	CWB
<i>Polites origenes</i>	RUSK: 1 mi. S of Kilgore	12-Jun-78	CWB
<i>Polites themistocles</i>	GREGG: Longview	07-Aug-72	CWB
<i>Polites themistocles</i>	RUSK: 1 mi. S of Kilgore	04-Aug-78	CWB
<i>Polites vibex brettoides</i>	GREGG: Longview	09-Jul-72	CWB
<i>Polites vibex brettoides</i>	RUSK: 1 mi. S of Kilgore	04-Jul-78	CWB
<i>Polites vibex brettoides</i>	Jefferson: Beaumont	14-Mar-13	CWB
<i>Polites vibex praeceps</i>	Hidalgo: Alamo	22-Oct-13	05-Dec-13 B/K
<i>Polites vibex praeceps</i>	Cameron: Brownsville	01-Nov-13	RWB
<i>Wallengrenia egeremet</i>	GREGG: Longview	09-Aug-75	CWB
<i>Wallengrenia egeremet</i>	RUSK: 1 mi. S of Kilgore	04-Aug-78	CWB
<i>Wallengrenia otho</i>	WASHINGTON: Ledbetter	04-May-74	ECK
<i>Wallengrenia otho</i>	GREGG: Longview	05-Aug-75	CWB
<i>Wallengrenia otho</i>	RUSK: 1 mi. S of Kilgore	15-Aug-77	CWB
<i>Wallengrenia otho</i>	Hidalgo: Alamo	22-Oct-13	05-Dec-13 B/K
<i>Wallengrenia otho</i> confined female ovip. On <i>Panicum maximum</i> ; reared to adults.	Cameron: Santa Maria	11-Nov-13	RWB
<i>Anatrytone logan lagus</i> S. Wilkerson	COMANCHE: Comanche	18-Sep-10	TBL
<i>Problema byssus</i> STATE RECORD (in TAMU coll.); leg. Bill McGuire	NEWTON: 15 mi. N of Dewyville	12-Aug-73	JMC
<i>Poanes yehl</i>	GREGG: Longview	04-Jun-73	CWB
<i>Poanes yehl</i>	RUSK: 1 mi. S of Kilgore	12-Jun-78	CWB
<i>Euphyes dion</i>	GREGG: Longview	30-Aug-75	CWB
<i>Euphyes vestris</i>	Kerr: Center Point	16-Nov-13	TBL
<i>Euphyes vestris metacomet</i>	GREGG: Longview	20-Aug-75	CWB
<i>Euphyes vestris metacomet</i>	RUSK: 1 mi. S of Kilgore	04-Aug-78	CWB
<i>Atrytonopsis pittacus</i>	Jeff Davis: Limpia Creek (DMSP)	15-Mar-13	TBL
<i>Calpododes ethlius</i>	GREGG: Longview	18-Sep-72	CWB
<i>Calpododes ethlius</i>	RUSK: 1 mi. S of Kilgore	22-Sep-78	CWB
<i>Panoquina lucas</i>	Cameron: Brownsville	01-Nov-13	RWB
<i>Panoquina lucas</i> Mitch Heindel	UVALDE: Utopia	19-Nov-13	TBL
<i>Panoquina ocola</i>	GREGG: Longview	05-Aug-72	CWB
<i>Panoquina ocola</i>	RUSK: 1 mi. S of Kilgore	04-Aug-78	CWB
<i>Panoquina ocola</i>	Hidalgo: Alamo	22-Oct-13	05-Dec-13 B/K
<i>Panoquina ocola</i>	Starr: Falcon Heights	06-Nov-13	BN1
<i>Panoquina ocola</i>	Cameron: Brownsville	11-Nov-13	RWB
<i>Nyctelius nyctelius</i>	Cameron: Brownsville	10-Oct-92	RWB
<i>Megathymus streckeri</i> STATE RECORD: (for nom. Ssp.)	CULBERSON: GUMO: Bear Cyn. Trail Photo by Tripp Davenport	25-Jun-12	NVG
<i>Megathymus streckeri texana</i>	HAYS: Fitzhugh Rd.	14-Mar-13	JMC
<i>Megathymus yuccae coloradensis</i>	Tarrant: Saginaw	01-Apr-13	JGC
PAPILIONIDAE			
<i>Eurytides marcellus</i>	Angelina: Angelina NF	10-Apr-13	B/K
<i>Eurytides marcellus</i>	Jasper: Angelina NF	10-Apr-13	B/K
<i>Eurytides marcellus</i>	Tyler: Warren	14-Apr-13	B/K
<i>Eurytides marcellus</i>	Hardin: Kountze	14-Apr-13	B/K
<i>Eurytides marcellus</i>	Polk: Corrigan	14-Apr-13	B/K
<i>Eurytides marcellus</i>	Houston: Latexo	14-Apr-13	B/K
<i>Battus philenor</i>	GREGG: Longview	17-Jun-73	CWB
<i>Battus philenor</i>	RUSK: 1 mi. S of Kilgore	04-Jul-78	CWB
<i>Battus philenor</i>	ROCKWALL: Meyers Park	18-Feb-13	JGC
<i>Battus philenor</i>	Jefferson: Beaumont	14-Mar-13	CWB
<i>Battus philenor</i>	Angelina: Angelina NF	10-Apr-13	B/K
<i>Battus philenor</i>	Jasper: Angelina NF	10-Apr-13	B/K
<i>Battus philenor</i>	Anderson: Gus Engling WMA	11-Apr-13	B/K
<i>Battus philenor</i>	Uvalde: Concan	28-Sep-13	B/K
<i>Battus philenor</i>	Nueces: Corpus Christi	21-Oct-13	B/K

Battus philenor	Brooks: Falfurrias	21-Oct-13		B/K
Battus philenor	Kleberg: Ricardo	21-Oct-13		B/K
Battus philenor	Hidalgo: Alamo	22-Oct-13	04-Dec-13	B/K
Battus philenor	Starr: Falcon Heights	01-Nov-13		BN1
Battus philenor	Cameron: Brownsville	11-Nov-13		RWB
Battus philenor	Kerr: Center Point	16-Nov-13		TBL
Battus polydamas	Cameron: Harlingen	06-Nov-13		RWB
larvae on Aristolochia grandiflora; reared to adults.				
Papilio anchisiades idaeus	Hidalgo: Mission	10-Feb-13		DJD
Papilio anchisiades idaeus	Midland: Midland	17-Aug-13		TBL
Papilio astyalus pallas	Hidalgo: Weslaco	03-Oct-13	16-Oct-13	TBL
Papilio crespontes	GREGG: Longview	19-Jul-73		CWB
Papilio crespontes	RUSK: 1 mi. S of Kilgore	04-Aug-78		CWB
Papilio crespontes	Jefferson: Beaumont	15-Mar-13		CWB
Papilio crespontes	CROSBY: White River Lake	14-Jul-13		AH1
Papilio crespontes	Uvalde: Concan	28-Sep-13		B/K
Papilio crespontes	Kleberg: Ricardo	21-Oct-13		B/K
Papilio crespontes	Brooks: Falfurrias	21-Oct-13		B/K
Papilio crespontes	Nueces: Corpus Christi	21-Oct-13		B/K
Papilio crespontes	Hidalgo: Alamo	22-Oct-13	03-Dec-13	B/K
Papilio crespontes	Starr: Falcon Heights	08-Nov-13		BN1
Papilio glaucus	GREGG: Longview	23-Aug-73		CWB
Papilio glaucus	RUSK: 1 mi. S of Kilgore	04-Aug-78		CWB
Papilio glaucus	ELLIS: Bardwell Lake	24-Jul-06	19-Aug-10	JMC
last by RMK				
Papilio glaucus	ROBERTSON: no locality given	04-Apr-10	05-May-10	RMK
Papilio glaucus	Jefferson: Beaumont	10-Mar-13		CWB
Papilio glaucus	Jasper: Angelina NF	10-Apr-13		B/K
Papilio glaucus	Angelina: Angelina NF	10-Apr-13		B/K
Papilio glaucus	Anderson: Gus Engling WMA	11-Apr-13		B/K
Papilio glaucus	BURLESON: no locality given	15-Jul-13	02-Oct-13	RMK
Papilio multicaudata	Uvalde: Concan	28-Sep-13		B/K
Papilio ornythion	Starr: Falcon Heights	22-Jun-13		BN1
Papilio ornythion	Zapata: no locality given	29-Jun-13		MR2
Papilio ornythion	Hidalgo: Mission	31-Aug-13		TBL
Papilio palamedes	GREGG: Longview	21-Aug-77		CWB
Papilio palamedes	Tyler: Woodville	14-Apr-13		B/K
Papilio palamedes	Polk: Corrigan	14-Apr-13		B/K
extremely scarce after the 2012 "population explosion."				
Papilio polyxenes asterius	GREGG: Longview	17-Mar-74		CWB
Papilio polyxenes asterius	RUSK: 1 mi. S of Kilgore	18-Mar-78		CWB
Papilio polyxenes asterius	Jefferson: Beaumont	10-Mar-13		CWB
Papilio polyxenes asterius	Anderson: Gus Engling WMA	13-Apr-13		B/K
Papilio polyxenes asterius	Uvalde: Concan	30-Sep-13		B/K
Papilio polyxenes asterius	Hidalgo: Alamo	22-Oct-13	14-Nov-13	B/K
Papilio troilus	GREGG: Longview	08-Apr-73		CWB
Papilio troilus	RUSK: 1 mi. S of Kilgore	04-Aug-78		CWB
Papilio troilus	Jefferson: Beaumont	01-Mar-13		CWB
Papilio troilus	Angelina: Angelina NF	10-Apr-13		B/K
Papilio troilus	Jasper: Angelina NF	10-Apr-13		B/K
Papilio troilus	Anderson: Gus Engling WMA	11-Apr-13		B/K
PIERIDAE				
Glutophrissa drusilla tenuis	Harris: Spring Valley	03-Aug-13		B/K
Glutophrissa drusilla tenuis	Starr: Falcon Heights	07-Aug-13		BN1
Pontia protodice	GREGG: Longview	22-Jun-72		CWB
Pontia protodice	RUSK: 1 mi. S of Kilgore	22-Jun-78		CWB
Pontia protodice	Anderson: Palestine	12-Apr-13		B/K
Pontia protodice	Hidalgo: Alamo	23-Oct-13	14-Nov-13	B/K
Pontia protodice	Starr: Falcon Heights	08-Nov-13		BN1
Pontia protodice	Lubbock: MacKenzie Park	16-Nov-13		AH1

Pontia protodice	Cameron: Resaca de la Palma SP	15-Dec-13		TBL
Ascia monuste	Kleberg: Ricardo	21-Oct-13		B/K
Ascia monuste	Nueces: Corpus Christi	21-Oct-13		B/K
Ascia monuste	Hidalgo: Alamo	22-Oct-13	05-Dec-13	B/K
Ascia monuste	Starr: Falcon Heights	01-Nov-13		BN1
Ganyra josephina josepha	Hidalgo: Estero Llano Grande SP	27-Jul-13		MR2
Ganyra josephina josepha	Cameron: Brownsville	11-Nov-13		RWB
Pieris rapae	GREGG: Longview	29-Apr-73		CWB
Pieris rapae	RUSK: 1 mi. S of Kilgore	22-Mar-79		CWB
Pieris rapae	Lubbock: Lubbock	16-Nov-13		AH1
Euchloe olympia	GREGG: Longview	22-Mar-71		CWB
Anthocharis midea texana	GREGG: Longview	01-Apr-73		CWB
Anthocharis midea texana	RUSK: 1 mi. S of Kilgore	22-Mar-79		CWB
Anthocharis midea texana	ROCKWALL: Meyers Park	14-Feb-13		JGC
Anthocharis midea texana	Starr: Falcon Heights	23-Feb-13	11-Mar-13	BN1
numerous reports in Hidalgo Co. again (TBL)				
Anthocharis midea texana	VAL VERDE: Devils River Basin	25-Feb-13	28-Feb-13	RMK
Anthocharis midea texana	Dallas: Garland	26-Mar-13		JGC
Anthocharis midea texana	DICKENS: Dickens	30-Mar-13		AH1
Anthocharis midea texana	LUBBOCK: Lake Six	07-Apr-13		AH1
Anthocharis midea texana	DeWitt: Yorktown	09-Apr-13		TBL
Colias eurytheme	GREGG: Longview	13-Jun-71		CWB
Colias eurytheme	RUSK: 1 mi. S of Kilgore	28-Feb-77		CWB
Colias eurytheme	Angelina: Angelina NF	10-Apr-13		B/K
Colias eurytheme	Jasper: Angelina NF	10-Apr-13		B/K
Colias eurytheme	Anderson: Gus Engling WMA	11-Apr-13		B/K
Colias eurytheme	Uvalde: Concan	28-Sep-13		B/K
Colias eurytheme	Hidalgo: Alamo	26-Oct-13	03-Dec-13	B/K
Colias eurytheme	Lubbock: MacKenzie Park	16-Nov-13		AH1
Colias eurytheme	Kerr: Center Point	16-Nov-13		TBL
Colias philodice	GREGG: Longview	05-Jun-71		CWB
Colias philodice	ANDERSON: Gus Engling WMA	12-Apr-13		B/K
Zerene cesonia	GREGG: Longview	11-Mar-73		CWB
Zerene cesonia	RUSK: 1 mi. S of Kilgore	04-Aug-78		CWB
Zerene cesonia	Dallas: Garland	26-Mar-13		JGC
Zerene cesonia	Anderson: Gus Engling WMA	13-Apr-13		B/K
Zerene cesonia	Brooks: Falfurrias	21-Oct-13		B/K
Zerene cesonia	Kleberg: Ricardo	21-Oct-13		B/K
Zerene cesonia	Nueces: Corpus Christi	21-Oct-13		B/K
Zerene cesonia	Hidalgo: Alamo	22-Oct-13	03-Dec-13	B/K
Zerene cesonia	Starr: Falcon Heights	01-Nov-13		BN1
Zerene cesonia	Cameron: Resaca de la Palma SP	09-Nov-13		TBL
Zerene cesonia	Lubbock: MacKenzie Park	16-Nov-13		AH1
Anteos clorinde	Dallas: Glenn Heights	01-Aug-13		DXC
Anteos clorinde	MCLENNAN: Harris Creek	02-Aug-13	04-Aug-13	AG1
Anteos clorinde	Brazos: College Station	01-Sep-13		JMC
Anteos clorinde	JEFF DAVIS: Chihuahuan Desert NC	22-Sep-13		TBL
Anteos clorinde	Uvalde: Concan	01-Oct-13		B/K
Anteos maerula	GREGG: Longview	17-Aug-73		CWB
Anteos maerula	WEBB: Casa Blanca SP	10-Jul-13		TBL
Anteos maerula	Hidalgo: Estero Llano Grande SP	27-Jul-13		MR2
Anteos maerula	BRAZOS: College Station	13-Sep-13	28-Sep-13	JMC
Phoebis agarithe	GREGG: Longview	09-Sep-69		CWB
Phoebis agarithe	RUSK: 1 mi. S of Kilgore	04-Aug-78		CWB
Phoebis agarithe	Brazos: College Station	27-Sep-13		JMC
Phoebis agarithe	Fayette: Schulenburg	28-Sep-13		B/K
Phoebis agarithe	Uvalde: Concan	28-Sep-13		B/K
Phoebis agarithe	Nueces: Corpus Christi	21-Oct-13		B/K
Phoebis agarithe	Brooks: Falfurrias	21-Oct-13		B/K

Phoebis agarithe	Kleberg: Ricardo	21-Oct-13		B/K
Phoebis agarithe	Cameron: Brownsville	11-Nov-13		RWB
Phoebis agarithe	Kerr: Center Point	16-Nov-13		TBL
Phoebis philea	Harris: Spring Valley	23-Jan-13		B/K
Phoebis philea	JEFF DAVIS: Chihuahuan Desert NC	22-Sep-13		TBL
Phoebis philea	GUADALUPE: IH-10 RA	02-Oct-13		B/K
Phoebis sennae	GREGG: Longview	03-Sep-72		CWB
Phoebis sennae	RUSK: 1 mi. S of Kilgore	04-Jul-78		CWB
Phoebis sennae	Jefferson: Beaumont	04-Mar-13		CWB
Phoebis sennae	Newton: US 87 X CR 2107	17-Mar-13		B/K
Phoebis sennae	Hardin: Lumberton	09-Apr-13		B/K
Phoebis sennae	Jasper: Angelina NF	10-Apr-13		B/K
Phoebis sennae	Angelina: Angelina NF	10-Apr-13		B/K
Phoebis sennae	Anderson: Gus Engling WMA	11-Apr-13		B/K
Phoebis sennae	Houston: Latexo	14-Apr-13		B/K
Phoebis sennae	Uvalde: Concan	28-Sep-13		B/K
Phoebis sennae	Kleberg: Ricardo	21-Oct-13		B/K
Phoebis sennae	Nueces: Corpus Christi	21-Oct-13		B/K
Phoebis sennae	Brooks: Falfurrias	21-Oct-13		B/K
Phoebis sennae	Hidalgo: Alamo	22-Oct-13	03-Dec-13	B/K
Phoebis sennae	Cameron: Brownsville	01-Nov-13		RWB
Phoebis sennae	Kerr: Center Point	16-Nov-13		TBL
Aphrissa statira	Nueces: Corpus Christi	05-Aug-13	06-Aug-13	JMC
Aphrissa statira	CALHOUN: Port O'Connor	06-Aug-13		TBL
Kricogonia lyside	GREGG: Longview	20-Jul-71		CWB
Kricogonia lyside	Uvalde: Concan	28-Sep-13		B/K
Kricogonia lyside	Nueces: Corpus Christi	21-Oct-13		B/K
Kricogonia lyside	Kleberg: Ricardo	21-Oct-13		B/K
Kricogonia lyside	Hidalgo: Alamo	22-Oct-13	05-Dec-13	B/K
Kricogonia lyside	Cameron: Brownsville	11-Nov-13		RWB
Eurema boisduvaliana	Hidalgo: Relampago	30-Oct-13		RWB
females ovip. On Senna pendula (field & lab); reared to adults.				
Eurema दौरa eugenia	Hidalgo: Mission	10-Jan-13	22-Mar-13	MR2
Eurema mexicana	HENDERSON: Athens	20-Jun-73		CWB
Eurema mexicana	GREGG: Longview	23-Jun-73		CWB
Eurema mexicana	RUSK: 1 mi. S of Kilgore	04-Aug-78		CWB
Pyrisitia dina	Hidalgo: Santa Ana NWR	24-Jul-13		MR2
Pyrisitia lisa	GREGG: Longview	15-Jul-73		CWB
Pyrisitia lisa	RUSK: 1 mi. S of Kilgore	04-Aug-78		CWB
Pyrisitia lisa	Anderson: Gus Engling WMA	11-Apr-13		B/K
Pyrisitia lisa	Uvalde: Concan	28-Sep-13		B/K
Pyrisitia lisa	Brooks: Falfurrias	21-Oct-13		B/K
Pyrisitia lisa	Kleberg: Ricardo	21-Oct-13		B/K
Pyrisitia lisa	Nueces: Corpus Christi	21-Oct-13		B/K
Pyrisitia lisa	Hidalgo: Alamo	22-Oct-13	05-Dec-13	B/K
Pyrisitia lisa	Starr: Falcon Heights	01-Nov-13		BN1
Pyrisitia lisa	Kerr: Center Point	16-Nov-13		TBL
Pyrisitia lisa	Cameron: Resaca de la Palma SP	01-Dec-13		TBL
Pyrisitia nise nelphe	Starr: Falcon Heights	01-Nov-13		BN1
Pyrisitia nise nelphe	Cameron: Brownsville	11-Nov-13		RWB
Abaeis nicippe	GREGG: Longview	26-Jun-72		CWB
Abaeis nicippe	RUSK: 1 mi. S of Kilgore	22-Jun-78		CWB
Abaeis nicippe	Uvalde: Concan	28-Sep-13		B/K
Abaeis nicippe	Hidalgo: Alamo	23-Oct-13	02-Dec-13	B/K
Abaeis nicippe	Starr: Falcon Heights	01-Nov-13		BN1
Abaeis nicippe	Lubbock: MacKenzie Park	16-Nov-13		AH1
Nathalis iole	Gregg: Longview	12-Jun-75		CWB
Nathalis iole	Rusk: 1 mi. S of Kilgore	04-Aug-78		CWB
Nathalis iole	Anderson: Gus Engling WMA	11-Apr-13		B/K

Nathalis iole	Uvalde: Concan	28-Sep-13		B/K
Nathalis iole	Kleberg: Ricardo	21-Oct-13		B/K
Nathalis iole	Nueces: Corpus Christi	21-Oct-13		B/K
Nathalis iole	Hidalgo: Alamo	22-Oct-13	05-Dec-13	B/K
Nathalis iole	Cameron: Resaca de la Palma SP	09-Nov-13		TBL
Nathalis iole	Lubbock: MacKenzie Park	16-Nov-13		AH1
Nathalis iole	Kerr: Center Point	16-Nov-13		TBL
LYCAENIDAE				
Feniseca tarquinius	GREGG: Longview	25-Jun-72		CWB
Atlides halesus	GREGG: Longview	27-Oct-73		CWB
Atlides halesus corcorani	Hidalgo: Mission	28-Oct-13		RWB
Atlides halesus corcorani	Lubbock: MacKenzie Park	16-Nov-13		AH1
Rekoa marius	Hidalgo: Alamo	18-Nov-13		CWB
Rekoa palegon	Hidalgo: Mission	06-Feb-13		TBL
Satyrium calanus falacer	GREGG: Longview	09-May-72		CWB
Satyrium kingi	HENDERSON: Athens	02-Jun-75		CWB
Satyrium liparops strigosa	SMITH: Tyler SP	15-May-77		CWB
Satyrium liparops strigosa	GREGG: Longview	16-May-77		CWB
Satyrium liparops strigosa	RUSK: 1 mi. S of Kilgore	17-May-77		CWB
Satyrium titus campus	HENDERSON: Athens	02-Jun-75		CWB
STATE RECORD: Paratype				
Chlorostrymon simaethis sarita	Hidalgo: Mission	21-Jan-13		MR2
Chlorostrymon simaethis sarita	Cameron: Brownsville	01-Nov-13		RWB
Cyanophrys herodotus	Hidalgo: Hidalgo Pumphouse	06-Nov-13		MR2
Cyanophrys herodotus	Hidalgo: Mission	02-Dec-13		RWB
confined female ovip. On Lantana urticoides (= L. horrida); larvae feeding.				
Cyanophrys miserabilis	Hidalgo: Alamo	12-Nov-13		RWB
confined female ovip. On Parkinsonia aculeata; reared to adults.				
Callophrys henrici solatus	Val Verde: Devils River Basin	25-Feb-13	28-Feb-13	RMK
Callophrys henrici turneri	TYLER: Kirby SF	29-Feb-92		CWB
Callophrys henrici turneri	Brazos: Lick Creek Park	02-Feb-13		RHW
Callophrys henrici turneri	JEFFERSON: Beaumont	04-Mar-13		CWB
Callophrys henrici turneri	Dallas: Garland	26-Mar-13		JGC
Callophrys irus hadra	GREGG: Longview	23-Mar-76		CWB
Callophrys irus hadra	Sabine: Six Mile	17-Mar-13		B/K
Callophrys irus hadra	Angelina: Angelina NF	19-Mar-13		TBL
Callophrys niphon	GREGG: Longview	18-Apr-73	19-Apr-75	CWB
Allosmaitia strophius	Hidalgo: Alamo	05-Nov-13	21-Nov-13	ECK
last in Mission (TBL)				
Allosmaitia strophius	Hidalgo: Mission	02-Dec-13		RWB
confined female ovip. On Malpighia glabra, larvae feeding.				
Calycopis cecrops	GREGG: Longview	19-May-74		CWB
Calycopis isobea	BELL: Salado	26-Jul-73		CWB
Calycopis isobea	Starr: Falcon Heights	10-May-09		BN1
Calycopis isobea	Angelina: Angelina NF	10-Apr-13		B/K
Calycopis isobea	Jasper: Angelina NF	10-Apr-13		B/K
Calycopis isobea	ANDERSON: Gus Engling WMA	11-Apr-13		B/K
Calycopis isobea	Hidalgo: Alamo	29-Oct-13	05-Dec-13	B/K
Calycopis isobea	Cameron: Resaca de la Palma SP	09-Nov-13		TBL
Strymon albata	Hidalgo: Weslaco	31-Jan-13		MR2
Strymon albata	Hidalgo: Alamo	10-Nov-13		ECK
Strymon alea	Hidalgo: Mission	02-Feb-13		DJD
Strymon alea	Cameron: Resaca de la Palma SP	18-Nov-13		TBL
Strymon bazochii	Hidalgo: Mission	21-Jan-13		MR2
Strymon bebrycia	Hidalgo: Santa Ana NWR	30-Jan-13		MR2
Strymon bebrycia	Hidalgo: Hidalgo Pumphouse	30-Jul-13		TBL
Strymon bebrycia	NUECES: Corpus Christi	22-Oct-13		TBL
Strymon istapa	Starr: Falcon Heights	08-Jun-10		BN1
Strymon istapa	MIDLAND: Midland	17-Aug-13		TBL
Strymon istapa	Cameron: Brownsville	02-Nov-13		RWB

Strymon istapa	KENDALL: NE of Comfort	21-Nov-13		TBL
Strymon melinus	GREGG: Longview	06-Jun-73		CWB
Strymon melinus	Starr: Falcon Heights	22-Nov-06		BN1
Strymon melinus	Uvalde: Concan	28-Sep-13		B/K
Strymon melinus	Cameron: Resaca de la Palma SP	09-Nov-13		TBL
Strymon melinus	Lubbock: Lubbock	16-Nov-13		AH1
Strymon melinus	Kerr: Center Point	16-Nov-13		TBL
Strymon rufofusca	Cameron: Resaca de la Palma SP	03-Feb-13		TBL
Strymon rufofusca	Hidalgo: Alamo	28-Oct-13	05-Dec-13	CWB
Strymon yojoa	Hidalgo: Alamo	29-Oct-13		CWB
Ministrymon clytie	Starr: Falcon Heights	03-Dec-10		BN1
Ministrymon clytie	Hidalgo: Alamo	14-Nov-13		RWB
larvae on flower buds of Pithecellobium dulce; reared to adults.				
Ministrymon janevicroy	UVALDE: Concan	07-Jul-36		ZK
leg. W. D. Field (see ZooKeys for entire OD)				
Ministrymon janevicroy	HIDALGO: Pharr	20-Apr-48	12-Jun-76	ZK
leg. H. A. Freeman; last in Sullivan City (leg. J. B. Sullivan.)				
Ministrymon janevicroy	STARR: Falcon Heights	10-May-08	22-Jun-13	BN1
Ministrymon janevicroy	Hidalgo: Mission	20-Apr-09	25-Jul-09	B/K
all at UV; only recently known vouchers.				
Ministrymon janevicroy	CAMERON: Sabal Palm Grove Sanctuary	17-Jun-11		ZK
Ministrymon janevicroy	BREWSTER: BIBE: Dugout Wells	20-Jun-12		ZK
Ministrymon janevicroy	KERR: Kerrville	28-May-13		TBL
US RECORD: n. sp., specimen found in USNM (Jun 1917 via Barnes coll.)				
Panthiades bathildis	Hidalgo: Mission	06-Nov-13	08-Nov-13	DJD
Panthiades bathildis	STARR: Salineno	19-Nov-13		TBL
Parrhasius m-album	GREGG: Longview	27-May-73		CWB
Leptotes cassius cassidula	Starr: Falcon Heights	06-Apr-12		BN1
Leptotes cassius cassidula	Hidalgo: Mission	21-Jan-13		MR2
Leptotes cassius cassidula	Bexar: Windcrest	09-Nov-13		TBL
Leptotes marina	GREGG: Longview	03-May-74		CWB
Leptotes marina	Starr: Falcon Heights	06-Nov-13		BN1
Leptotes marina	Hidalgo: Mission	16-Nov-13		RWB
female observed ovip. On Plumbago scandens (field & lab); reared to adults.				
Brephidium exilis	Starr: Falcon Heights	09-Nov-13		BN1
Brephidium exilis	Cameron: Resaca de la Palma SP	09-Nov-13		TBL
Brephidium exilis	Lubbock: MacKenzie Park	16-Nov-13		AH1
Cupido comyntas	GREGG: Longview	27-May-73	06-Apr-75	CWB
Cupido comyntas	RUSK: 1 mi. S of Kilgore	22-May-78		CWB
Cupido comyntas	Anderson: Gus Engling WMA	13-Apr-13		B/K
Celastrina neglecta	GREGG: Longview	26-May-73	13-Jul-73	CWB
Celastrina neglecta	Anderson: Gus Engling WMA	13-Apr-13		B/K
Hemiargus ceraunus astenidas	Uvalde: Concan	30-Sep-13		B/K
Hemiargus ceraunus astenidas	Hidalgo: Alamo	22-Oct-13	05-Dec-13	B/K
Hemiargus ceraunus astenidas	Starr: Falcon Heights	01-Nov-13		BN1
Hemiargus ceraunus astenidas	Cameron: Resaca de la Palma SP	09-Nov-13		TBL
Echinargus isola	GREGG: Longview	02-May-71		CWB
Echinargus isola	RUSK: 1 mi. S of Kilgore	22-Oct-78		CWB
Echinargus isola	ROCKWALL: Meyers Park	18-Feb-13		JGC
Echinargus isola	Uvalde: Concan	30-Sep-13		B/K
Echinargus isola	Hidalgo: Alamo	22-Oct-13	05-Dec-13	B/K
Echinargus isola	Starr: Falcon Heights	01-Nov-13		BN1
Echinargus isola	Cameron: Resaca de la Palma SP	09-Nov-13		TBL
Echinargus isola	Kerr: Center Point	16-Nov-13		TBL
Echinargus isola	Hidalgo: Alamo	23-Nov-13		RWB
larva on Leucaena leucocephala flower head; reared to adult.				
RIODINIDAE				
Melanis pixe	Hidalgo: Alamo	22-Oct-13	09-Dec-13	B/K
locally abundant; reared to adults on Pithcellobium dulce (B/K & RWB).				
Calephelis nemesi australis	Hidalgo: Alamo	22-Oct-13	05-Dec-13	B/K
Calephelis nemesi australis	Starr: Falcon Heights	06-Nov-13		BN1

<i>Calephelis nemesis australis</i>	Cameron: Resaca de la Palma SP	09-Nov-13		TBL
<i>Calephelis perditalis</i>	Starr: Falcon Heights	18-Jun-07		BN1
<i>Calephelis perditalis</i>	Hidalgo: Alamo	28-Oct-13	03-Dec-13	B/K
<i>Calephelis perditalis</i>	Cameron: Brownsville	01-Nov-13		RWB
<i>Caria ino melicerta</i>	Cameron: Brownsville	01-Nov-13		RWB
<i>Caria ino melicerta</i>	Starr: Falcon Heights	20-Nov-13		BN1
<i>Emesis emesia</i>	Hidalgo: Relampago	30-Oct-13		RWB
females ovip. On <i>Caesapinia mexicana</i> (field & lab); reared to adults.				
NYMPHALIDAE				
<i>Libytheana carinenta bachmanii</i>	GREGG: Longview	07-Jun-72		CWB
<i>Libytheana carinenta bachmanii</i>	RUSK: 1 mi. S of Kilgore	06-Jun-78		CWB
<i>Libytheana carinenta bachmanii</i>	Newton: US 87 X CR 2107	17-Mar-13		B/K
<i>Libytheana carinenta larvata</i>	GREGG: Longview	23-Jun-73	16-Jul-73	CWB
obvious migrants from the west.				
<i>Libytheana carinenta larvata</i>	CROSBY: White River Lake	14-Jun-13		AH1
<i>Libytheana carinenta larvata</i>	Uvalde: Concan	28-Sep-13		B/K
<i>Libytheana carinenta larvata</i>	Brooks: Falfurrias	21-Oct-13		B/K
<i>Libytheana carinenta larvata</i>	Nueces: Corpus Christi	21-Oct-13		B/K
<i>Libytheana carinenta larvata</i>	Kleberg: Ricardo	21-Oct-13		B/K
<i>Libytheana carinenta larvata</i>	Hidalgo: Alamo	22-Oct-13	05-Dec-13	B/K
<i>Libytheana carinenta larvata</i>	Starr: Falcon Heights	01-Nov-13		BN1
<i>Libytheana carinenta larvata</i>	Cameron: Brownsville	11-Nov-13		RWB
<i>Libytheana carinenta larvata</i>	Kerr: Center Point	16-Nov-13		TBL
<i>Danaus eresimus montezuma</i>	BRAZOS: TAMU HG	26-Nov-12		TBL
S. Wilkerson				
<i>Danaus eresimus montezuma</i>	Cameron: Brownsville	11-Nov-13		RWB
<i>Danaus eresimus montezuma</i>	Comal: Bulverde	18-Nov-13		TBL
frequent reports from CTX this year.				
<i>Danaus gilippus thersippus</i>	GREGG: Longview	01-Jun-71	01-Dec-73	CWB
<i>Danaus gilippus thersippus</i>	Fayette: Flatonia	28-Sep-13		B/K
<i>Danaus gilippus thersippus</i>	Uvalde: Concan	28-Sep-13		B/K
<i>Danaus gilippus thersippus</i>	Brooks: Falfurrias	21-Oct-13		B/K
<i>Danaus gilippus thersippus</i>	Nueces: Corpus Christi	21-Oct-13		B/K
<i>Danaus gilippus thersippus</i>	Kleberg: Ricardo	21-Oct-13		B/K
<i>Danaus gilippus thersippus</i>	Hidalgo: Alamo	22-Oct-13	05-Dec-13	B/K
<i>Danaus gilippus thersippus</i>	Starr: Falcon Heights	01-Nov-13		BN1
<i>Danaus gilippus thersippus</i>	Cameron: Brownsville	11-Nov-13		RWB
<i>Danaus gilippus thersippus</i>	Kerr: Center Point	16-Nov-13		TBL
<i>Danaus plexippus</i>	GREGG: Longview	24-Oct-71		CWB
<i>Danaus plexippus</i>	RUSK: 1 mi. S of Kilgore	22-Oct-77		CWB
<i>Danaus plexippus</i>	Anderson: Gus Engling WMA	13-Apr-13		B/K
<i>Danaus plexippus</i>	Uvalde: Concan	30-Sep-13		B/K
<i>Danaus plexippus</i>	Kleberg: Ricardo	21-Oct-13		B/K
<i>Danaus plexippus</i>	Nueces: Corpus Christi	21-Oct-13		B/K
<i>Danaus plexippus</i>	Hidalgo: Alamo	22-Oct-13	04-Dec-13	B/K
<i>Danaus plexippus</i>	Starr: Falcon Heights	01-Nov-13		BN1
<i>Danaus plexippus</i>	Cameron: Brownsville	09-Nov-13		RWB
<i>Danaus plexippus</i>	Kerr: Center Point	16-Nov-13		TBL
<i>Lycoreia halia atergatis</i>	Hidalgo: Mission	21-Dec-13		TBL
<i>Anaea aidea</i>	Uvalde: Concan	30-Sep-13		B/K
<i>Anaea aidea</i>	Cameron: San Benito	18-Oct-13		TBL
<i>Anaea andria</i>	GREGG: Longview	28-Jun-73		CWB
<i>Anaea andria</i>	RUSK: 1 mi. S of Kilgore	08-Oct-78		CWB
<i>Anaea andria</i>	Starr: Falcon Heights	13-Aug-10		BN1
<i>Anaea andria</i>	Hardin: Lumberton	09-Apr-13		B/K
<i>Anaea andria</i>	Jasper: Angelina NF	10-Apr-13		B/K
<i>Anaea andria</i>	Angelina: Angelina NF	10-Apr-13		B/K
<i>Anaea andria</i>	Anderson: Gus Engling WMA	11-Apr-13		B/K
<i>Anaea andria</i>	Cameron: San Benito	18-Oct-13		TBL
<i>Anaea andria</i>	Kleberg: Ricardo	21-Oct-13		B/K

Anaea andria	Brooks: Falfurrias	21-Oct-13		B/K
Anaea andria	Lubbock: MacKenzie Park	16-Nov-13		AH1
Memphis pithyusa	Starr: Falcon Heights	27-Jul-13	19-Aug-13	BN1
Memphis pithyusa	Hidalgo: Mission	31-Aug-13		MR2
Lethe creola	GREGG: Longview	03-Sep-72		CWB
Lethe portlandia missarkae	GREGG: Longview	22-Apr-73		CWB
Lethe portlandia missarkae	Jasper: Martin Dies SP	09-Apr-13		B/K
Cercyonis pegala texana	HENDERSON: Athens	22-Jun-73		CWB
Cyllopsis gemma	GREGG: Longview	18-Mar-72		CWB
Cyllopsis gemma	WOOD: Big Sandy	18-Jun-72		CWB
Cyllopsis gemma	Anderson: Gus Engling WMA	13-Apr-13		B/K
Cyllopsis gemma freemani	Cameron: Resaca de la Palma SP	09-Nov-13		TBL
Hermeuptychia hermybius	STARR: Salineno	01-Apr-00		B/K
Hermeuptychia hermybius	Starr: Falcon Heights	26-Nov-08	16-Nov-13	BN1
Hermeuptychia hermybius	Cameron: Brownsville	11-Nov-13		RWB
Hermeuptychia sosybius	GREGG: Longview	28-Apr-73	13-Jun-75	CWB
Hermeuptychia sosybius	Anderson: Gus Engling WMA	11-Apr-13	13-Apr-13	B/K
Megisto cymela	GREGG: Longview	22-Apr-73	19-May-75	CWB
Megisto cymela	Jasper: Martin Dies SP	09-Apr-13		B/K
Megisto cymela	Angelina: Angelina NF	10-Apr-13		B/K
Megisto cymela	Anderson: Gus Engling WMA	13-Apr-13		B/K
Dione moneta poeyi	Bexar: San Antonio	03-Feb-13		TBL
Dione moneta poeyi	Hidalgo: Mission	04-Dec-13		RWB
	confined female ovip.on Passiflora suberosa & P. foetida var. hirsuta, larvae feeding.			
Eueides isabella eva	Hidalgo: Mission	22-Nov-13		TBL
Agraulis vanillae incarnata	GREGG: Longview	27-May-72		CWB
Agraulis vanillae incarnata	Hardin: Lumberton	09-Apr-13		B/K
Agraulis vanillae incarnata	Angelina: Angelina NF	10-Apr-13		B/K
Agraulis vanillae incarnata	Jasper: Angelina NF	10-Apr-13		B/K
Agraulis vanillae incarnata	Anderson: Palestine	13-Apr-13		B/K
Agraulis vanillae incarnata	Uvalde: Concan	28-Sep-13		B/K
Agraulis vanillae incarnata	Nueces: Corpus Christi	21-Oct-13		B/K
Agraulis vanillae incarnata	Brooks: Falfurrias	21-Oct-13		B/K
Agraulis vanillae incarnata	Kleberg: Ricardo	21-Oct-13		B/K
Agraulis vanillae incarnata	Hidalgo: Alamo	22-Oct-13	05-Dec-13	B/K
Agraulis vanillae incarnata	Starr: Falcon Heights	01-Nov-13		BN1
Agraulis vanillae incarnata	Cameron: Brownsville	11-Nov-13		RWB
Agraulis vanillae incarnata	Kerr: Center Point	16-Nov-13		TBL
Dryas iulia moderata	Harris: Houston	07-Jul-67		CWB
Dryas iulia moderata	JEFFERSON: Beaumont	21-Sep-79		CAS
Dryadula phaetusa	KENDALL: Comfort	28-Jul-13		JFD
	Cathy Downs photos			
Heliconius charithonia vazquezae	JEFFERSON: Beaumont	19-May-13		CWB
Euptoieta claudia	GREGG: Longview	23-Jun-75		CWB
Euptoieta claudia	Uvalde: Concan	28-Sep-13		B/K
Euptoieta claudia	Hidalgo: Alamo	22-Oct-13	04-Dec-13	B/K
Euptoieta claudia	Starr: Falcon Heights	09-Nov-13		BN1
Euptoieta claudia	Lubbock: MacKenzie Park	16-Nov-13		AH1
Euptoieta claudia	Kerr: Center Point	16-Nov-13		TBL
Euptoieta hegesia hoffmani	Nueces: Corpus Christi	21-Oct-13		B/K
Euptoieta hegesia hoffmani	Kleberg: Ricardo	21-Oct-13		B/K
Euptoieta hegesia hoffmani	Brooks: Falfurrias	21-Oct-13		B/K
Limnitis archippus	GREGG: Longview	06-Jun-73		CWB
Limnitis archippus	RUSK: 1 mi. S of Kilgore	01-Jun-78		CWB
Limnitis archippus watsoni	GREGG: Longview	08-Jul-73		CWB
Limnitis arthemis astyanax	RUSK: 1 mi. S of Kilgore	27-Apr-78		CWB
Limnitis arthemis astyanax	Hardin: Lumberton	09-Apr-13		B/K
Limnitis arthemis astyanax	Jasper: Angelina NF	10-Apr-13		B/K
Limnitis arthemis astyanax	Angelina: Angelina NF	10-Apr-13		B/K

<i>Limenitis arthemis astyanax</i>	Anderson: Palestine	13-Apr-13		B/K
<i>Adelpha basiloides</i>	Hidalgo: Estero Llano Grande SP	05-Dec-13		TBL
<i>Adelpha eulalia</i>	Starr: Falcon Heights	07-Nov-07		BN1
<i>Adelpha fessonia</i>	Hidalgo: Santa Ana NWR	06-Feb-13		MR2
<i>Marpesia chiron marius</i>	Hidalgo: Mission	18-Jul-13	26-Jul-13	MR2
<i>Marpesia chiron marius</i>	Starr: Falcon Heights	24-Jul-13	19-Aug-13	BN1
<i>Marpesia chiron marius</i>	Kerr: Kerrville	27-Jul-13		TBL
<i>Marpesia chiron marius</i>	Val Verde: Del Rio	04-Aug-13		TBL
<i>Marpesia petreus</i>	Brewster: Christmas Mts. Oasis	13-Jul-13		Y/T
<i>Marpesia petreus</i> last in Alamo (CWB)	Hidalgo: Mission	18-Jul-13	05-Nov-13	MR2
<i>Marpesia petreus</i>	Starr: Falcon Heights	26-Jul-13	19-Aug-13	BN1
<i>Marpesia petreus</i>	KINNEY: Brackettville	06-Aug-13	15-Aug-13	TBL
<i>Marpesia petreus</i>	LUBBOCK: Ransom Canyon	06-Aug-13		AH1
<i>Marpesia petreus</i>	MIDLAND: Midland	18-Aug-13		TBL
<i>Bibliis hyperia aganisa</i>	Hidalgo: Mission	07-Aug-13		MR2
<i>Bibliis hyperia aganisa</i>	Cameron: San Benito	18-Oct-13		TBL
<i>Bibliis hyperia aganisa</i>	Hidalgo: Alamo	28-Oct-13	19-Nov-13	CWB
<i>Bibliis hyperia aganisa</i>	Cameron: Resaca de la Palma SP	09-Nov-13		TBL
<i>Mestra amymone</i>	Uvalde: Concan	28-Sep-13		B/K
<i>Mestra amymone</i>	Guadalupe: IH-10 RA	02-Oct-13		B/K
<i>Mestra amymone</i>	BRAZOS: College Station	03-Nov-13		JMC
<i>Mestra amymone</i>	Kerr: Center Point	16-Nov-13		TBL
<i>Mestra amymone</i>	Cameron: Resaca de la Palma SP	01-Dec-13		TBL
<i>Eunica monima</i>	Starr: Falcon Heights	23-Jun-13	13-Sep-13	BN1
<i>Eunica monima</i>	WEBB: Casa Blanca SP	24-Jul-13		TBL
<i>Eunica monima</i>	Kinney: Brackettville	04-Aug-13	15-Aug-13	TBL
<i>Eunica monima</i>	Brewster: BIBE: Rio Grande Village	04-Aug-13		TBL
<i>Eunica monima</i>	Uvalde: Uvalde	05-Aug-13		TBL
<i>Eunica monima</i>	MIDLAND: Midland	17-Aug-13		TBL
<i>Eunica monima</i> leg. Kyle Hawkins	DALLAS: Dallas	10-Sep-13		DXC
<i>Eunica tatila</i>	Hidalgo: Mission	16-May-13		MR2
<i>Hamadryas februa ferentina</i> female oviposited on Dalechampia;	Starr: Falcon Heights reared to adults.	16-Jul-13		BN1
<i>Hamadryas februa ferentina</i>	Hidalgo: Estero Llano Grande SP	27-Jul-13		MR2
<i>Hamadryas glauconome</i>	HIDALGO: Mission	25-Aug-13		TBL
<i>Hamadryas glauconome</i> female oviposited on Dalechampia;	Starr: Falcon Heights reared to adults.	03-Sep-13		BN1
<i>Hamadryas guatemalena marmarice</i>	Hidalgo: Estero Llano Grande SP	22-Mar-13		MR2
<i>Hamadryas guatemalena marmarice</i>	Hidalgo: Mission	05-Aug-13		TBL
<i>Hamadryas guatemalena marmarice</i> female oviposited on Dalechampia;	Starr: Falcon Heights reared to adults.	01-Sep-13		BN1
<i>Dynamine postverta mexicana</i>	Hidalgo: Mission	29-May-13		MR2
<i>Asterocampa celtis</i>	GREGG: Longview	07-Jun-72		CWB
<i>Asterocampa celtis</i>	RUSK: 1 mi. S of Kilgore	06-Jun-78		CWB
<i>Asterocampa celtis antonia</i>	Uvalde: Concan	29-Sep-13		B/K
<i>Asterocampa celtis antonia</i>	Starr: Falcon Heights	01-Nov-13		BN1
<i>Asterocampa clyton</i>	GREGG: Longview	17-Jun-72		CWB
<i>Asterocampa clyton</i>	RUSK: 1 mi. S of Kilgore	06-Jun-78		CWB
<i>Asterocampa clyton texana</i>	Uvalde: Concan	28-Sep-13		B/K
<i>Asterocampa clyton louisa</i>	Brooks: Falfurrias	21-Oct-13		B/K
<i>Asterocampa clyton louisa</i>	Hidalgo: Alamo	23-Oct-13	05-Dec-13	B/K
<i>Asterocampa clyton louisa</i>	Starr: Falcon Heights	01-Nov-13		BN1
<i>Asterocampa clyton louisa</i>	Cameron: Brownsville	11-Nov-13		RWB
<i>Asterocampa leilia</i>	Uvalde: Concan	28-Sep-13		B/K
<i>Asterocampa leilia</i> last in Alamo (CWB)	Hidalgo: Mission	28-Oct-13	14-Nov-13	RWB
<i>Asterocampa leilia</i>	Starr: Falcon Heights	01-Nov-13		BN1
<i>Doxocopa pavon theodora</i>	Hidalgo: Weslaco	09-Feb-13		TBL
<i>Historis acheronta</i>	Hidalgo: Mission	15-Jul-13	05-Aug-13	TBL

<i>Smyrna blomfieldia datis</i>	Starr: Falcon Heights	18-Nov-13		BN1
<i>Vanessa atalanta rubria</i>	GREGG: Longview	13-May-73		CWB
<i>Vanessa atalanta rubria</i>	SMITH: Tyler SP	06-Apr-75		CWB
<i>Vanessa atalanta rubria</i>	RUSK: 1 mi. S of Kilgore	17-May-78		CWB
<i>Vanessa atalanta rubria</i>	ROCKWALL: Meyers Park	18-Feb-13		JGC
<i>Vanessa atalanta rubria</i>	Jefferson: Beaumont	15-Mar-13		CWB
<i>Vanessa atalanta rubria</i>	Anderson: Gus Engling WMA	11-Apr-13		B/K
<i>Vanessa atalanta rubria</i>	Uvalde: Concan	30-Sep-13		B/K
<i>Vanessa atalanta rubria</i>	Hidalgo: Alamo	23-Oct-13	05-Dec-13	B/K
<i>Vanessa atalanta rubria</i>	Starr: Falcon Heights	01-Nov-13		BN1
<i>Vanessa atalanta rubria</i>	Kerr: Center Point	16-Nov-13		TBL
<i>Vanessa atalanta rubria</i>	Lubbock: Lubbock	16-Nov-13		AH1
<i>Vanessa cardui</i>	GREGG: Longview	17-May-73		CWB
<i>Vanessa cardui</i>	RUSK: 1 mi. S of Kilgore	17-May-78		CWB
<i>Vanessa cardui</i>	Starr: Falcon Heights	25-Nov-12		BN1
<i>Vanessa cardui</i>	Jefferson: Beaumont	14-Mar-13		CWB
<i>Vanessa cardui</i>	Hardin: Lumberton	09-Apr-13		B/K
<i>Vanessa cardui</i>	Anderson: Palestine	13-Apr-13		B/K
<i>Vanessa cardui</i>	Uvalde: Concan	01-Oct-13		B/K
<i>Vanessa cardui</i>	Hidalgo: Alamo	22-Oct-13	05-Dec-13	B/K
<i>Vanessa cardui</i>	Lubbock: MacKenzie Park	16-Nov-13		AH1
<i>Vanessa cardui</i>	Kerr: Center Point	16-Nov-13		TBL
<i>Vanessa virginienensis</i>	GREGG: Longview	18-Mar-72		CWB
<i>Vanessa virginienensis</i>	RUSK: 1 mi. S of Kilgore	17-May-78		CWB
<i>Vanessa virginienensis</i>	Angelina: Angelina NF	10-Apr-13		B/K
<i>Vanessa virginienensis</i>	Anderson: Gus Engling WMA	13-Apr-13		B/K
<i>Vanessa virginienensis</i>	Hidalgo: Alamo	23-Oct-13	05-Dec-13	B/K
<i>Vanessa virginienensis</i>	Starr: Falcon Heights	08-Nov-13		BN1
<i>Vanessa virginienensis</i>	Lubbock: MacKenzie Park	16-Nov-13		AH1
<i>Vanessa virginienensis</i>	Kerr: Center Point	16-Nov-13		TBL
<i>Nymphalis antiopa</i>	GREGG: Longview	14-May-71		CWB
<i>Nymphalis antiopa</i>	Hidalgo: Mission	02-Feb-13	28-Feb-13	DJD
<i>Nymphalis antiopa</i>	Val Verde: Devils River Basin	25-Feb-13	28-Feb-13	RMK
<i>Nymphalis antiopa</i>	STARR: Falcon Heights	11-Mar-13		BN1
<i>Nymphalis antiopa</i>	Lubbock: MacKenzie Park	16-Nov-13		AH1
<i>Polygonia comma</i>	GREGG: Longview	22-Mar-72	23-Jun-73	CWB
<i>Polygonia haroldii</i>	JEFF DAVIS: Davis Mts. TNC Preserve	31-May-13	22-Jun-13	TBL
US RECORD: Cathryn Hoyt photos.				
<i>Polygonia interrogationis</i>	GREGG: Longview	07-Jul-75		CWB
<i>Polygonia interrogationis</i>	RUSK: 1 mi. S of Kilgore	09-Jul-78		CWB
<i>Polygonia interrogationis</i>	WEBB: Casa Blanca SP	10-Jul-13		TBL
<i>Polygonia interrogationis</i>	Uvalde: Concan	29-Sep-13		B/K
<i>Polygonia interrogationis</i>	Harris: Spring Valley	17-Oct-13	31-Dec-13	B/K
<i>Polygonia interrogationis</i>	Hidalgo: Alamo	07-Nov-13	03-Dec-13	B/K
<i>Polygonia interrogationis</i>	Starr: Falcon Heights	08-Nov-13		BN1
<i>Polygonia interrogationis</i>	Cameron: Resaca de la Palma SP	09-Nov-13		TBL
<i>Polygonia interrogationis</i>	Lubbock: MacKenzie Park	16-Nov-13		AH1
<i>Anartia fatima</i>	Hidalgo: Mission	17-Mar-13		TBL
<i>Anartia jatrophae luteipicta</i>	Kleberg: Ricardo	21-Oct-13		B/K
<i>Anartia jatrophae luteipicta</i>	Nueces: Corpus Christi	21-Oct-13		B/K
<i>Anartia jatrophae luteipicta</i>	Cameron: Brownsville	01-Nov-13		RWB
<i>Siproeta stelenes biplagiata</i>	Hidalgo: Mission	07-Aug-13		MR2
<i>Junonia coenia</i>	GREGG: Longview	17-May-73		CWB
<i>Junonia coenia</i>	RUSK: 1 mi. S of Kilgore	17-May-78		CWB
<i>Junonia coenia</i>	Jefferson: Beaumont	15-Mar-13		CWB
<i>Junonia coenia</i>	Anderson: Gus Engling WMA	11-Apr-13	13-Apr-13	B/K
<i>Junonia coenia</i>	Uvalde: Concan	30-Sep-13		B/K
<i>Junonia coenia</i>	Hidalgo: Mission	28-Oct-13		RWB
<i>Junonia coenia</i>	Starr: Falcon Heights	08-Nov-13		BN1

Junonia coenia	Lubbock: MacKenzie Park	16-Nov-13		AH1
Junonia coenia	Kerr: Center Point	16-Nov-13		TBL
Junonia evarete (east Mexican segregate)	Starr: Falcon Heights	19-Nov-09		BN1
Chlosyne gorgone carlota	GREGG: Longview	14-Mar-74	10-May-75	CWB
Chlosyne gorgone carlota	RUSK: 1 mi. S of Kilgore	18-Mar-78		CWB
Chlosyne gorgone carlota	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Chlosyne janais	Kerr: Center Point	16-Nov-13		TBL
Chlosyne lacinia adjutrix larvae feeding on Ambrosia trifida, reared to adults.	GREGG: Longview	30-Aug-72		CWB
Chlosyne lacinia adjutrix "crocale-like" form.	Gregg: Longview	19-Jul-73		CWB
Chlosyne lacinia adjutrix	Uvalde: Concan	30-Sep-13		B/K
Chlosyne lacinia adjutrix	Kleberg: Ricardo	21-Oct-13		B/K
Chlosyne lacinia adjutrix	Hidalgo: Alamo	22-Oct-13	05-Dec-13	B/K
Chlosyne lacinia adjutrix	Starr: Falcon Heights	01-Nov-13		BN1
Chlosyne lacinia adjutrix	Cameron: Brownsville	11-Nov-13		RWB
Chlosyne lacinia adjutrix	Lubbock: MacKenzie Park	16-Nov-13		AH1
Chlosyne lacinia adjutrix	Kerr: Center Point	16-Nov-13		TBL
Chlosyne lacinia crocale	Hidalgo: Alamo	28-Oct-13		CWB
Chlosyne nycteis	GREGG: Longview	22-Jul-72	19-Apr-75	CWB
Chlosyne nycteis	RUSK: 1 mi. S of Kilgore	25-Jun-78		CWB
Chlosyne nycteis	DeWitt: Yorktown	09-Apr-13		TBL
Chlosyne rosita browni	Starr: Falcon Heights	27-Jul-13	07-Aug-13	BN1
Chlosyne rosita browni	Hidalgo: Mission	06-Aug-13		JMC
Chlosyne theona bollii larvae on Leucophyllum, reared to adults	Cameron: Brownsville	12-Oct-86		RWB
Chlosyne theona bollii	Hidalgo: Alamo	22-Oct-13	18-Nov-13	B/K
Chlosyne theona bollii	Starr: Falcon Heights	01-Nov-13		BN1
Texola elada ulrica	WILBARGER: Vernon	08-Aug-13		TBL
Texola elada ulrica	Uvalde: Concan	01-Oct-13		B/K
Texola elada ulrica	Hidalgo: Alamo	22-Oct-13	03-Dec-13	B/K
Texola elada ulrica	Starr: Falcon Heights	08-Nov-13		BN1
Texola elada ulrica	Cameron: Brownsville	09-Nov-13		TBL
Phyciodes graphica vesta	GREGG: Longview	17-May-72		CWB
Phyciodes graphica vesta	Hidalgo: Alamo	22-Oct-13	05-Dec-13	B/K
Phyciodes graphica vesta	Starr: Falcon Heights	01-Nov-13		BN1
Phyciodes graphica vesta	Cameron: Resaca de la Palma SP	09-Nov-13		TBL
Phyciodes graphica vesta	Kerr: Center Point	16-Nov-13		TBL
Phyciodes phaon	GREGG: Longview	05-Jun-71	14-Oct-76	CWB
Phyciodes phaon	RUSK: 1 mi. S of Kilgore	24-Mar-78		CWB
Phyciodes phaon	CROSBY: White River Lake	14-Jul-13		AH1
Phyciodes phaon	Uvalde: Concan	30-Sep-13		B/K
Phyciodes phaon	Hidalgo: Alamo	22-Oct-13	05-Dec-13	B/K
Phyciodes phaon	Cameron: Resaca de la Palma SP	09-Nov-13		TBL
Phyciodes phaon	Lubbock: MacKenzie Park	16-Nov-13		AH1
Phyciodes phaon	Kerr: Center Point	16-Nov-13		TBL
Phyciodes phaon	Starr: Falcon Heights	20-Nov-13		BN1
Phyciodes tharos	GREGG: Longview	22-Mar-72		CWB
Phyciodes tharos	RUSK: 1 mi. S of Kilgore	24-Mar-78		CWB
Phyciodes tharos	Hardin: Lumberton	25-Mar-83		CWB
Phyciodes tharos	Jefferson: Beaumont	10-Mar-13		CWB
Phyciodes tharos	Angelina: Angelina NF	10-Apr-13		B/K
Phyciodes tharos	Jasper: Angelina NF	10-Apr-13		B/K
Phyciodes tharos	Anderson: Gus Engling WMA	11-Apr-13		B/K
Phyciodes tharos	Hidalgo: Alamo	22-Oct-13	05-Dec-13	B/K
Phyciodes tharos	Cameron: Resaca de la Palma SP	09-Nov-13		TBL
Phyciodes tharos	Lubbock: MacKenzie Park	16-Nov-13		AH1
Phyciodes tharos	Starr: Falcon Heights	20-Nov-13		BN1

Anthanassa argentea last in Weslaco	Hidalgo: Mission	06-Feb-13	22-Mar-13	MR2
Anthanassa ptolyca	Hidalgo: Weslaco	12-Mar-13	15-Mar-13	MR2
Anthanassa texana	Uvalde: Concan	30-Sep-13		B/K
Anthanassa texana	Starr: Falcon Heights	08-Nov-13		BN1
Anthanassa texana	Kerr: Center Point	16-Nov-13		TBL
Anthanassa tulcis	Starr: Falcon Heights	16-Aug-08		BN1
Moths				
NEPTICULIDAE				
Stigmella macrocarpae STATE RECORD	HARDIN: Larsen Sandylands Preserve	30-Sep-96		B/K
PRODOXIDAE				
Tegeticula yuccasella	MORRIS: Daingerfield SP	05-Jun-13		B/K
Prodoxus coloradensis	EDWARDS: Camp Wood	14-Mar-13		TH4
Prodoxus decipiens	EDWARDS: Camp Wood	16-Mar-13		TH4
ADELIDAE				
Adela caeruleella	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
ACROLOPHIDAE				
Acrolophus arcanella	JOHNSON: Burleson	01-May-13		RSF
Acrolophus cressoni	JOHNSON: Hamm Creek Park	16-Aug-13		RSF
Acrolophus heppneri	Harris: Spring Valley	21-Sep-13		B/K
Acrolophus mortipennella	MORRIS: Daingerfield SP	05-Jun-13		B/K
Acrolophus mortipennella	Uvalde: Concan	28-Sep-13		B/K
Acrolophus mortipennella	Hidalgo: Alamo	22-Oct-13		B/K
Acrolophus piger	Uvalde: Concan	29-Sep-13		B/K
Acrolophus popeanella	Hidalgo: Alamo	22-Oct-13		B/K
Acrolophus texanella	JOHNSON: Burleson	03-Jun-13		RSF
Acrolophus texanella	MORRIS: Daingerfield SP	05-Jun-13		B/K
TINEIDAE				
Doleromorpha porphyria STATE RECORD	MORRIS: Daingerfield SP	01-Sep-85		ECK
Doleromorpha porphyria	LIBERTY: BITH: Menard Creek	02-May-13		MPG
Erechthias minuscula STATE RECORD	HARRIS: Spring Valley	07-May-13	17-May-13	ECK
Daviscardia coloradella STATE RECORD	SABINE: Six Mile	22-May-87		ECK
Daviscardia coloradella	MORRIS: Daingerfield SP	13-May-88		ECK
Tiquadra inscitella	Jefferson: Beaumont	21-Jul-13		CWB
PSYCHIDAE				
Cryptothelea gloverii	Jefferson: Beaumont	01-May-13		CWB
Cryptothelea nigrita	JEFFERSON: Beaumont	15-May-13		CWB
Astala confederata	HIDALGO: Alamo	27-Oct-13		B/K
Oiketicus abbotii	HIDALGO: Alamo	02-Dec-13		B/K
OECOPHORIDAE				
Antaeotricha humilis	MORRIS: Daingerfield SP	05-Jun-13		B/K
Antaeotricha leucillana	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Antaeotricha schlaegeri	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Antaeotricha schlaegeri	MORRIS: Daingerfield SP	05-Jun-13		B/K
Gonioterma crambitella	JOHNSON: Burleson	26-Aug-13		RSF
Pseuderotis obiterella	HOPKINS: Cooper Lake SP	07-Jun-13		B/K
Durrantia piperatella	HOPKINS: Cooper Lake SP	07-Jun-13		B/K
Martyringa xeraula STATE RECORD	HARRIS: Houston	25-Aug-81	20-May-13	ECK
ELACHISTIDAE				
Ethmia bittenella	Hidalgo: Alamo	23-Oct-13		B/K
Ethmia delliella	Hidalgo: Alamo	23-Oct-13		B/K
Ethmia hagenella	KERR: Kerrville	15-Mar-13		RSF
Ethmia hagenella	Uvalde: Concan	28-Sep-13		B/K
Ethmia hodgesella	MCLENNAN: Harris Creek	12-Jul-12		AG1
Ethmia hodgesella	Uvalde: Concan	28-Sep-13		B/K

Ethmia semilugens	KERR: Kerrville	15-Mar-13	RSF
Ethmia zelleriella	KERR: Kerrville	15-Mar-13	RSF
GELECHIIDAE			
Isophrictis magna	JOHNSON: Hamm Creek Park	17-Aug-13	RSF
Aristotelia devexella	EDWARDS: Camp Wood	14-Mar-13	TH4
STATE RECORD			
Aristotelia intermediella	JOHNSON: Burleson	20-Sep-13	RSF
Aristotelia salicifungiella	BRAZOS: College Station	17-Dec-13	JMC
Telphusa latifasciella	Hidalgo: Alamo	18-Nov-13	B/K
Deltophora sella	JOHNSON: Burleson	22-Oct-13	RSF
Gnorimoschema gallaesolidaginis	JOHNSON: Burleson	18-Nov-12	RSF
Chionodes powelli	JOHNSON: Burleson	29-Jul-13	RSF
Chionodes thoraceochrella	JOHNSON: Burleson	25-Aug-13	RSF
Fascista cercerisella	MORRIS: Daingerfield SP	05-Jun-13	B/K
Anacamptis coverdalella	JASPER: Martin Dies SP	02-Jun-13	B/K
Anacamptis tristrigella	JASPER: Martin Dies SP	02-Jun-13	B/K
Dichomeris georgiella	JASPER: Martin Dies SP	02-Jun-13	B/K
Dichomeris ventrella	EDWARDS: Camp Wood	04-Mar-13	TH4
Dichomeris ventrella	JOHNSON: Burleson	03-Jun-13	RSF
Dichomeris citrifoliella	DALLAS: Cedar Hill	21-Aug-13	MPG
Dichomeris nenia	Hidalgo: Alamo	18-Nov-13	B/K
BLASTOBASIDAE			
Blastobasis glandulella	MCLENNAN: Harris Creek	08-Feb-13	AG1
Blastobasis glandulella	Uvalde: Concan	28-Sep-13	B/K
COLEOPHORIDAE			
Coleophora discostrata	EDWARDS: Camp Wood	04-Mar-13	TH4
MOMPHIDAE			
Mompha bottimeri	ANDERSON: Gus Engling WMA	13-Apr-13	B/K
Mompha circumscriptella	JOHNSON: Burleson	25-Aug-13	RSF
Mompha murtfeldtella	JOHNSON: Burleson	04-Mar-13	RSF
Mompha rufocristatella	JOHNSON: Burleson	30-May-13	RSF
COSMOPTERIGIDAE			
Cosmopterix lespedezae	ANDERSON: Gus Engling WMA	12-Apr-13	B/K
SCYTHRIDIDAE			
Scythris trivinctella	BROOKS: Falfurrias	02-Nov-13	ECK
COPROMORPHIDAE			
Ellabella editha	EDWARDS: Camp Wood	04-Mar-13	TH4
YPONOMEUTIDAE			
Atteva aurea	Hidalgo: Alamo	18-Sep-12	CWB
Atteva aurea	MORRIS: Daingerfield SP	03-Jun-13	B/K
Atteva aurea	Uvalde: Concan	28-Sep-13	B/K
Atteva aurea	Brooks: Falfurrias	21-Oct-13	B/K
Atteva aurea	Kerr: Center Point	16-Nov-13	TBL
LYONETIIDAE			
Euprora argentiliniella	HARRIS: Spring Valley	28-Apr-13	ECK
HELIODINIDAE			
Aetole tripunctella	JOHNSON: Burleson	25-Aug-13	RSF
CRAMBIDAE			
Achyra bifidalis	Hidalgo: Alamo	04-Nov-13	B/K
Achyra rantalis	JASPER: Martin Dies SP	09-Apr-13	B/K
Achyra rantalis	ANDERSON: Gus Engling WMA	13-Apr-13	B/K
Achyra rantalis	MORRIS: Daingerfield SP	04-Jun-13	B/K
Achyra rantalis	Uvalde: Concan	28-Sep-13	B/K
Achyra rantalis	Hidalgo: Alamo	22-Oct-13	05-Dec-13 B/K
Aethiophysa lentiflualis	MORRIS: Daingerfield SP	04-Jun-13	B/K
Aethiophysa lentiflualis	HOPKINS: Cooper Lake SP	07-Jun-13	B/K
Anageshna primordialis	MORRIS: Daingerfield SP	04-Jun-13	B/K
Anania labeculalis	Hidalgo: Alamo	04-Nov-13	B/K

<i>Bicilia iarchasalis</i>	Hidalgo: Alamo	22-Oct-13		B/K
<i>Blepharomastix ranalis</i>	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
<i>Blepharomastix ranalis</i>	JASPER: Martin Dies SP	02-Jun-13		B/K
<i>Blepharomastix ranalis</i>	MORRIS: Daingerfield SP	04-Jun-13		B/K
<i>Blepharomastix ranalis</i>	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
<i>Blepharomastix ranalis</i>	Brooks: Falfurrias	21-Oct-13	02-Nov-13	B/K
<i>Blepharomastix ranalis</i>	Hidalgo: Alamo	22-Oct-13		B/K
<i>Chalcoela iphitalis</i>	SABINE: Six Mile	16-Mar-13		B/K
<i>Chalcoela iphitalis</i>	JOHNSON: Burlleson	05-May-13		RSF
<i>Chilo plejadellus</i>	Hidalgo: Alamo	22-Oct-13		B/K
<i>Colomychus talis</i>	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
<i>Colomychus talis</i>	KAUFMAN: CR 4017	01-Aug-13		JMC
<i>Conchylodes salamisalis</i>	Hidalgo: Alamo	24-Oct-13		B/K
<i>Condylorrhiza vestigialis</i>	BROOKS: Falfurrias	02-Nov-13		ECK
<i>Crambus albellus</i>	HARRISON: Caddo Lake SP	14-Jun-98		ECK
<i>Crambus albellus</i>	MORRIS: Daingerfield SP	02-Jun-13		B/K
<i>Crambus laqueatellus</i>	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
<i>Crambus laqueatellus</i>	MORRIS: Daingerfield SP	04-Jun-13		B/K
<i>Crambus multilinellus</i>	FREESTONE: 5 mi. W of Buffalo	29-Apr-78		ECK
STATE RECORD				
<i>Crambus multilinellus</i>	SABINE: Six Mile	22-May-87		ECK
<i>Crambus multilinellus</i>	SAN JACINTO: Double Lake	30-Apr-90		ECK
<i>Crambus quinquareatus</i>	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
<i>Desmia funeralis</i>	RUSK: 1 mi. S of Kilgore	02-Jun-78		CWB
<i>Desmia funeralis</i>	JASPER: Martin Dies SP	09-Apr-13	02-Jun-13	B/K
<i>Desmia funeralis</i>	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
<i>Desmia funeralis</i>	MORRIS: Daingerfield SP	04-Jun-13		B/K
<i>Desmia funeralis</i>	Hidalgo: Alamo	16-Nov-13		B/K
<i>Desmia subdivisalis</i>	JASPER: Martin Dies SP	09-Apr-13		B/K
<i>Desmia subdivisalis</i>	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
<i>Diacme elealis</i>	MORRIS: Daingerfield SP	04-Jun-13		B/K
<i>Diacme elealis</i>	Uvalde: Concan	28-Sep-13		B/K
<i>Diacme elealis</i>	Hidalgo: Alamo	23-Oct-13		B/K
<i>Diaphania costata</i>	MORRIS: Daingerfield SP	04-Jun-13		B/K
<i>Diaphania hyalinata</i>	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
<i>Diaphania hyalinata</i>	UVALDE: Concan	29-Sep-13		B/K
<i>Diaphania hyalinata</i>	Hidalgo: Alamo	22-Oct-13		B/K
<i>Diaphania indica</i>	Hidalgo: Alamo	22-Oct-13		B/K
<i>Diaphania modialis</i>	Hidalgo: Alamo	30-Oct-13		CWB
<i>Diaphania nitidalis</i>	ANDERSON: Gus Engling WMA	12-Apr-13		B/K
<i>Diastictis fracturalis</i>	Uvalde: Concan	28-Sep-13		B/K
<i>Diastictis fracturalis</i>	Brooks: Falfurrias	21-Oct-13		B/K
<i>Diastictis fracturalis</i>	Hidalgo: Alamo	23-Oct-13		B/K
<i>Diathrausta harlequinialis</i>	Uvalde: Concan	28-Sep-13		B/K
<i>Diatraea saccharalis</i>	Hidalgo: Alamo	22-Oct-13		B/K
<i>Dichogama colotha</i>	Hidalgo: Mission	24-Jun-13		MR2
<i>Dicymolomia julianalis</i>	JASPER: Martin Dies SP	02-Jun-13		B/K
<i>Eoreuma densella</i>	JOHNSON: Burlleson	25-Aug-13		RSF
<i>Eoreuma loftini</i>	Uvalde: Concan	30-Sep-13		B/K
<i>Eoreuma loftini</i>	Hidalgo: Alamo	22-Oct-13		B/K
<i>Euchromius ocellus</i>	Uvalde: Concan	30-Sep-13		B/K
<i>Euchromius ocellus</i>	Hidalgo: Alamo	22-Oct-13		B/K
<i>Eurrhparodes lygdamis</i>	Hidalgo: Alamo	04-Nov-13		B/K
<i>Fissicrambus profanellus</i>	Hidalgo: Alamo	22-Oct-13		B/K
<i>Geshna cannalis</i>	Hidalgo: Alamo	22-Oct-13		B/K
<i>Glaphyria cappsii</i>	MORRIS: Daingerfield SP	04-Jun-13		B/K
<i>Hahncappsia alpinensis</i>	Uvalde: Concan	28-Sep-13		B/K
<i>Herpetogramma bipunctalis</i>	Hidalgo: Alamo	04-Nov-13		B/K
<i>Hyalorista taeniolalis</i>	JEFFERSON: Beaumont	26-Jul-13		CWB

Hyalorista taeniolalis	Hidalgo: Alamo	25-Oct-13	27-Oct-13	B/K
Hydriris ornatalis	BROOKS: Falfurrias	02-Nov-13		ECK
Hileithia magualis	Uvalde: Concan	28-Sep-13		B/K
Hymenia perspectalis	Uvalde: Concan	28-Sep-13		B/K
Hymenia perspectalis	Hidalgo: Alamo	22-Oct-13		B/K
Hymenia perspectalis	BROOKS: Falfurrias	02-Nov-13		ECK
Lamprosema victoriae	Uvalde: Concan	28-Sep-13		B/K
Lamprosema victoriae	Brooks: Falfurrias	21-Oct-13		B/K
Lamprosema victoriae	Hidalgo: Alamo	22-Oct-13		B/K
Lamprosema canacealis	Brooks: Falfurrias	21-Oct-13		B/K
Lamprosema canacealis	Hidalgo: Alamo	24-Oct-13		B/K
Lineodes fontella	Hidalgo: Alamo	23-Oct-13		B/K
Lineodes integra	JEFFERSON: Beaumont	02-Dec-93		B/K
Lineodes integra	Uvalde: Concan	28-Sep-13		B/K
Lineodes integra	Hidalgo: Alamo	24-Oct-13	01-Nov-13	B/K
Lineodes interrupta	MORRIS: Daingerfield SP	04-Jun-13		B/K
Lineodes interrupta	Uvalde: Concan	28-Sep-13		B/K
Lineodes interrupta	Hidalgo: Alamo	23-Oct-13		B/K
Lineodes triangulalis	CAMERON: Brownsville	23-Oct-79		B/K
Lineodes triangulalis	Hidalgo: Alamo	24-Oct-13	01-Nov-13	B/K
Lipocosma polingi	Hidalgo: Alamo	04-Nov-13		B/K
Lipocosma sicalis	MORRIS: Daingerfield SP	04-Jun-13		B/K
Lipocosma sicalis	HOPKINS: Cooper Lake SP	07-Jun-13		B/K
Loxostege albiceralis	Terrell: Sanderson	28-Sep-80		ECK
Loxostege albiceralis	Cameron: Southmost	13-Sep-02		B/K
Loxostege albiceralis	Hidalgo: Alamo	25-Oct-13	04-Nov-13	B/K
Loxostege allectalis	Uvalde: Concan	28-Sep-13		B/K
Loxostege allectalis	Hidalgo: Alamo	24-Oct-13		B/K
Loxostege cereralis	JOHNSON: Burleson	04-Mar-13		RSF
Maracayia chlorialis	Hidalgo: Alamo	22-Oct-13		B/K
Microcrambus croesus	Uvalde: Concan	28-Sep-13		B/K
Microcrambus elegans	JASPER: Martin Dies SP	09-Apr-13		B/K
Microcrambus elegans	MORRIS: Daingerfield SP	04-Jun-13		B/K
Microcrambus elegans	BROOKS: Falfurrias	21-Oct-13		B/K
Microcrambus elegans	KLEBERG: Ricardo	21-Oct-13		B/K
Microcrambus kimballi	JASPER: Martin Dies SP	09-Apr-13		B/K
Microtheoris vibicalis	Hidalgo: Alamo	25-Oct-13		B/K
Mimoschinia rufofascialis novalis	KERR: Kerrville	15-Mar-13		RSF
Mimoschinia rufofascialis novalis	Uvalde: Concan	28-Sep-13		B/K
Mimoschinia rufofascialis novalis	Hidalgo: Alamo	25-Oct-13		B/K
Mimoschinia rufofascialis novalis	BROOKS: Falfurrias	02-Nov-13		ECK
Mimoschinia rufofascialis novalis	Hidalgo: Alamo	04-Nov-13		B/K
Munroeodes thalesalis	Hidalgo: Alamo	04-Nov-13		B/K
Munroessa gyralis	MORRIS: Daingerfield SP	04-Jun-13		B/K
Munroessa icciusalis	JASPER: Martin Dies SP	09-Apr-13		B/K
Nomophila nearctica	MORRIS: Daingerfield SP	04-Jun-13		B/K
Nomophila nearctica	Uvalde: Concan	29-Sep-13		B/K
Nomophila nearctica	Brooks: Falfurrias	21-Oct-13		B/K
Nomophila nearctica	Hidalgo: Alamo	22-Oct-13		B/K
Oenobotys vinotinctalis	Hidalgo: Alamo	04-Nov-13		B/K
Omiodes indicata	Hidalgo: Alamo	24-Oct-13		B/K
Ommatospila narcaeusalis	Hidalgo: Alamo	16-Nov-13		B/K
Ostrinia penitalis	JASPER: Martin Dies SP	09-Apr-13		B/K
Ostrinia penitalis	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Ostrinia penitalis	MORRIS: Daingerfield SP	04-Jun-13		B/K
Ostrinia penitalis	HOPKINS: Cooper Lake SP	07-Jun-13		B/K
Palpita freemanalis	MORRIS: Daingerfield SP	04-Jun-13		B/K
Palpita freemanalis	JOHNSON: Hamm Creek Park	17-Aug-13		RSF
Palpita freemanalis	Hidalgo: Alamo	22-Oct-13		B/K

Palpita gracilalis	KERR: Kerrville	15-Mar-13		RSF
Palpita gracilalis	JOHNSON: Burluson	16-May-13		RSF
Palpita gracilalis	Uvalde: Concan	28-Sep-13		B/K
Palpita gracilalis	Hidalgo: Alamo	23-Oct-13		B/K
Palpita magniferalis	JASPER: Martin Dies SP	09-Apr-13		B/K
Palpita quadristigmalis	JASPER: Martin Dies SP	02-Jun-13		B/K
Palpita quadristigmalis	Uvalde: Concan	28-Sep-13		B/K
Palpita quadristigmalis	Hidalgo: Alamo	22-Oct-13	28-Oct-13	B/K
Palpita quadristigmalis	BROOKS: Falfurrias	02-Nov-13		ECK
Parapediasia bolterella	Uvalde: Concan	28-Sep-13		B/K
Parapediasia teterrella	MCLENNAN: Harris Creek	07-May-13		AG1
Parapediasia teterrella	JASPER: Martin Dies SP	04-Jun-13		B/K
Parapoynx allionealis	JASPER: Martin Dies SP	09-Apr-13		B/K
Parapoynx allionealis	MORRIS: Daingerfield SP	04-Jun-13		B/K
Parapoynx maculalis	MORRIS: Daingerfield SP	04-Jun-13		B/K
Parapoynx obscuralis	Uvalde: Concan	28-Sep-13		B/K
Petrophila bifascialis	Uvalde: Concan	28-Sep-13		B/K
Petrophila daemonalis	Uvalde: Concan	28-Sep-13		B/K
Phlyctaenia coronata tertialis	MORRIS: Daingerfield SP	04-Jun-13		B/K
Phlyctaenia coronata tertialis	ANDERSON: CR 471	02-Aug-13		JMC
Pilocrocis ramentalis	BURNET: Inks Lake SP	27-Sep-86		ECK
Pilocrocis ramentalis	Uvalde: Concan	28-Sep-13		B/K
Pilocrocis ramentalis	Hidalgo: Alamo	22-Oct-13	01-Nov-13	B/K
Procybopteryx belialis	Uvalde: Concan	29-Sep-13		B/K
Procybopteryx belialis	Hidalgo: Alamo	01-Dec-13		B/K
Psara obscuralis	MORRIS: Daingerfield SP	04-Jun-13		B/K
Psara obscuralis	Hidalgo: Alamo	25-Oct-13		B/K
Pseudopyrausta santatalis	Uvalde: Concan	30-Sep-13		B/K
Pyrausta acronialis	BRAZOS: Hopes Creek Rd.	24-Jan-13		JMC
Pyrausta acronialis	MORRIS: Daingerfield SP	04-Jun-13		B/K
Pyrausta bicoloralis	MORRIS: Daingerfield SP	04-Jun-13		B/K
Pyrausta demantrialis	UVALDE: Concan	29-Sep-13		B/K
Pyrausta inornatalis	Uvalde: Concan	29-Sep-13		B/K
Pyrausta inornatalis	Hidalgo: Alamo	04-Nov-13		B/K
Pyrausta laticlavia	MCLENNAN: Harris Creek	05-Feb-13		AG1
Pyrausta laticlavia	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Pyrausta laticlavia	MORRIS: Daingerfield SP	04-Jun-13		B/K
Pyrausta nexalis	BRAZOS: Hopes Creek Rd.	07-Mar-13		JMC
Pyrausta pseuderonealis	MORRIS: Daingerfield SP	04-Jun-13		B/K
Pyrausta pseuderonealis	KAUFMAN: Becker	31-Jul-13		JMC
Pyrausta pseudonythesalis	KERR: Kerrville	15-Mar-13		RSF
Pyrausta pseudonythesalis	JOHNSON: Burluson	13-Sep-13		RSF
Pyrausta pseudonythesalis	Uvalde: Concan	28-Sep-13		B/K
Pyrausta rubricalis	JOHNSON: Burluson	22-Sep-13		RSF
Pyrausta signatalis	MCCLENNAN: Harris Creek	07-Apr-13		AG1
Pyrausta signatalis	Uvalde: Concan	29-Sep-13		B/K
Pyrausta subsequalis	Hidalgo: Alamo	25-Oct-13		B/K
Pyrausta tatalis	KERR: Kerrville	15-Mar-13		RSF
Pyrausta volupialis	JOHNSON: Burluson	22-Dec-12		RSF
Pyrausta volupialis	Uvalde: Concan	29-Sep-13		B/K
Pyrausta volupialis	BROOKS: Falfurrias	02-Nov-13		ECK
Samea druchasalis	Brooks: Falfurrias	21-Oct-13		B/K
Samea druchasalis	HIDALGO: Alamo	23-Oct-13		B/K
Salbia cassidalis	HIDALGO: Alamo	03-Dec-13		CWB
US RECORD				
Salbia haemorrhoidalis	BREWSTER: BIBE: Dugout Wells	28-Aug-95		B/K
Salbia haemorrhoidalis	Hidalgo: Alamo	24-Oct-13	04-Nov-13	B/K
Samea baccatalis	MORRIS: Daingerfield SP	04-Jun-13		B/K
Samea baccatalis	JOHNSON: Hamm Creek Park	17-Aug-13		RSF

Samea baccatalis	Uvalde: Concan	30-Sep-13		B/K
Samea baccatalis	Brooks: Falfurrias	21-Oct-13		B/K
Samea baccatalis	Hidalgo: Alamo	22-Oct-13		B/K
Samea ecclesialis	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Samea ecclesialis	MORRIS: Daingerfield SP	04-Jun-13		B/K
Samea ecclesialis	Brooks: Falfurrias	21-Oct-13		B/K
Samea ecclesialis	Hidalgo: Alamo	22-Oct-13		B/K
Samea multiplicalis	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Samea multiplicalis	MORRIS: Daingerfield SP	04-Jun-13		B/K
Samea multiplicalis	Brooks: Falfurrias	21-Oct-13		B/K
Samea multiplicalis	Hidalgo: Alamo	22-Oct-13		B/K
Sericoplaga externalis	HOPKINS: Cooper Lake SP	07-Jun-13		B/K
Sericoplaga externalis	JOHNSON: Burleson	26-Aug-13		RSF
Spoladea recurvalis	Uvalde: Concan	28-Sep-13		B/K
Spoladea recurvalis	Brooks: Falfurrias	21-Oct-13		B/K
Spoladea recurvalis	Hidalgo: Alamo	22-Oct-13		B/K
Stegea simplicialis	MORRIS: Daingerfield SP	04-Jun-13		B/K
Steniodes mendica	MCLENNAN: Harris Creek	27-Mar-13		AG1
Steniodes mendica	Hidalgo: Alamo	26-Oct-13		B/K
Synclita oblitalis	GREGG: Longview	04-Jun-78		CWB
Synclita oblitalis	RUSK: 1 mi. S of Kilgore	04-Jul-79		CWB
Synclita oblitalis	JASPER: Martin Dies SP	09-Apr-13		B/K
Synclita oblitalis	MORRIS: Daingerfield SP	04-Jun-13		B/K
Synclita oblitalis	HOPKINS: Cooper Lake SP	07-Jun-13		B/K
Synclita oblitalis	Hidalgo: Alamo	23-Oct-13	05-Dec-13	B/K
Synclita tinealis	HARRIS: Spring Valley	18-Apr-95		ECK
Synclita tinealis	JASPER: Martin Dies SP	09-Apr-13	02-Jun-13	B/K
Synclita tinealis	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Synclita tinealis	Brooks: Falfurrias	21-Oct-13		B/K
Synclita tinealis	Hidalgo: Alamo	23-Oct-13	05-Dec-13	B/K
Trischistognatha pyrenealis	Hidalgo: Mission	13-Jul-13		MR2
Udea octosignalis	Hidalgo: Alamo	23-Oct-13		B/K
Udea rubigalis	JASPER: Martin Dies SP	09-Apr-13		B/K
Udea rubigalis	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Udea rubigalis	MORRIS: Daingerfield SP	04-Jun-13		B/K
Udea rubigalis	Uvalde: Concan	28-Sep-13		B/K
Udea rubigalis	Brooks: Falfurrias	21-Oct-13		B/K
Udea rubigalis	Hidalgo: Alamo	22-Oct-13		B/K
Uresiphita reversalis	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Uresiphita reversalis	HOPKINS: Cooper Lake SP	07-Jun-13		B/K
Uresiphita reversalis	Uvalde: Concan	28-Sep-13		B/K
Uresiphita reversalis	Hidalgo: Alamo	22-Oct-13		B/K
Urola nivalis	GREGG: Longview	20-Apr-73		CWB
Urola nivalis	RUSK: 1 mi. S of Kilgore	02-Jun-78		CWB
Urola nivalis	JEFFERSON: Beaumont	21-Mar-13		CWB
Urola nivalis	JASPER: Martin Dies SP	09-Apr-13		B/K
Urola nivalis	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Urola nivalis	Uvalde: Concan	28-Sep-13		B/K
Urola nivalis	BROOKS: Falfurrias	21-Oct-13		B/K
Urola nivalis	Hidalgo: Alamo	22-Oct-13		B/K
PYRALIDAE				
Pseudocabotia balconiensis	Uvalde: Concan	28-Sep-13		B/K
Pyalis costiferalis	JASPER: Martin Dies SP	02-Jun-13		B/K
Pyalis manihotalis	HARRIS: Houston	29-Mar-13		MPG
STATE RECORD				
Parachma ochracealis	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Parachma ochracealis	JASPER: Martin Dies SP	02-Jun-13		B/K
Parachma ochracealis	MORRIS: Daingerfield SP	04-Jun-13		B/K
Galasa nigrinodis	JASPER: Martin Dies SP	09-Apr-13		B/K

Galasa nigrinodis	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Galasa nigrinodis	MORRIS: Daingerfield SP	04-Jun-13		B/K
Tosale aueta	Hidalgo: Alamo	02-Nov-13	05-Dec-13	B/K
Tosale oviplagalis	JEFFERSON: Beaumont	28-Mar-13		CWB
Salobrena sincera	Uvalde: Concan	28-Sep-13		B/K
Sciota celtidella	JEFFERSON: Beaumont	01-Mar-13		CWB
Sciota celtidella	MCLENNAN: Harris Creek	27-Mar-13		AG1
Sciota celtidella	Hidalgo: Alamo	18-Nov-13		B/K
Streptopalpia minusculalis	Hidalgo: Alamo	04-Nov-13		B/K
Arta olivalis	JASPER: Martin Dies SP	02-Jun-13		B/K
Arta olivalis	MORRIS: Daingerfield SP	04-Jun-13		B/K
Arta olivalis	Uvalde: Concan	29-Sep-13		B/K
Arta olivalis	Hidalgo: Alamo	24-Oct-13	02-Dec-13	B/K
Arta statalis	JASPER: Martin Dies SP	02-Jun-13		B/K
Epipaschia glastionalis	Hidalgo: Alamo	02-Nov-13		B/K
Epipaschia zelleri	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Cacozelia albomedialis	UVALDE: Concan	28-Sep-13		B/K
Tallula atrifascialis	MORRIS: Daingerfield SP	04-Jun-13		B/K
Tallula watsoni	Hidalgo: Alamo	27-Oct-13		B/K
Pococera baptisiella	TARRANT: Benbrook	30-Apr-78		ECK
Pococera baptisiella	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Pococera expandens	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Pococera expandens	MORRIS: Daingerfield SP	04-Jun-13		B/K
Pococera robustella	MORRIS: Daingerfield SP	04-Jun-13		B/K
Pococera scortealis	MCLENNAN: Harris Creek	28-Mar-13		AG1
Pococera subcanalis	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Alpheioides parvulalis	EDWARDS: Camp Wood	02-Mar-13		TH4
Deuterollyta majuscula	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
STATE RECORD				
Crocidomera imitata	Hidalgo: Alamo	18-Nov-13		B/K
Hypargyria slossonella	HIDALGO: Alamo	03-Dec-13		CWB
STATE RECORD				
Chararica hystriuclella	Uvalde: Concan	28-Sep-13		B/K
Myelopsis alatella	EDWARDS: Camp Wood	14-Mar-13		TH4
Amyelois transitella	EDWARDS: Camp Wood	30-Mar-13		TH4
Amyelois transitella	Hidalgo: Alamo	18-Nov-13		B/K
Atheloca subrufella	Hidalgo: Alamo	29-Nov-13		B/K
Zamagiria australella	Hidalgo: Alamo	01-Nov-13		B/K
Caristanius decoloralis	Uvalde: Concan	30-Sep-13		B/K
Salebriaria engeli	Hidalgo: Alamo	23-Oct-13		B/K
Salebriaria tenebrosella	JOHNSON: Burlison	26-Aug-13		RSF
Salebriaria integra	BRAZOS: Lick Creek Park	15-Jun-13		JMC
STATE RECORD				
Salebriaria squamopalpiella	KAUFMAN: CR 4017	01-Aug-13		JMC
Salebriaria turpidella	EDWARDS: Camp Wood	18-Mar-13		TH4
Quasisalebria admixta	JOHNSON: Hamm Creek Park	17-Aug-13		RSF
Actrix nyssaeolella	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Dioryctria clarioralis	JASPER: Martin Dies SP	09-Apr-13		B/K
Oryctometopia fossulatella	Hidalgo: Alamo	03-Dec-13		B/K
Sarata incanella	EL PASO: Hueco Tanks SP	12-Aug-91	29-Aug-06	B/K
STATE RECORD				
Adelphia petrella	Hidalgo: Alamo	13-Nov-13		B/K
Elasmopalpus lignosellus	Hidalgo: Alamo	18-Nov-13		B/K
Tacoma feriella	EDWARDS: Camp Wood	02-Mar-13		TH4
Tacoma feriella	JOHNSON: Burlison	12-Sep-13		RSF
Tacoma feriella	Hidalgo: Alamo	18-Nov-13		B/K
Macrorrhinia aureofasciella	JASPER: Martin Dies SP	09-Apr-13		B/K
Ocrasa nostralis	Hidalgo: Alamo	28-Oct-13		B/K
Dolichomia olinalis	JASPER: Martin Dies SP	02-Jun-13		B/K
Dolichomia olinalis	MORRIS: Daingerfield SP	04-Jun-13		B/K

<i>Patriciola semicana</i>	Hidalgo: Alamo	19-Nov-13	B/K
<i>Homoeosoma electellum</i>	JEFFERSON: Beaumont	01-Mar-13	CWB
<i>Homoeosoma electellum</i>	EDWARDS: Camp Wood	14-Mar-13	TH4
<i>Homoeosoma electellum</i>	MCCLENNAN: Harris Creek	15-Mar-13	AG1
<i>Homoeosoma electellum</i>	JASPER: Martin Dies SP	09-Apr-13	B/K
<i>Homoeosoma electellum</i>	ANDERSON: Gus Engling WMA	13-Apr-13	B/K
<i>Homoeosoma electellum</i>	Uvalde: Concan	30-Sep-13	B/K
<i>Homoeosoma electellum</i>	Hidalgo: Alamo	25-Oct-13	B/K
<i>Unadilla erronella</i>	Hidalgo: Alamo	04-Dec-13	B/K
<i>Laetilia coccidivora</i>	JEFFERSON: Beaumont	01-Mar-13	CWB
<i>Laetilia coccidivora</i>	MCCLENNAN: Harris Creek	15-Mar-13	AG1
<i>Laetilia coccidivora</i>	KERR: Kerrville	15-Mar-13	RSF
<i>Laetilia coccidivora</i>	Uvalde: Concan	28-Sep-13	B/K
<i>Welderella parvella</i>	Hidalgo: Alamo	04-Dec-13	B/K
<i>Olycella junctolineella</i>	Hidalgo: Alamo	05-Nov-13	B/K
<i>Ozamia clarefacta</i>	Hidalgo: Alamo	19-Nov-13	B/K
<i>Lascelina canens</i>	Hidalgo: Alamo	05-Dec-13	B/K
<i>Euzophera semifuneralis</i>	SABINE: Six Mile	16-Mar-13	B/K
<i>Euzophera semifuneralis</i>	JASPER: Martin Dies SP	09-Apr-13	B/K
<i>Ephesiodes monticolus</i>	EDWARDS: Camp Wood	02-Apr-13	TH4
<i>Moodna ostrinella</i>	JEFFERSON: Beaumont	04-Mar-13	15-Mar-13 CWB
<i>Moodna ostrinella</i>	JASPER: Martin Dies SP	09-Apr-13	B/K
<i>Moodna ostrinella</i>	MORRIS: Daingerfield SP	04-Jun-13	B/K
<i>Caudellia nigrella</i>	Hidalgo: Alamo	18-Nov-13	B/K
<i>Plodia interpunctella</i>	Hidalgo: Alamo	16-Nov-13	B/K
<i>Eurythmia hospitella</i>	JOHNSON: Burleson	30-Jul-13	RSF
<i>Barberia affinitella</i>	Hidalgo: Alamo	03-Dec-13	B/K
<i>Peoria longipalpella</i>	Uvalde: Concan	28-Sep-13	B/K
<i>Peoria opacella</i>	Uvalde: Concan	30-Sep-13	B/K
<i>Atascosa glareosella</i>	JOHNSON: Burleson	12-Oct-13	RSF
PTEROPHORIDAE			
<i>Geina montichristi</i>	Hidalgo: Alamo	01-Dec-13	B/K
<i>Geina periscelidactyla</i>	JOHNSON: Burleson	22-Sep-13	RSF
<i>Megalorrhypida leucodactylus</i>	Hidalgo: Alamo	03-Dec-13	B/K
<i>Stenoptilodes taprobanes</i>	Uvalde: Concan	28-Sep-13	B/K
<i>Oidaematophorus inquinatus</i>	JOHNSON: Burleson	17-Oct-13	RSF
<i>Oidaematophorus kelicottii</i>	Hidalgo: Alamo	23-Oct-13	B/K
<i>Oidaematophorus lacteodactylus</i>	JOHNSON: Burleson	01-Jun-13	RSF
<i>Oidaematophorus longifrons</i>	Uvalde: Concan	30-Sep-13	B/K
<i>Pselnophorus belfragei</i>	Uvalde: Concan	30-Sep-13	B/K
SESIIDAE			
<i>Cissuvora ampelopsis</i>	JOHNSON: Burleson	30-May-13	RSF
<i>Paranthrene asilipennis</i>	ANDERSON: Gus Engling WMA	13-Apr-13	B/K
<i>Paranthrene tabaniformis</i>	JOHNSON: Burleson	17-Apr-13	RSF
<i>Synanthedon acerni</i> VCB lure	Jefferson: Beaumont	01-Apr-13	CWB
<i>Synanthedon arkansasensis</i>	BRAZOS: Lick Creek Park	01-Jun-13	JMC
<i>Synanthedon decipiens</i>	FRANKLIN: IH-30 RA	05-Jun-13	B/K
<i>Synanthedon refulgens</i>	ANDERSON: Gus Engling WMA	13-Apr-13	B/K
<i>Synanthedon viburni</i>	ANDERSON: Palestine	13-Apr-13	B/K
STATE RECORD			
<i>Podosesia aureocincta</i>	ANDERSON: Gus Engling WMA	13-Apr-13	B/K
<i>Podosesia syringae</i>	HOPKINS: Cooper Lake SP	08-Jun-13	B/K
<i>Sannina uroceriformis</i>	MORRIS: Daingerfield SP	04-Jun-13	B/K
<i>Alcathoe autumnalis</i>	UVALDE: Concan	30-Sep-13	B/K
URODIDAE			
<i>Urodus parvula</i>	MORRIS: Daingerfield SP	03-Jun-13	B/K
ZYGAENIDAE			
<i>Harrisina americana</i>	JASPER: Angelina NF	10-Apr-13	B/K

LACTURIDAE

Lactura atrolinea	Hidalgo: Alamo	04-Nov-13	B/K
Lactura subfervens	MORRIS: Daingerfield SP	04-Jun-13	B/K
Lactura subfervens	HOPKINS: Cooper Lake SP	07-Jun-13	B/K

MEGALOPYGIDAE

Megalopyge opercularis	JASPER: Martin Dies SP	02-Jun-13	B/K
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COSSIDAE

Prionoxystus robiniae	MORRIS: Daingerfield SP	05-Jun-13	B/K
Prionoxystus robiniae	FRANKLIN: IH-30 RA	05-Jun-13	B/K
Prionoxystus robiniae	HOPKINS: Cooper Lake SP	07-Jun-13	B/K

LIMACODIDAE

Heterogenea shurtleffi	ANDERSON: CR 471	02-Aug-13	JMC
Lithacodes fasciola	JASPER: Martin Dies SP	09-Apr-13	B/K
Lithacodes fasciola	MORRIS: Daingerfield SP	04-Jun-13	B/K
Apoda biguttata	MORRIS: Daingerfield SP	04-Jun-13	B/K
Apoda biguttata	HOPKINS: Cooper Lake SP	07-Jun-13	B/K
Apoda rectilinea	JOHNSON: Hamm Creek Park	17-Aug-13	RSF
Apoda y-inversum	JASPER: Martin Dies SP	09-Apr-13	B/K
Apoda y-inversum	MORRIS: Daingerfield SP	04-Jun-13	B/K
Apoda y-inversum	HOPKINS: Cooper Lake SP	07-Jun-13	B/K
Prolimacodes badia	MORRIS: Daingerfield SP	04-Jun-13	B/K
Isa textula	JASPER: Martin Dies SP	02-Jun-13	B/K
Adoneta spinuloides	JASPER: Martin Dies SP	09-Apr-13	B/K
Adoneta spinuloides	MORRIS: Daingerfield SP	04-Jun-13	B/K
Monoleuca semifascia	JASPER: Martin Dies SP	02-Jun-13	B/K
Monoleuca semifascia	MORRIS: Daingerfield SP	04-Jun-13	B/K
Monoleuca semifascia	HOPKINS: Cooper Lake SP	07-Jun-13	B/K
Euclea delphinii	ANDERSON: Palestine	13-Apr-13	B/K
Euclea delphinii	MORRIS: Daingerfield SP	04-Jun-13	B/K
Euclea incisa	Uvalde: Concan	28-Sep-13	B/K
Acharia stimulea	MORRIS: Daingerfield SP	04-Jun-13	B/K

TORTRICIDAE

Bactra priapeia	BROOKS: Falfurrias	02-Nov-13	ECK
Bactra verutana	MORRIS: Daingerfield SP	04-Jun-13	B/K
Endopiza liri dendrana	MORRIS: Daingerfield SP	09-Aug-85	ECK
STATE RECORD			
Endopiza liri dendrana	TYLER: Kirby SF	12-Mar-94	B/K
Endopiza liri dendrana	POLK: BITH: Big Sandy Cr. Unit	27-May-95	B/K
Endopiza liri dendrana	HARRIS: Spring Valley	17-May-13	ECK
Lobesia viteana	MCLENNAN: Harris Creek	04-Mar-13	AG1
Endothenia hebesana	ANDERSON: Gus Engling WMA	13-Apr-13	B/K
Endothenia hebesana	MORRIS: Daingerfield SP	04-Jun-13	B/K
Endothenia microptera	JOHNSON: Burleson	23-Sep-13	RSF
Endothenia nubilana	JOHNSON: Burleson	28-Jul-13	RSF
Eumaroza malachitana	MORRIS: Daingerfield SP	04-Jun-13	B/K
Eumaroza malachitana	JOHNSON: Hamm Creek Park	16-Aug-13	RSF
Eumaroza malachitana	Uvalde: Concan	29-Sep-13	B/K
Eumaroza malachitana	Hidalgo: Alamo	23-Oct-13	B/K
Zomaria interruptolineana	JASPER: Martin Dies SP	09-Apr-13	B/K
Zomaria interruptolineana	ANDERSON: Gus Engling WMA	13-Apr-13	B/K
Phaecasiophora niveiguttana	JASPER: Martin Dies SP	02-Jun-13	B/K
Phaecasiophora niveiguttana	MORRIS: Daingerfield SP	04-Jun-13	B/K
Olethreutes tilianum	ANDERSON: Gus Engling WMA	16-Jun-84	ECK
STATE RECORD			
Olethreutes tilianum	MORRIS: Daingerfield SP	15-May-88	14-Jun-98 B/K
Petrova gemistrigulana	MORRIS: Daingerfield SP	04-Jun-13	B/K
Phaneta argutipunctana	ANDERSON: Gus Engling WMA	13-Apr-13	B/K
Phaneta cruentana	ANDERSON: Gus Engling WMA	13-Apr-13	B/K
Phaneta raracana	JOHNSON: Burleson	23-Sep-13	RSF

Phaneta umbrastriana	MORRIS: Daingerfield SP	04-Jun-13		B/K
Eucosma mescalerana	CULBERSON: GUMO: Ship on the Desert	23-Jun-89		ECK
STATE RECORD; det. DJW				
Eucosma comatulana	TRAVIS: Brackenridge Field Lab	21-Sep-99		DJW
leg. J. E. Gillasp; det. DJW				
Eucosma comatulana	JOHNSON: Burleson	13-Sep-13		RSF
Eucosma consobrinana	JOHNSON: Burleson	13-Sep-13		RSF
Eucosma fiskeana	TYLER: Kirby SF	15-Apr-99		B/K
STATE RECORD; det. DJW				
Eucosma fritillana	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Eucosma costastriata	HEMPHILL: Gene Howe WMA	28-Apr-81		ECK
STATE RECORD				
Eucosma sierrae	HIDALGO: Yturria NWR	05-Nov-00		B/K
det. DJW				
Pelochrista corosana	JOHNSON: Burleson	27-Aug-13		RSF
Pelochrista reversana	Uvalde: Concan	29-Sep-13		B/K
Pelochrista rorana	JOHNSON: Burleson	24-Sep-13		RSF
Pelochrista scintillana	HOPKINS: Cooper Lake SP	07-Jun-13		B/K
Epiblema desertana	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Epiblema scudderiana	KERR: Kerrville	15-Mar-13		RSF
Epiblema scudderiana	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Epiblema strenuana	MORRIS: Daingerfield SP	04-Jun-13		B/K
Suleima helianthana	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Suleima helianthana	JOHNSON: Burleson	27-Aug-13		RSF
Sonia paraplesiana	JOHNSON: Hamm Creek Park	16-Aug-13		RSF
Gypsonoma haimbachiana	JOHNSON: Hamm Creek Park	16-Aug-13		RSF
Pseudexentera knudsoni	EDWARDS: Camp Wood	18-Mar-13		TH4
Pseudexentera knudsoni	MCLENNAN: Harris Creek	03-Apr-13		AG1
Pseudexentera maracana	MCLENNAN: Harris Creek	02-Feb-13		AG1
Pseudexentera spoliana	MCLENNAN: Harris Creek	03-Mar-13		AG1
Epinotia celtisana	MCLENNAN: Harris Creek	02-Feb-13		AG1
Ancylys comptana	MORRIS: Daingerfield SP	04-Jun-13		B/K
Ancylys muricana	JASPER: Martin Dies SP	09-Apr-13		B/K
Ancylys platanana	MORRIS: Daingerfield SP	04-Jun-13		B/K
Phtheochroa hoffmanana	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Cydia caryana	JOHNSON: Burleson	24-Sep-13		RSF
Cydia erotella	Harris: Spring Valley	09-Mar-13		ECK
Cydia fahlbergiana	HIDALGO: Alamo	17-Nov-13	20-Nov-13	CWB
STATE RECORD				
Cydia latiferreanus	Uvalde: Concan	29-Sep-13		B/K
Cydia membrosa	Hidalgo: Alamo	21-Nov-13		B/K
Pseudogalleria inimicella	JEFFERSON: Beaumont	04-Mar-13		CWB
Pseudogalleria inimicella	JOHNSON: Hamm Creek Park	16-Aug-13		RSF
Anopina internacionana	CULBERSON: GUMO: Dog Canyon	28-May-90		ECK
STATE RECORD				
Argyrotaenia hodgesi	JASPER: Martin Dies SP	09-Apr-13		B/K
Argyrotaenia quercifoliana	JASPER: Martin Dies SP	09-Apr-13		B/K
Argyrotaenia tabulana	JASPER: Martin Dies SP	09-Apr-13		B/K
Choristoneura fractivittana	JASPER: Martin Dies SP	09-Apr-13		B/K
Ptycholoma peritana	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Ptycholoma peritana	JASPER: Martin Dies SP	02-Jun-13		B/K
Ptycholoma peritana	MORRIS: Daingerfield SP	04-Jun-13		B/K
Ptycholoma peritana	HOPKINS: Cooper Lake SP	07-Jun-13		B/K
Ptycholoma virescana	EDWARDS: Camp Wood	18-Mar-13		TH4
Ptycholoma virescana	JOHNSON: Burleson	23-Sep-13		RSF
Eugnosta bimaculana	JOHNSON: Burleson	25-Aug-13		RSF
Sparganothis lentiginosana	JASPER: Martin Dies SP	09-Apr-13		B/K
Sparganothis lentiginosana	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Sparganothis lentiginosana	MORRIS: Daingerfield SP	04-Jun-13		B/K
Platynota flavedana	Jefferson: Beaumont	09-Mar-13		CWB
Platynota flavedana	JASPER: Martin Dies SP	09-Apr-13		B/K

Platynota flavedana	MORRIS: Daingerfield SP	04-Jun-13		B/K
Platynota flavedana	Hidalgo: Alamo	23-Oct-13		B/K
Aethes seriatana	ANDERSON: Gus Engling WMA	13-Mar-13		B/K
Aethes seriatana	JOHNSON: Burleson	23-Sep-13		RSF
Eugnosta deceptana	MCLENNAN: Harris Creek	04-Mar-13		AG1
URANIIDAE				
Urania fulgens	BROOKS: FM 385	21-Oct-13		CWB
EIPLEMIDAE				
Antiplecta triangularis	Hidalgo: Alamo	04-Nov-13		B/K
GEOMETRIDAE				
Eumacaria madopata	MCLENNAN: Harris Creek	04-Mar-13		AG1
Macaria aemulataria	KERR: Kerrville	15-Mar-13		RSF
Macaria aemulataria	JASPER: Martin Dies SP	09-Apr-13		B/K
Macaria aemulataria	Uvalde: Concan	30-Sep-13		B/K
Macaria aequiferaria	JASPER: Martin Dies SP	09-Apr-13		B/K
Macaria aequiferaria	Uvalde: Concan	28-Sep-13		B/K
Macaria deceptrix	Hidalgo: Alamo	23-Oct-13		B/K
Macaria graphidaria	BURNET: Inks Lake SP	27-Sep-86		ECK
Macaria graphidaria	ZAVALLA: Crystal City	26-Mar-93		B/K
Macaria graphidaria	Uvalde: Concan	28-Sep-13		B/K
Macaria graphidaria	Brooks: Falfurrias	21-Oct-13	02-Nov-13	B/K
Macaria graphidaria	Hidalgo: Alamo	22-Oct-13		B/K
Macaria grossbecki	Hidalgo: Alamo	23-Oct-13		B/K
Macaria multilineata	JASPER: Martin Dies SP	09-Apr-13		B/K
Psamatodes abydata	Uvalde: Concan	28-Sep-13		B/K
Psamatodes abydata	Hidalgo: Alamo	22-Oct-13		B/K
Psamatodes abydata	BROOKS: Falfurrias	02-Nov-13		ECK
Psamatodes atrimacularia	NUECES: N. Padre Island	23-Apr-95		B/K
Psamatodes atrimacularia	Hidalgo: Alamo	23-Oct-13	02-Nov-13	B/K
Macaria pustularia	MORRIS: Daingerfield SP	04-Jun-13		B/K
Macaria transitaria	JASPER: Martin Dies SP	09-Apr-13		B/K
Macaria transitaria	MORRIS: Daingerfield SP	04-Jun-13		B/K
Macaria varadaria	VAN ZANDT: Grand Saline	03-Aug-13		JMC
Digrammia atrofasciata	Uvalde: Concan	28-Sep-13		B/K
Digrammia colorata	Uvalde: Concan	30-Sep-13		B/K
Digrammia continuata	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Digrammia continuata	MORRIS: Daingerfield SP	04-Jun-13		B/K
Digrammia continuata	JOHNSON: Burleson	26-Aug-13		RSF
Digrammia delectata	Uvalde: Concan	28-Sep-13		B/K
Digrammia gnophosaria	MCLENNAN: Harris Creek	02-Apr-13		AG1
Digrammia gnophosaria	Hidalgo: Alamo	23-Oct-13		B/K
Rindgea cyda	Uvalde: Concan	28-Sep-13		B/K
Rindgea cyda	Kleberg: Ricardo	21-Oct-13		ECK
Rindgea cyda	Brooks: Falfurrias	21-Oct-13		B/K
Rindgea cyda	Hidalgo: Alamo	22-Oct-13	05-Dec-13	B/K
Rindgea disparcata	Uvalde: Concan	28-Sep-13		B/K
Rindgea disparcata	BROOKS: Falfurrias	02-Nov-13		ECK
Rindgea flaviterminata	Hidalgo: Alamo	22-Oct-13		B/K
Rindgea nigricomma	Starr: Roma	23-Oct-89		ECK
Rindgea nigricomma	Uvalde: Concan	28-Sep-13		B/K
Rindgea nigricomma	Hidalgo: Alamo	22-Oct-13	05-Dec-13	B/K
Rindgea s-signata	DONLEY: Clarendon	01-Jul-78		ECK
Rindgea s-signata	Brooks: Falfurrias	21-Oct-13		B/K
Rindgea s-signata	Hidalgo: Alamo	22-Oct-13	05-Dec-13	B/K
Rindgea subminiata	Hidalgo: Alamo	22-Oct-13		B/K
Psamatodes pallidata	Hidalgo: Alamo	03-Dec-13		B/K
Enconista dislocaria	Jefferson: Beaumont	01-Mar-13	22-Mar-13	CWB
Enconista dislocaria	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Enconista dislocaria	Hidalgo: Alamo	22-Oct-13		B/K

Hypomecis umbrosaria	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Pimaphera percata	MORRIS: Daingerfield SP	04-Jun-13		B/K
Glenoides texanaria	Uvalde: Concan	28-Sep-13		B/K
Glena cribrataria	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Glena furfuraria minor	JOHNSON: Hamm Creek Park	17-Aug-13		RSF
Glena quinquelinearia	EDWARDS: Camp Wood	02-Mar-13		TH4
Exelis ophiurus	Uvalde: Concan	28-Sep-13		B/K
Tornos abjectarius	BROOKS: Falfurrias	02-Nov-13		ECK
Tornos scolopacinaris	HARRIS: Bellaire	20-Jul-83		ECK
Tornos scolopacinaris	JASPER: Jasper	09-Mar-13		CWB
Tornos scolopacinaris	JEFFERSON: Beaumont	22-Mar-13		CWB
Tornos scolopacinaris	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Tornos scolopacinaris	MORRIS: Daingerfield SP	04-Jun-13		B/K
Tornos scolopacinaris	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Tornos scolopacinaris	Uvalde: Concan	29-Sep-13	02-Nov-13	B/K
Tornos scolopacinaris	Brooks: Falfurrias	21-Oct-13		B/K
Tornos scolopacinaris	Hidalgo: Alamo	22-Oct-13		B/K
Anacamptodes defectaria	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Anacamptodes defectaria	JASPER: Martin Dies SP	02-Jun-13		B/K
Anacamptodes defectaria	MORRIS: Daingerfield SP	04-Jun-13		B/K
Anacamptodes defectaria	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Anacamptodes defectaria	Uvalde: Concan	29-Sep-13		B/K
Anacamptodes gemella	Hidalgo: Alamo	04-Nov-13		B/K
Anavitrinella astrigaria	Uvalde: Concan	29-Sep-13		B/K
Anavitrinella astrigaria	Hidalgo: Alamo	02-Nov-13		B/K
Anavitrinella pampinaria	MORRIS: Daingerfield SP	04-Jun-13		B/K
Anavitrinella pampinaria	BROOKS: Falfurrias	21-Oct-13	02-Nov-13	B/K
Cleora sublunaria	JEFFERSON: Beaumont	10-Mar-13		CWB
Cleora sublunaria	SABINE: Six Mile	16-Mar-13		B/K
Cleora sublunaria	NEWTON: Newton	17-Mar-13		B/K
Cleora sublunaria	JASPER: Martin Dies SP	09-Apr-13		B/K
Epimecis hortaria	MORRIS: Daingerfield SP	04-Jun-13		B/K
Melanochroia chephise	Calhoun: Port O'Connor	26-Dec-05		B/K
Melanochroia chephise	Brooks: Falfurrias	21-Oct-13	02-Nov-13	B/K
Melanochroia chephise	Hidalgo: Alamo	23-Oct-13		B/K
Melanochroia chephise	Kerr: Center Point	16-Nov-13		TBL
Melanolophia canadaria	JASPER: Martin Dies SP	02-Jun-13		B/K
Melanolophia imperfectaria	Hidalgo: Alamo	19-Nov-13		B/K
Hypagyrtis esther	JASPER: Martin Dies SP	02-Jun-13		B/K
Hypagyrtis unipunctata	JASPER: Martin Dies SP	09-Apr-13		B/K
Hypagyrtis unipunctata	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Phigalia strigataria	MCLENNAN: Harris Creek	03-Feb-13		AG1
Phigalia titea	MCLENNAN: Harris Creek	01-Feb-13		AG1
Paleacrita merriccata	BRAZOS: Hopes Creek Rd.	24-Jan-13		JMC
Paleacrita vernata	MCLENNAN: Harris Creek	02-Feb-13		AG1
Hemimorina dissociata	Uvalde: Concan	28-Sep-13		B/K
Holochroa dissociaria	Uvalde: Concan	28-Sep-13		B/K
Chloraspilates bicoloraria	Uvalde: Concan	29-Sep-13		B/K
Chloraspilates bicoloraria	Brooks: Falfurrias	21-Oct-13		B/K
Chloraspilates bicoloraria	Hidalgo: Alamo	22-Oct-13		B/K
Erastria cruentaria	MORRIS: Daingerfield SP	04-Jun-13		B/K
Erastria decrepitaria esperanza	Uvalde: Concan	28-Sep-13		B/K
Erastria decrepitaria esperanza	BROOKS: Falfurrias	02-Nov-13		ECK
Erastria decrepitaria esperanza	Hidalgo: Alamo	06-Nov-13		B/K
Pterosoda nigrescens	Uvalde: Concan	28-Sep-13		B/K
Thysanopyga intractata	JASPER: Martin Dies SP	09-Apr-13		B/K
Thysanopyga intractata	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Episemasia cervinaria	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Episemasia cervinaria	MORRIS: Daingerfield SP	04-Jun-13		B/K

Episemasia cervinaria	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Episemasia solitaria	SABINE: Six Mile	16-Mar-13		B/K
Episemasia solitaria	JASPER: Martin Dies SP	09-Apr-13		B/K
Episemasia solitaria	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Euchlaena amoenaria	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Euchlaena amoenaria	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Euchlaena deplanaria	JOHNSON: Hamm Creek Park	16-Aug-13		RSF
Euchlaena obtusaria	JASPER: Martin Dies SP	09-Apr-13		B/K
Euchlaena obtusaria	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Euchlaena pectinaria	SABINE: Six Mile	16-Mar-13		B/K
Euchlaena pectinaria	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Pero anctetaria	MORRIS: Daingerfield SP	04-Jun-13		B/K
Pero astapa	Starr: Roma	18-Sep-95		B/K
Pero astapa	Hidalgo: Alamo	22-Oct-13		B/K
Pero meskaria	FORT BEND: Brazos Bend SP	12-Jun-88		ECK
Pero meskaria	Uvalde: Concan	29-Sep-13		B/K
Pero meskaria	Brooks: Falfurrias	21-Oct-13	02-Nov-13	B/K
Pero meskaria	Hidalgo: Alamo	23-Oct-13		B/K
Pero radiosaria	BREWSTER: BIBE: Chisos Basin	30-May-08		B/K
Pero radiosaria	Uvalde: Concan	29-Sep-13		B/K
Pero radiosaria	Hidalgo: Alamo	22-Oct-13		B/K
Pero zalissaria	CALDWELL: Luling	25-Mar-00		B/K
Pero zalissaria	JASPER: Martin Dies SP	09-Apr-13		B/K
Pero zalissaria	Brooks: Falfurrias	21-Oct-13		B/K
Pero zalissaria	Hidalgo: Alamo	22-Oct-13		B/K
Nacophora quernaria	SABINE: Six Mile	16-Mar-13		B/K
Nacophora quernaria	Uvalde: Concan	28-Sep-13		B/K
Tacparia zalissaria	JASPER: Martin Dies SP	09-Apr-13		B/K
Metanema inatomaria	MCLENNAN: Harris Creek	19-May-13		AG1
Metarranthis duaria	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Lychnosea intermicata	GONZALES: Palmetto SP	04-May-80		ECK
Lychnosea intermicata	JOHNSON: Burleson	04-Jun-13		RSF
Lychnosea intermicata	MORRIS: Daingerfield SP	04-Jun-13		B/K
Lychnosea intermicata	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Lychnosea intermicata	Hidalgo: Alamo	18-Nov-13	19-Nov-13	B/K
Nepytia semiclusaria	JASPER: Martin Dies SP	02-Jun-13		B/K
Nepytia semiclusaria	MORRIS: Daingerfield SP	04-Jun-13		B/K
Plataea blanchardaria	Uvalde: Concan	28-Sep-13		B/K
Eusarca confusaria	MORRIS: Daingerfield SP	04-Jun-13		B/K
Eusarca fundaria	JASPER: Martin Dies SP	09-Apr-13		B/K
Eusarca fundaria	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Eusarca packardaria	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Eusarca subflavaria	Hidalgo: Alamo	04-Nov-13		B/K
Synaxis triangulata	Uvalde: Concan	30-Sep-13		B/K
Tetracis crocallata	JASPER: Martin Dies SP	02-Jun-13		B/K
Tetracis crocallata	MORRIS: Daingerfield SP	04-Jun-13		B/K
Eutrapela clemataria	HARRIS: Spring Valley	20-Apr-11		B/K
Eutrapela clemataria	JASPER: Martin Dies SP	09-Apr-13	02-Jun-13	B/K
Eutrapela clemataria	MORRIS: Daingerfield SP	04-Jun-13		B/K
Eutrapela clemataria	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Oxydia vesulia	Hidalgo: Santa Ana NWR	25-Oct-13		MR2
Patalene olyzonaria females oviposited on Juniperus chinensis.	Jefferson: Beaumont	09-Mar-13	01-May-13	CWB
Prochoerodes olivata	Hidalgo: Alamo	04-Nov-13		B/K
Prochoerodes lineola	HARRIS: Spring Valley	23-Apr-95		ECK
Prochoerodes lineola	JASPER: Martin Dies SP	09-Apr-13	02-Jun-13	B/K
Prochoerodes lineola	MORRIS: Daingerfield SP	04-Jun-13		B/K
Prochoerodes lineola	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Prochoerodes lineola	MCLENNAN: Harris Creek	09-Jun-13		AG1

<i>Nematocampa resistaria</i>	MCLENNAN: Harris Creek	13-May-13	AG1
<i>Nemoria elfa</i>	KERR: Kerrville	15-Mar-13	RSF
<i>Nemoria elfa</i>	JASPER: Martin Dies SP	09-Apr-13	B/K
<i>Nemoria elfa</i>	Brooks: Falfurrias	21-Oct-13	B/K
<i>Nemoria elfa</i>	Hidalgo: Alamo	22-Oct-13	B/K
<i>Nemoria zygotaria</i>	Uvalde: Concan	28-Sep-13	B/K
<i>Synchlora aerata</i>	JASPER: Martin Dies SP	09-Apr-13	B/K
<i>Synchlora aerata</i>	MORRIS: Daingerfield SP	04-Jun-13	B/K
<i>Synchlora frondaria</i>	HARRIS: Spring Valley	16-Oct-11	ECK
<i>Synchlora frondaria</i>	Brooks: Falfurrias	21-Oct-13	B/K
<i>Synchlora frondaria</i>	Hidalgo: Alamo	22-Oct-13	01-Nov-13 B/K
<i>Synchlora irregularia</i>	Brooks: Falfurrias	21-Oct-13	B/K
<i>Synchlora irregularia</i>	Hidalgo: Alamo	22-Oct-13	B/K
<i>Chlorochlamys chloroleucaria</i>	ANDERSON: Gus Engling WMA	13-Apr-13	B/K
<i>Chlorochlamys chloroleucaria</i>	MORRIS: Daingerfield SP	04-Jun-13	B/K
<i>Chlorochlamys chloroleucaria</i>	HOPKINS: Cooper Lake SP	06-Jun-13	B/K
<i>Chlorochlamys chloroleucaria</i>	Hidalgo: Alamo	01-Nov-13	B/K
<i>Chlorochlamys phyllinaria</i>	Brooks: Falfurrias	21-Oct-13	B/K
<i>Chlorochlamys phyllinaria</i>	Hidalgo: Alamo	22-Oct-13	B/K
<i>Hethemia pistasciaria</i>	VAN ZANDT: CR 4106	09-Mar-13	JMC
<i>Hethemia pistasciaria</i>	Jefferson: Beaumont	22-Mar-13	CWB
<i>Euacidalia quakerata</i>	Hidalgo: Alamo	02-Dec-13	B/K
<i>Euacidalia sericearia</i>	Uvalde: Concan	28-Sep-13	B/K
<i>Lobocleta ossularia</i>	MORRIS: Daingerfield SP	04-Jun-13	B/K
<i>Lobocleta ossularia</i>	Hidalgo: Alamo	18-Nov-13	B/K
<i>Lobocleta plemyraria</i>	Hidalgo: Alamo	29-Nov-13	B/K
<i>Idaea demissaria</i>	JASPER: Martin Dies SP	02-Jun-13	B/K
<i>Idaea demissaria</i>	MORRIS: Daingerfield SP	04-Jun-13	B/K
<i>Idaea demissaria</i>	HOPKINS: Cooper Lake SP	06-Jun-13	B/K
<i>Idaea demissaria</i>	Uvalde: Concan	30-Sep-13	B/K
<i>Idaea furciferata</i>	JASPER: Martin Dies SP	02-Jun-13	B/K
<i>Idaea furciferata</i>	MORRIS: Daingerfield SP	04-Jun-13	B/K
<i>Idaea furciferata</i>	HOPKINS: Cooper Lake SP	06-Jun-13	B/K
<i>Idaea occidentaria</i>	Uvalde: Concan	30-Sep-13	B/K
<i>Idaea scintillularia</i>	Hidalgo: Alamo	04-Nov-13	B/K
<i>Idaea tacturata</i>	MORRIS: Daingerfield SP	04-Jun-13	B/K
<i>Odontoptila obrimo</i>	BROOKS: Falfurrias	21-Oct-13	CWB
<i>Pleuroprucha insulsaria</i>	Uvalde: Concan	28-Sep-13	B/K
<i>Pleuroprucha insulsaria</i>	Hidalgo: Alamo	04-Nov-13	B/K
<i>Cyclophora nanaria</i>	MORRIS: Daingerfield SP	04-Jun-13	B/K
<i>Cyclophora nanaria</i>	Hidalgo: Alamo	06-Nov-13	B/K
<i>Cyclophora packardi</i>	MORRIS: Daingerfield SP	04-Jun-13	B/K
<i>Cyclophora packardi</i>	JOHNSON: Burlison	23-Sep-13	RSF
<i>Semaeopus cantona</i>	Hidalgo: Alamo	02-Nov-13	B/K
<i>Semaeopus marginata</i>	Cameron: Sabal Palm Grove Sanctuary	11-Oct-13	MAQ
<i>Semaeopus marginata</i>	Hidalgo: Alamo	04-Nov-13	B/K
<i>Acratodes suavata</i>	Hidalgo: Alamo	04-Nov-13	B/K
<i>Scopula benitaria</i>	Hidalgo: Alamo	18-Nov-13	B/K
<i>Scopula calotis</i>	CASS: Linden	09-Aug-58	CVC
	US RECORD: found in CNC, leg. H.F. Howden		
<i>Scopula compensata</i>	BRAZOS: Hopes Creek Rd.	24-Jan-13	JMC
<i>Scopula compensata</i>	Uvalde: Concan	28-Sep-13	B/K
<i>Scopula compensata</i>	BROOKS: Falfurrias	02-Nov-13	ECK
<i>Scopula limboundata</i>	MORRIS: Daingerfield SP	04-Jun-13	B/K
<i>Scopula umbilicata</i>	Uvalde: Concan	28-Sep-13	B/K
<i>Scopula umbilicata</i>	Hidalgo: Alamo	01-Nov-13	B/K
<i>Scopula umbilicata</i>	BROOKS: Falfurrias	02-Nov-13	ECK
<i>Leptostales ferruminaria</i>	MCLENNAN: Harris Creek	13-May-13	AG1
<i>Leptostales ferruminaria</i>	HOPKINS: Cooper Lake SP	06-Jun-13	B/K

Leptostales pannaria	JOHNSON: Burleson	28-Aug-13		RSF
Leptostales pannaria	Hidalgo: Alamo	01-Nov-13		B/K
Eulithis diversilineata	MORRIS: Daingerfield SP	04-Jun-13		B/K
Eulithis gracilineata	JASPER: Martin Dies SP	02-Jun-13		B/K
Eulithis gracilineata	MORRIS: Daingerfield SP	04-Jun-13		B/K
Hydria prunivorata	SABINE: Six Mile	16-Mar-13		B/K
Archirhoe neomexicana	BRAZOS: Hopes Creek Rd.	07-Mar-13		JMC
Archirhoe neomexicana	KERR: Kerrville	15-Mar-13		RSF
Archirhoe neomexicana	Uvalde: Concan	29-Sep-13		B/K
Hammaptera parinotata	JOHNSON: Hamm Creek Park	17-Aug-13		JMC
Hammaptera parinotata	Hidalgo: Alamo	04-Nov-13		B/K
Anticlea multiferata	JASPER: Martin Dies SP	09-Apr-13		B/K
Stamnodes n. sp.	Uvalde: Concan	29-Sep-13		B/K
Orthonama centrostrigaria	Jefferson: Beaumont	01-Mar-13	19-Mar-13	CWB
Orthonama centrostrigaria	JASPER: Martin Dies SP	02-Jun-13		B/K
Orthonama centrostrigaria	MORRIS: Daingerfield SP	04-Jun-13		B/K
Orthonama obstipata	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Orthonama obstipata	MORRIS: Daingerfield SP	04-Jun-13		B/K
Orthonama obstipata	Uvalde: Concan	28-Sep-13		B/K
Eubaphe meridiana	JASPER: Martin Dies SP	02-Jun-13		B/K
Eubaphe unicolor	MCLENNAN: Harris Creek	08-Mar-13		AG1
Eubaphe unicolor	Uvalde: Concan	29-Sep-13		B/K
Eubaphe unicolor	Hidalgo: Alamo	04-Nov-13	20-Nov-13	B/K
Eupithecia bolterii	MCLENNAN: Harris Creek	03-Mar-13		AG1
Eupithecia jejunata	EDWARDS: Camp Wood	02-Mar-13		TH4
Eupithecia longidens	EDWARDS: Camp Wood	02-Mar-13		TH4
Eupithecia miserulata	JEFFERSON: Beaumont	22-Mar-13		CWB
Eupithecia miserulata	JASPER: Martin Dies SP	09-Apr-13		B/K
Eupithecia miserulata	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Eupithecia miserulata	MORRIS: Daingerfield SP	04-Jun-13		B/K
Eupithecia miserulata	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Eupithecia miserulata	Uvalde: Concan	30-Sep-13		B/K
Dyspteris abortivaria	JASPER: Martin Dies SP	09-Apr-13		B/K
DREPANIDAE				
Eudeilinia herminiata	AUSTIN: SF Austin SP	08-Sep-77		ECK
STATE RECORD				
Eudeilinia herminiata	JEFFERSON: Beaumont	23-Jul-97		CWB
Eudeilinia herminiata	LIBERTY: Trinity River NWR	13-Aug-13		SM3
Oreta rosea	Jefferson: Beaumont	11-May-13		CWB
APATELODIDAE				
Apatelodes torrefacta	GREGG: Longview	18-Aug-71		CWB
Apatelodes torrefacta	JASPER: Martin Dies SP	02-Jun-13		B/K
LASIOCAMPIDAE				
Tolyte mayelisiae	STARR: Rio Grande City	15-Nov-07		LCK
apparently the 1st male specimen known to science (types are all females).				
Apotolyte blanchardi	Hidalgo: Alamo	04-Nov-13		B/K
Apotolyte brevicrista	STARR: Falcon Heights	31-Jan-13	15-Feb-13	BN1
Apotolyte brevicrista	KINNEY: Brackettville	04-Feb-13		TBL
Artace cribraria	JASPER: Martin Dies SP	02-Jun-13		B/K
Malacosoma disstria	MORRIS: Daingerfield SP	04-Jun-13		B/K
SATURNIIDAE				
Sphingicampa bisecta	BRAZOS: Hopes Creek Rd.	09-Sep-13		JMC
Sphingicampa heiligbrodti	Bastrop: Utley	03-Oct-13		TBL
Dryocampa rubicunda	MORRIS: Daingerfield SP	04-Jun-13		B/K
Anisota virginiensis	MORRIS: Daingerfield SP	04-Jun-13		B/K
Hemileuca maia	Jefferson: Beaumont	16-Apr-13		CWB
larvae on Quercus falcata; reared to adults.				
Automeris io	Hidalgo: Alamo	19-Oct-12		CWB
Automeris io	WEBB: Casa Blanca SP	15-Mar-13		TBL
1st instar larvae "on Coyotillo."				

Antheraea polyphemus	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Antheraea polyphemus	MORRIS: Daingerfield SP	04-Jun-13		B/K
Actias luna	Jasper: Martin Dies SP	09-Apr-13		B/K
Actias luna	Anderson: Gus Engling WMA	13-Apr-13		B/K
Rothschildia lebeau forbesi larva on Zanthoxylum, reared to adult.	Hidalgo: Alamo	15-Nov-13		RWB
Callosamia promethea	Sabine: Six Mile	16-Mar-13		B/K
Callosamia promethea	Jefferson: Beaumont	31-Mar-13		CWB
Callosamia promethea	Jasper: Martin Dies SP	09-Apr-13		B/K
Callosamia promethea	Anderson: Gus Engling WMA	12-Apr-13		B/K
SPHINGIDAE				
Agrius cingulata	UVALDE: Concan	01-Oct-13		B/K
Manduca lanuginosa 2nd US RECORD	UVALDE: Concan	02-Oct-13		ECK
Manduca quinquemaculatus	Hidalgo: Alamo	12-Oct-12		CWB
Manduca quinquemaculatus	HAYS: "Western Hays Co."	23-Mar-13		TBL
Manduca quinquemaculatus	Uvalde: Concan	28-Sep-13		B/K
Manduca rustica	Hidalgo: Alamo	19-Oct-12	01-Nov-13	CWB
Manduca rustica	Uvalde: Concan	29-Sep-13		B/K
Manduca sexta	Hidalgo: Alamo	13-Oct-12		CWB
Manduca sexta	Uvalde: Concan	28-Sep-13		B/K
Dolba hyloeus	Anderson: Gus Engling WMA	12-Apr-13		B/K
Ceratomia catalpae	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Ceratomia hageni	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Ceratomia hageni	MCLENNAN: Harris Creek	07-Oct-13		AG1
Ceratomia undulosa	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Ceratomia undulosa	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Isoparce cupressi	Jasper: Martin Dies SP	09-Apr-13		B/K
Isoparce cupressi	ANDERSON: Palestine	13-Apr-13		B/K
Sphinx dollii	Kerr: Center Point	15-Mar-13		JMC
Paonias excaecata	JASPER: Martin Dies SP	09-Apr-13		B/K
Paonias excaecata	Anderson: Gus Engling WMA	12-Apr-13		B/K
Paonias myops	JASPER: Martin Dies SP	09-Apr-13		B/K
Laothoe juglandis	JASPER: Martin Dies SP	09-Apr-13		B/K
Laothoe juglandis	Anderson: Gus Engling WMA	13-Apr-13		B/K
Pachysphinx modesta	JOHNSON: Burleson	01-Sep-13		RSF
Erinnyis alope	CAMERON: Old Pt. Isabella Rd., 1.4 mi. N of SR 48	15-Nov-02		LCK
Erinnyis ello	Hidalgo: Alamo	14-Oct-12		CWB
Erinnyis ello	Starr: Falcon Heights	13-Sep-13		BN1
Erinnyis ello	Uvalde: Concan	30-Sep-13		B/K
Erinnyis ello	WEBB: Casa Blanca SP	07-Oct-13		TBL
Erinnyis obscura	Hidalgo: Alamo	14-Sep-12	02-Dec-12	CWB
Erinnyis obscura	Brooks: Falfurrias	02-Nov-13		ECK
Erinnyis oenotrus STATE RECORD: leg. J. Prentiss; last by A. Blanchard; also from Blanco Co. (no date).	NUECES: Corpus Christi	04-Oct-73	02-Oct-75	ECK
Erinnyis oenotrus	HIDALGO: Alamo	01-Nov-13		CWB
Aellopos clavipes	BREWSTER: Study Butte	17-Sep-13		Y/T
Enyo lugubris	Jefferson: Beaumont	15-Mar-13		CWB
Hemaris diffinis	Anderson: Gus Engling WMA	12-Apr-13		B/K
Eumorpha achemon leg. Veronica Medel	TARRANT: Grapevine	12-Jul-13		ECK
Eumorpha fasciatus	CALHOUN: Port O'Connor	30-Jun-13		TBL
Eumorpha labruscae	CALHOUN: Port O'Connor	09-Aug-13		TBL
Cautethia spuria	Hidalgo: Alamo	24-Oct-13		CWB
Deidamia inscriptum	SABINE: Six Mile	16-Mar-13		ECK
Deidamia inscriptum	Jasper: Burkeville	17-Mar-13		ECK
Amphion floridensis	Anderson: Gus Engling WMA	12-Apr-13		B/K
Darapsa choerilus	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Darapsa myron	Anderson: Gus Engling WMA	11-Apr-13		B/K
Darapsa myron	HOPKINS: Cooper Lake SP	06-Jun-13		B/K

Darapsa myron B. Dempwolf	BURNET: Flying T Ranch	27-Jul-13		TBL
Xylophanes pluto	Hidalgo: Alamo	28-Oct-13	10-Nov-13	CWB
Xylophanes tersa	Hidalgo: Alamo	01-Nov-13		CWB
Hyles lineata	ANDERSON: Gus Engling WMA	12-Apr-13		B/K
Hyles lineata	CALHOUN: Port O'Connor	30-Jun-13		TBL
Hyles lineata	Uvalde: Concan	28-Sep-13		B/K
Hyles lineata	Hidalgo: Alamo	24-Oct-13		B/K
Hyles lineata	Brooks: Falfurrias	02-Nov-13		ECK
NOTODONTIDAE				
Hyperaeschra georgica	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Nerice bidentata	MORRIS: Daingerfield SP	04-Jun-13		B/K
Datana integerrima	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Nadata gibbosa	JASPER: Martin Dies SP	09-Apr-13		B/K
Nadata gibbosa	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Nadata gibbosa	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Peridea angulosa	ANDERSON: Gus Engling WMA	12-Apr-13		B/K
Peridea angulosa	Uvalde: Concan	29-Sep-13		B/K
Litodonta hydromeli	MEDINA: Castroville	12-Sep-81		ECK
Litodonta hydromeli	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Litodonta hydromeli	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Litodonta hydromeli	Uvalde: Concan	29-Sep-13		B/K
Litodonta hydromeli	Hidalgo: Alamo	28-Oct-13		B/K
Macrurocampa marthesia	JASPER: Martin Dies SP	15-Mar-13		B/K
Macrurocampa marthesia	SABINE: Six Mile	16-Mar-13		B/K
Macrurocampa marthesia	ANDERSON: Gus Engling WMA	12-Apr-13		B/K
Macrurocampa marthesia	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Heterocampa astartoides	JOHNSON: Burlison	01-May-13		RSF
Heterocampa astartoides	Uvalde: Concan	29-Sep-13		B/K
Heterocampa belfragei	JOHNSON: Hamm Creek Park	17-Aug-13		RSF
Heterocampa biundata	JASPER: Martin Dies SP	09-Apr-13		B/K
Heterocampa biundata	ANDERSON: Gus Engling WMA	12-Apr-13		B/K
Heterocampa biundata	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Heterocampa guttivitta	MORRIS: Daingerfield SP	04-Jun-13		B/K
Heterocampa guttivitta	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Heterocampa subrotata	ANDERSON: Gus Engling WMA	12-Apr-13		B/K
Heterocampa subrotata	Uvalde: Concan	29-Sep-13		B/K
Lochmaeus bilineata	VAL VERDE: Del Rio	23-May-10		B/K
Lochmaeus bilineata	JASPER: Martin Dies SP	09-Apr-13		B/K
Lochmaeus bilineata	ANDERSON: Gus Engling WMA	12-Apr-13		B/K
Lochmaeus bilineata	Uvalde: Concan	29-Sep-13		B/K
Lochmaeus bilineata	Hidalgo: Alamo	29-Oct-13		B/K
Schizura ipomoeae	Uvalde: Concan	29-Sep-13		B/K
Schizura leptinoides	ANDERSON: Gus Engling WMA	12-Apr-13		B/K
Schizura unicornis	Harris: Spring Valley	16-Sep-10		ECK
Schizura unicornis	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Schizura unicornis	JOHNSON: Burlison	08-Sep-13		RSF
Schizura unicornis	Uvalde: Concan	29-Sep-13		B/K
Schizura unicornis	Brooks: Falfurrias	21-Oct-13		B/K
Schizura unicornis	Hidalgo: Alamo	23-Oct-13		CWB
Oligocentria lignicolor At UV Light	ANDERSON: Gus Engling WMA	12-Apr-13		B/K
Oligocentria lignicolor	JASPER: Gus Engling WMA	12-Apr-13		B/K
Hyparpax aurora	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Hyparpax aurostriata	Uvalde: Concan	29-Sep-13		B/K
Elasmia mandela santaana	Hidalgo: Casa Santa Ana	28-Oct-13		CWB
Symmerista albifrons	Jefferson: Beaumont	28-Feb-13		CWB
Symmerista albifrons	JASPER: Martin Dies SP	09-Apr-13		B/K
Didugua argentilinea At UV Light	Hidalgo: Alamo	09-Nov-13		B/K

EREBIDAE

Cisthene packardii	JASPER: Martin Dies SP	09-Apr-13		B/K
Cisthene packardii	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Cisthene plumbea	Jefferson: Beaumont	21-Mar-13		CWB
Cisthene plumbea	JASPER: Martin Dies SP	09-Apr-13		B/K
Cisthene plumbea	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Cisthene subrufa	Hidalgo: Alamo	04-Nov-13		B/K
Cisthene tenuifascia	HARRIS: Spring Valley	02-Mar-95		ECK
Cisthene tenuifascia	Uvalde: Concan	29-Sep-13		B/K
Cisthene tenuifascia	Hidalgo: Alamo	28-Oct-13	05-Dec-13	B/K
Cisthene unifascia	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Cisthene unifascia	Uvalde: Concan	29-Sep-13		B/K
Cisthene unifascia	Hidalgo: Alamo	10-Nov-13		B/K
Hypoprepia fucosa	Uvalde: Concan	30-Sep-13		B/K
Hypoprepia miniata mississippiensis	GREGG: Longview	07-Jun-72		CWB
Hypoprepia miniata mississippiensis	FRANKLIN: IH-30 RA	05-Jun-13		B/K
Hypoprepia miniata mississippiensis	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Hypoprepia miniata mississippiensis	Uvalde: Concan	29-Sep-13		B/K
Crambidia cephalica	Uvalde: Concan	29-Sep-13		B/K
Crambidia myrlosea	KERR: Kerrville	15-Mar-13		RSF
Crambidia myrlosea	Uvalde: Concan	29-Sep-13		B/K
Crambidia myrlosea	Hidalgo: Alamo	04-Nov-13		B/K
Crambidia n. sp.	Hidalgo: Alamo	25-Oct-13		B/K
Crambidia pallida	JASPER: Martin Dies SP	09-Apr-13		B/K
Crambidia pallida	MORRIS: Daingerfield SP	04-Jun-13		B/K
Crambidia pallida	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Virbia aurantiaca	ANDERSON: Gus Engling WMA	12-Apr-13		B/K
Virbia aurantiaca	Uvalde: Concan	30-Sep-13		B/K
Virbia aurantiaca	Brooks: Falfurrias	21-Oct-13	02-Nov-13	B/K
Virbia aurantiaca	KLEBERG: Ricardo	21-Oct-13	02-Nov-13	B/K
Virbia aurantiaca	Hidalgo: Alamo	22-Oct-13	05-Dec-13	B/K
Virbia costata	Uvalde: Concan	28-Sep-13		B/K
Virbia rubicundaria	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Virbia fergusonii	JEFFERSON: Beaumont	24-Mar-90	02-Apr-97	CWB
STATE RECORD				
Grammia figurata	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Grammia incorrupta	BREWSTER: Alpine	05-Jul-75		ECK
STATE RECORD (All TX records reported as G. nevadensis are actually G. incorrupta.)				
Grammia incorrupta	EDWARDS: Camp Wood	02-Jul-13		MH1
A. Hendrickson pic				
Pyrrharctia isabella	SABINE: Six Mile	16-Mar-13		B/K
Estigmene acrea	SABINE: Six Mile	16-Mar-13		B/K
Estigmene acrea	ANDERSON: Gus Engling WMA	12-Apr-13		B/K
Estigmene acrea	Uvalde: Concan	29-Sep-13		B/K
Estigmene acrea	Kleberg: Ricardo	21-Oct-13	02-Nov-13	B/K
Estigmene acrea	Brooks: Falfurrias	21-Oct-13	02-Nov-13	B/K
Estigmene acrea	Hidalgo: Alamo	29-Oct-13	05-Dec-13	B/K
Hyphantria cunea	FORT BEND: Richmond	12-Mar-76		ECK
Hyphantria cunea	BEXAR: San Antonio	04-Mar-77		ECK
Hyphantria cunea	KERR: Kerrville	15-Mar-13		RSF
Hyphantria cunea	NEWTON: Newton	16-Mar-13		B/K
Hyphantria cunea	SABINE: Six Mile	16-Mar-13		B/K
Hyphantria cunea	MCCLENNAN: Harris Creek	18-Mar-13		AG1
Hyphantria cunea	JASPER: Martin Dies SP	09-Apr-13		B/K
Hyphantria cunea	ANDERSON: Gus Engling WMA	12-Apr-13		B/K
Hyphantria cunea	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Spilosoma congrua	ANDERSON: Gus Engling WMA	12-Apr-13		B/K
Spilosoma congrua	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Spilosoma congrua	VAN ZANDT: Canton	08-Jun-13		B/K
Hypercompe oslari	KLEBERG: Ricardo	21-Oct-13		B/K

Hypercompe oslari	Brooks: Falfurrias	21-Oct-13		B/K
Hypercompe scribonia	MORRIS: Daingerfield SP	04-Jun-13		B/K
Arachnis zuni	Jeff Davis: Davis Mts. TNC Preserve	27-Jun-13	28-Jun-13	Y/T
Pareuchaetes insulata	Hidalgo: Alamo	22-Oct-13	05-Dec-13	B/K
Agaraea semivitreata	Hidalgo: Alamo	26-Oct-13	31-Oct-13	CWB
Euchaetes bolteri	Hidalgo: Alamo	23-Oct-13	03-Dec-13	B/K
Euchaetes castalla	Uvalde: Concan	29-Sep-13		B/K
Euchaetes egle	JOHNSON: Burluson	03-Aug-13		RSF
Ectypia bivittata	KLEBERG: Ricardo	21-Oct-13	02-Nov-13	B/K
Ectypia bivittata	BROOKS: Falfurrias	21-Oct-13	02-Nov-13	B/K
Ectypia mexicana	Uvalde: Concan	29-Sep-13		B/K
Pygarcia pterygostigma	Uvalde: Concan	29-Sep-13		B/K
Purius superpulvrea	Hidalgo: Alamo	01-Nov-13		CWB
Halysidota davisii	Uvalde: Concan	29-Sep-13		B/K
Halysidota harrisii	JEFFERSON: Beaumont	18-Mar-13	06-Apr-13	CWB
Lophocampa annulosa	Hidalgo: Alamo	22-Oct-13	05-Dec-13	B/K
Phaloesia saucia	Hidalgo: Alamo	02-Nov-13	04-Nov-13	B/K
Cisseps fulvicollis	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Napata leucotelus	HIDALGO: Mission	06-Jan-13		MH1
US RECORD; Rick Nirschl photo.				
Horama panthalon texana	Brooks: Falfurrias	21-Oct-13	02-Nov-13	B/K
Horama panthalon texana	Kleberg: Ricardo	21-Oct-13	02-Nov-13	B/K
Horama panthalon texana	Hidalgo: Alamo	22-Oct-13	05-Dec-13	B/K
Horama panthalon texana	Kerr: Center Point	16-Nov-13		TBL
Dasychira atrivenosa	MORRIS: Daingerfield SP	04-Jun-13		B/K
Dasychira meridionalis kervillei	Uvalde: Concan	29-Sep-13		B/K
Orgyia detrita	JASPER: Martin Dies SP	02-Jun-13		B/K
Orgyia detrita	MORRIS: Daingerfield SP	04-Jun-13		B/K
Rivula propinqualis	MORRIS: Daingerfield SP	04-Jun-13		B/K
Rivula propinqualis	Hidalgo: Alamo	22-Oct-13		B/K
Rivula pusilla	Hidalgo: Alamo	22-Oct-13		B/K
Schrankia macula	HARRIS: Bellaire	08-Sep-83		ECK
Schrankia macula	JASPER: Martin Dies SP	02-Jun-13		B/K
Schrankia macula	JOHNSON: Hamm Creek Park	16-Aug-13		JMC
Schrankia macula	Hidalgo: Alamo	22-Oct-13		B/K
Metalectra diabolica	KERR: Kerrville	15-Mar-13		RSF
Metalectra diabolica	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Metalectra discalis	JASPER: Martin Dies SP	02-Jun-13		B/K
Metalectra discalis	MORRIS: Daingerfield SP	04-Jun-13		B/K
Metalectra quadrisignata	SABINE: Six Mile	16-Mar-13		B/K
Metalectra quadrisignata	JASPER: Martin Dies SP	09-Apr-13		B/K
Metalectra quadrisignata	MORRIS: Daingerfield SP	04-Jun-13		B/K
Metalectra richardsi	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Metalectra tantillus	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Sigela basipunctaria	Uvalde: Concan	30-Sep-13		B/K
Abablemma bilineata	Hidalgo: Alamo	04-Nov-13		B/K
Ledaea perditalis	JASPER: Martin Dies SP	09-Apr-13		B/K
Ledaea perditalis	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Idia aemula	JASPER: Martin Dies SP	09-Apr-13		B/K
Idia aemula	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Idia aemula	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Idia americalis	JASPER: Martin Dies SP	09-Apr-13		B/K
Idia americalis	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Idia americalis	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Idia denticulalis	JASPER: Martin Dies SP	09-Apr-13		B/K
Idia diminuendis	JASPER: Martin Dies SP	09-Apr-13		B/K
Idia diminuendis	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Idia diminuendis	MORRIS: Daingerfield SP	04-Jun-13		B/K
Idia julia	JASPER: Martin Dies SP	09-Apr-13		B/K

Idia lubricalis	JASPER: Martin Dies SP	02-Jun-13		B/K
Idia lubricalis	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Idia rotundalis	JASPER: Martin Dies SP	09-Apr-13		B/K
Idia rotundalis	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Idia rotundalis	MORRIS: Daingerfield SP	04-Jun-13		B/K
Simplicia cornicalis	HARRIS: Spring Valley	09-Mar-13	08-Oct-13	B/K
STATE RECORD				
Zanclognatha cruralis	JASPER: Martin Dies SP	09-Apr-13		B/K
Zanclognatha cruralis	MORRIS: Daingerfield SP	04-Jun-13		B/K
Zanclognatha gypsalis	JASPER: Martin Dies SP	09-Apr-13		B/K
Zanclognatha gypsalis	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Zanclognatha obscuripennis	JASPER: Martin Dies SP	09-Apr-13		B/K
Zanclognatha obscuripennis	MORRIS: Daingerfield SP	04-Jun-13		B/K
Zanclognatha protumnusalis	JASPER: Martin Dies SP	09-Apr-13		B/K
Tetanolita floridana	MCLENNAN: Harris Creek	19-May-13		AG1
Tetanolita mynesalis	JEFFERSON: Beaumont	12-Mar-13		CWB
Tetanolita mynesalis	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Tetanolita mynesalis	JASPER: Martin Dies SP	02-Jun-13		B/K
Bleptina caradrinalis	JASPER: Martin Dies SP	09-Apr-13		B/K
Bleptina caradrinalis	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Bleptina caradrinalis	JOHNSON: Burlison	01-May-13		RSF
Bleptina caradrinalis	MORRIS: Daingerfield SP	04-Jun-13		B/K
Bleptina sangamonia	JOHNSON: Hamm Creek Park	16-Aug-13		RSF
Bleptina sangamonia	Uvalde: Concan	28-Sep-13		B/K
Renia adspergillus	JASPER: Martin Dies SP	09-Apr-13		B/K
Renia discoloralis	JASPER: Martin Dies SP	02-Jun-13		B/K
Renia discoloralis	MORRIS: Daingerfield SP	04-Jun-13		B/K
Renia flavipunctalis	JASPER: Martin Dies SP	09-Apr-13		B/K
Renia flavipunctalis	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Renia flavipunctalis	JOHNSON: Hamm Creek Park	17-Aug-13		JMC
Renia fraternalis	SABINE: Six Mile	14-Sep-89		ECK
Renia fraternalis	JASPER: Martin Dies SP	09-Apr-13		B/K
Lascoria ambigualis	MORRIS: Daingerfield SP	04-Jun-13		B/K
Palthis angualis	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Palthis angualis	MORRIS: Daingerfield SP	04-Jun-13		B/K
Palthis angualis	JOHNSON: Hamm Creek Park	18-Aug-13		RSF
Palthis angualis	MCLENNAN: Harris Creek	27-Sep-13		AG1
Palthis asopialis	JASPER: Martin Dies SP	09-Apr-13		B/K
Palthis asopialis	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Palthis asopialis	Hidalgo: Alamo	04-Nov-13		B/K
Redectis vitrea	MORRIS: Daingerfield SP	04-Jun-13		B/K
Macristis schausi	Hidalgo: Alamo	23-Oct-13		B/K
Hypena abjuralis	Hidalgo: Alamo	30-Oct-13		B/K
Hypena annulalis	Hidalgo: Alamo	23-Oct-13		B/K
Hypena manalis	MORRIS: Daingerfield SP	04-Jun-13		B/K
Hypena minualis	Uvalde: Concan	30-Sep-13		B/K
Hypena minualis	BROOKS: Falfurrias	21-Oct-13	02-Nov-13	B/K
Hypena minualis	Hidalgo: Alamo	28-Oct-13		B/K
Hypena palparia	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Hypena scabra	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Hypena scabra	MORRIS: Daingerfield SP	04-Jun-13		B/K
Hypena scabra	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Hypena scabra	Uvalde: Concan	30-Sep-13		B/K
Hypena scabra	KLEBERG: Ricardo	21-Oct-13	02-Nov-13	B/K
Hypena scabra	Hidalgo: Alamo	22-Oct-13	05-Dec-13	B/K
Hypena umbralis	Hidalgo: Alamo	28-Oct-13		B/K
Colobochyla interpuncta	JASPER: Martin Dies SP	02-Jun-13		B/K
Colobochyla interpuncta	MORRIS: Daingerfield SP	04-Jun-13		B/K
Hemeroplanis habitalis	HOPKINS: Cooper Lake SP	06-Jun-13		B/K

<i>Hemeroplanis habitalis</i>	Uvalde: Concan	28-Sep-13		B/K
<i>Hemeroplanis scopulepes</i>	BRAZOS: Hopes Creek Rd.	24-Jan-13		JMC
<i>Hemeroplanis scopulepes</i>	Uvalde: Concan	28-Sep-13		B/K
<i>Hemeroplanis scopulepes</i>	Hidalgo: Alamo	22-Oct-13		B/K
<i>Hemeroplanis trilineosa</i>	Uvalde: Concan	29-Sep-13		B/K
<i>Glympis concors</i>	Uvalde: Concan	28-Sep-13		B/K
<i>Glympis concors</i>	Hidalgo: Alamo	22-Oct-13	05-Dec-13	B/K
<i>Phytometra orgiae</i>	Uvalde: Concan	28-Sep-13		B/K
<i>Nigetia formosalis</i>	JASPER: Martin Dies SP	09-Apr-13		B/K
<i>Nigetia formosalis</i>	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
<i>Isogona natatrix</i>	Hidalgo: Alamo	04-Nov-13		B/K
<i>Isogona scindens</i>	Uvalde: Concan	28-Sep-13		B/K
<i>Isogona scindens</i>	Hidalgo: Alamo	23-Oct-13	05-Dec-13	B/K
<i>Isogona snowi</i>	BROOKS: Falfurrias	21-Oct-13	02-Nov-13	B/K
<i>Isogona snowi</i>	KLEBERG: Ricardo	21-Oct-13	02-Nov-13	B/K
<i>Isogona snowi</i>	Hidalgo: Alamo	22-Oct-13	05-Dec-13	B/K
<i>Isogona tenuis</i>	Uvalde: Concan	30-Sep-13		B/K
<i>Isogona tenuis</i>	KLEBERG: Ricardo	21-Oct-13		B/K
<i>Isogona tenuis</i>	BROOKS: Falfurrias	21-Oct-13	02-Nov-13	B/K
<i>Isogona texana</i>	Uvalde: Concan	28-Sep-13		B/K
<i>Arugisa latiorella</i>	JASPER: Martin Dies SP	09-Apr-13		B/K
<i>Arugisa latiorella</i>	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
<i>Arugisa latiorella</i>	MORRIS: Daingerfield SP	04-Jun-13		B/K
<i>Pseudogyia versuta</i>	MORRIS: Daingerfield SP	04-Jun-13		B/K
<i>Scolecocampa liburna</i>	JASPER: Martin Dies SP	09-Apr-13		B/K
<i>Scolecocampa liburna</i>	JEFFERSON: Beaumont	29-Apr-13		CWB
<i>Scolecocampa liburna</i>	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
<i>Amolita fessa</i>	JASPER: Martin Dies SP	09-Apr-13		B/K
<i>Amolita obliqua</i>	JASPER: Martin Dies SP	09-Apr-13		B/K
<i>Hemeroblemma mexicana</i> 2nd US RECORD; 1st male specimen.	HIDALGO: Alamo	20-Nov-13		CWB
<i>Latebraria amphipyroides</i> G. Lasley pic.	UVALDE: Concan	12-Apr-02		MH1
<i>Letis xylia</i>	Starr: Falcon Heights	12-Oct-13		BN1
<i>Thysania zenobia</i>	GUADALUPE: IH-10 RA	28-Sep-13		B/K
<i>Thysania zenobia</i>	Starr: Falcon Heights	09-Oct-13		BN1
<i>Ascalapha odorata</i>	JOHNSON: Burleson	17-Jul-13		RSF
<i>Ascalapha odorata</i>	Williamson: Cedar Park	29-Sep-13		CSX
<i>Ascalapha odorata</i>	Uvalde: Concan	30-Sep-13		B/K
<i>Antiblemma concinnula</i>	Hidalgo: Alamo	19-Nov-13		B/K
<i>Anomis erosa</i>	Hidalgo: Alamo	04-Nov-13		B/K
<i>Anomis flava</i>	BROOKS: Falfurrias	21-Oct-13	02-Nov-13	B/K
<i>Anomis flava</i>	Hidalgo: Alamo	29-Oct-13	05-Dec-13	B/K
<i>Anomis illita</i>	Hidalgo: Alamo	04-Nov-13		B/K
<i>Anomis texana</i>	Hidalgo: Alamo	04-Nov-13		B/K
<i>Anomis gentilis</i>	Hidalgo: Alamo	05-Nov-13		B/K
<i>Gonodonta pyrgo</i>	HARRIS: Spring Valley	03-Sep-13		CWB
<i>Eudocima apta</i>	Cameron: South Padre Island	11-Jun-13		TBL
<i>Phyrosopus callitrichoides</i>	JASPER: Martin Dies SP	09-Apr-13		B/K
<i>Phyrosopus callitrichoides</i>	Uvalde: Concan	28-Sep-13		B/K
<i>Hypsoropha hormos</i>	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
<i>Hypsoropha hormos</i>	JASPER: Martin Dies SP	02-Jun-13		B/K
<i>Hypsoropha hormos</i>	JOHNSON: Burleson	17-Jun-13		RSF
<i>Hypsoropha monilis</i>	JASPER: Martin Dies SP	09-Apr-13		B/K
<i>Radara anartoides</i> STATE RECORD: leg. A. Blanchard	SAN PATRICIO: Welder WR	16-Nov-66		ECK
<i>Radara anartoides</i> leg. A. Blanchard	CAMERON: Voshell WMA	10-Nov-68	05-Nov-69	ECK
<i>Plusiodonta compressipalpis</i>	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
<i>Plusiodonta compressipalpis</i>	Uvalde: Concan	30-Sep-13		B/K

<i>Plusiodonta compressipalpis</i>	Hidalgo: Alamo	22-Oct-13	05-Dec-13	B/K
<i>Goniapteryx servia</i>	Hidalgo: Alamo	28-Oct-13	19-Nov-13	CWB
<i>Litoprosopus futilis</i>	Jefferson: Beaumont	11-May-13	16-May-13	CWB
<i>Phoberia atomaris</i>	Jefferson: Beaumont	03-Mar-13		CWB
<i>Phoberia atomaris</i>	SABINE: Six Mile	16-Mar-13		B/K
<i>Cissusa spadix</i>	JEFFERSON: Beaumont	04-Mar-13		CWB
<i>Cissusa spadix</i>	SABINE: Six Mile	16-Mar-13		B/K
<i>Cissusa spadix</i>	MCCLENNAN: Harris Creek	17-Mar-13		AG1
<i>Litocala sexsignata</i>	DICKENS: Dickens Spring Canyon	14-Mar-13		JMC
<i>Melipotis acontioides</i>	Uvalde: Concan	29-Sep-13		B/K
<i>Melipotis acontioides</i>	Brooks: Falfurrias	21-Oct-13	02-Nov-13	B/K
<i>Melipotis acontioides</i>	Kleberg: Ricardo	21-Oct-13		B/K
<i>Melipotis acontioides</i>	Hidalgo: Alamo	23-Oct-13	05-Dec-13	B/K
<i>Melipotis agrotoides</i>	Hidalgo: Alamo	04-Nov-13		B/K
<i>Melipotis cellaris</i>	Uvalde: Concan	29-Sep-13		B/K
<i>Melipotis cellaris</i>	GUADALUPE: IH-10 RA	02-Oct-13		B/K
<i>Melipotis cellaris</i>	Brooks: Falfurrias	21-Oct-13	02-Nov-13	B/K
<i>Melipotis cellaris</i>	KLEBERG: Ricardo	21-Oct-13		CWB
<i>Melipotis cellaris</i>	Hidalgo: Alamo	23-Oct-13	05-Dec-13	B/K
<i>Melipotis fasciolaris</i>	BRAZOS: Hopes Creek Rd.	09-Sep-13		JMC
<i>Melipotis fasciolaris</i>	Hidalgo: Alamo	23-Oct-13	05-Dec-13	B/K
<i>Melipotis indomita</i>	MORRIS: Daingerfield SP	04-Jun-13		B/K
<i>Melipotis indomita</i>	Uvalde: Concan	29-Sep-13		B/K
<i>Melipotis indomita</i>	Kleberg: Ricardo	21-Oct-13		CWB
<i>Melipotis indomita</i>	Brooks: Falfurrias	21-Oct-13	02-Nov-13	B/K
<i>Melipotis indomita</i>	Hidalgo: Alamo	23-Oct-13	05-Dec-13	B/K
<i>Melipotis jucunda</i>	Uvalde: Concan	29-Sep-13		B/K
<i>Melipotis nigrobasis</i>	Hidalgo: Alamo	23-Oct-13	03-Dec-13	B/K
<i>Melipotis novanda</i>	Hidalgo: Alamo	23-Oct-13		B/K
<i>Melipotis perpendicularis</i>	Hidalgo: Alamo	23-Oct-13		B/K
<i>Bulia deducta</i>	MORRIS: Daingerfield SP	13-Jun-98		B/K
<i>Bulia deducta</i>	Uvalde: Concan	28-Sep-13		B/K
<i>Bulia deducta</i>	Kleberg: Ricardo	21-Oct-13		CWB
<i>Bulia deducta</i>	Brooks: Falfurrias	21-Oct-13	02-Nov-13	B/K
<i>Bulia deducta</i>	Hidalgo: Alamo	22-Oct-13	05-Dec-13	B/K
<i>Drasteria ingeniculata</i>	HARDIN: Larsen Sandylands Preserve	27-Mar-84		CWB
<i>Drasteria ingeniculata</i>	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
<i>Drasteria pallescens</i>	Uvalde: Concan	29-Sep-13		B/K
<i>Drasteria pallescens</i>	Hidalgo: Alamo	23-Oct-13		B/K
<i>Cutina albopunctella</i>	JASPER: Martin Dies SP	09-Apr-13		B/K
<i>Cutina aluticolor</i>	JASPER: Martin Dies SP	09-Apr-13		B/K
<i>Cutina arcuata</i>	JASPER: Martin Dies SP	09-Apr-13		B/K
<i>Cutina distincta</i>	JASPER: Martin Dies SP	09-Apr-13		B/K
<i>Euclidia cuspidata</i>	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
<i>Caenurgia chloropha</i>	JEFFERSON: Beaumont	04-Mar-13		CWB
<i>Caenurgia chloropha</i>	SABINE: Six Mile	16-Mar-13		B/K
<i>Caenurgia chloropha</i>	JASPER: Martin Dies SP	02-Jun-13		B/K
<i>Caenurgia chloropha</i>	MORRIS: Daingerfield SP	04-Jun-13		B/K
<i>Caenurgina erechtea</i>	JEFFERSON: Beaumont	04-Mar-13		CWB
<i>Caenurgina erechtea</i>	SABINE: Six Mile	16-Mar-13		B/K
<i>Caenurgina erechtea</i>	Uvalde: Concan	29-Sep-13		B/K
<i>Tathorhynchus exsiccatu</i>	Uvalde: Concan	28-Sep-13		B/K
<i>Mocis cubana</i>	STARR: Falcon Heights	28-Sep-13		BN1
<i>Mocis cubana</i>	BROOKS: Falfurrias	21-Oct-13		CWB
<i>Mocis disseverans</i>	Hidalgo: Alamo	23-Oct-13	05-Dec-13	B/K
<i>Mocis disseverans</i>	Brooks: Falfurrias	02-Nov-13		ECK
<i>Mocis latipes</i>	Uvalde: Concan	28-Sep-13		B/K
<i>Mocis latipes</i>	Brooks: Falfurrias	21-Oct-13	02-Nov-13	B/K
<i>Mocis latipes</i>	Hidalgo: Alamo	22-Oct-13	05-Dec-13	B/K

Mocis marcida	SABINE: Six Mile	16-Mar-13		B/K
Mocis marcida	JASPER: Martin Dies SP	09-Apr-13		B/K
Mocis marcida	MORRIS: Daingerfield SP	04-Jun-13		B/K
Mocis marcida	Brooks: Falfurrias	21-Oct-13		CWB
Mocis marcida	Hidalgo: Alamo	22-Oct-13	05-Dec-13	B/K
Mocis texana	Hidalgo: Alamo	23-Oct-13	05-Dec-13	B/K
Celiptera frustulum	MORRIS: Daingerfield SP	04-Jun-13		B/K
Celiptera frustulum	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Ptichodis vinculum	MORRIS: Daingerfield SP	04-Jun-13		B/K
Ptichodis bistrigata	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Ptichodis herbarum	SABINE: Six Mile	16-Mar-13		B/K
Ptichodis herbarum	BROOKS: Falfurrias	21-Oct-13		CWB
Ptichodis herbarum	Hidalgo: Alamo	22-Oct-13		B/K
Argyrostroma anilis	JASPER: Martin Dies SP	09-Apr-13		B/K
Argyrostroma anilis	MORRIS: Daingerfield SP	04-Jun-13		B/K
Argyrostroma anilis	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Metallata absumens	Harris: Spring Valley	22-Sep-13		CWB
Anticarsia gemmatalis	Uvalde: Concan	28-Sep-13		B/K
Anticarsia gemmatalis	Hidalgo: Alamo	22-Oct-13	05-Dec-13	B/K
Epitauca prona	Hidalgo: Alamo	01-Nov-13		B/K
Ephyrodes cacata	Hidalgo: Alamo	01-Nov-13		CWB
Epidromia pannosa last at Santa Ana NWR (MR2)	HIDALGO: Mission	23-Sep-73	28-Nov-13	ECK
Epidromia rotundata	Harris: Spring Valley	31-Aug-13		CWB
Massala obvertens	Hidalgo: Alamo	01-Nov-13	04-Nov-13	B/K
Panopoda carneicosta	JASPER: Martin Dies SP	09-Apr-13		B/K
Panopoda carneicosta	MORRIS: Daingerfield SP	04-Jun-13		B/K
Panopoda rufimargo	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Tyrisa multilinea	Uvalde: Concan	29-Sep-13		B/K
Tyrisa multilinea	Brooks: Falfurrias	21-Oct-13	02-Nov-13	B/K
Lesmone detrahens	Jefferson: Beaumont	12-Mar-13		CWB
Lesmone detrahens	MCLENNAN: Harris Creek	18-Mar-13		AG1
Lesmone detrahens	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Lesmone detrahens	JASPER: Daingerfield SP	02-Jun-13		B/K
Lesmone detrahens	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Lesmone detrahens	Brewster: Marathon	21-Sep-13		Y/T
Lesmone detrahens	Uvalde: Concan	28-Sep-13		B/K
Lesmone formularis	Hidalgo: Alamo	19-Nov-13		CWB
Lesmone fufius	Hidalgo: Alamo	04-Nov-13		B/K
Lesmone hinna	SABINE: Six Mile	16-Mar-13		B/K
Lesmone hinna	JASPER: Martin Dies SP	09-Apr-13		B/K
Lesmone hinna	Uvalde: Concan	28-Sep-13		B/K
Lesmone hinna	Hidalgo: Alamo	22-Oct-13		B/K
Bendisodes aeolia	Hidalgo: Alamo	04-Nov-13		B/K
Helia agna	Hidalgo: Alamo	01-Nov-13	12-Nov-13	B/K
Selenisa sueroides	HARRIS: Bellaire	14-Dec-83		ECK
Selenisa sueroides	Hidalgo: Alamo	01-Nov-13	18-Nov-13	B/K
Heteranassa mima	Uvalde: Concan	28-Sep-13		B/K
Euclystis guerini	HARRIS: Spring Valley	20-Jul-13		ECK
Metria amella	Harris: Spring Valley	10-Feb-13		CWB
Metria amella	MCLENNAN: Harris Creek	19-May-13		AG1
Metria amella	Uvalde: Concan	29-Sep-13		B/K
Metria amella	Travis: Austin	30-Sep-13		TBL
Metria bilineata	Hidalgo: Alamo	22-Oct-13	04-Nov-13	B/K
Toxonprucha clientis	Hidalgo: Alamo	22-Oct-13		B/K
Toxonprucha crudelis	Hidalgo: Alamo	22-Oct-13		B/K
Toxonprucha psegmapteryx	Uvalde: Concan	28-Sep-13		B/K
Toxonprucha repentis	Uvalde: Concan	28-Sep-13		B/K
Toxonprucha volucris	Uvalde: Concan	28-Sep-13		B/K

Zaleops umbrina	Uvalde: Concan	28-Sep-13		B/K
Matigramma obscurior	Uvalde: Concan	28-Sep-13		B/K
Matigramma obscurior	Hidalgo: Alamo	04-Nov-13		B/K
Matigramma rubrosuffusa	JOHNSON: Hamm Creek Park	16-Aug-13		RSF
Zale buchholzi	SABINE: Six Mile	16-Mar-13		B/K
Zale calycanthata	JOHNSON: Burleson	04-Mar-13		RSF
Zale calycanthata	MCCLENNAN: Harris Creek	28-Mar-13		AG1
Zale edusina	Uvalde: Concan	29-Sep-13		B/K
Zale galbanata	MORRIS: Daingerfield SP	04-Jun-13		B/K
Zale galbanata	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Zale horrida	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Zale horrida	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Zale lunata	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Zale lunata	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Zale lunata	Uvalde: Concan	29-Sep-13		B/K
Zale lunata	Hidalgo: Alamo	22-Oct-13	05-Dec-13	B/K
Zale obsita	Hidalgo: Alamo	01-Nov-13		B/K
Zale phaeocapna	SABINE: Six Mile	16-Mar-13		B/K
Zale intenta	SABINE: Six Mile	16-Mar-13		B/K
Eubolina impartialis	Uvalde: Concan	28-Sep-13		B/K
Allotria elonympha	JASPER: Martin Dies SP	09-Apr-13		B/K
Allotria elonympha	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Ophisma tropicalis	HARRIS: Spring Valley	08-Jul-13		ECK
Ophisma tropicalis	MCCLENNAN: Harris Creek	19-Jul-13		AG1
Mimophisma delunaris	Hidalgo: Alamo	01-Nov-13	03-Dec-13	B/K
Parallelia bistriaris	SABINE: Six Mile	16-Mar-13		B/K
Parallelia bistriaris	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Spiloloma lunilinea	CHAMBERS: Baytown	14-Jun-91		CWB
Spiloloma lunilinea	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Spiloloma lunilinea leg. Veronica Medel	TARRANT: Grapevine	12-Jul-13		ECK
Spiloloma lunilinea	MEDINA: 3 mi. N of Devine	20-Jul-13		MH1
Spiloloma lunilinea	JOHNSON: Burleson	04-Sep-13		RSF
Catocala alabamae	MORRIS: Daingerfield SP	04-Jun-13		B/K
Catocala alabamae also f. "olivia"	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Catocala amica	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Catocala andromedae tristis	GREGG: Longview	07-Jun-73		CWB
Catocala andromedae tristis	MORRIS: Daingerfield SP	04-Jun-13		B/K
Catocala clintoni	MORRIS: Daingerfield SP	04-Jun-13		B/K
Catocala epione	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Catocala gracilis	MORRIS: Daingerfield SP	04-Jun-13		B/K
Catocala gryneus	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Catocala ilia	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Catocala illecta	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Catocala innubens	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Catocala jair	MORRIS: Daingerfield SP	04-Jun-13		B/K
Catocala lineella	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Catocala maestosa	WILLIAMSON: "NW Austin"	25-Sep-13		RMK
Catocala micronympha	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Catocala minuta also f. "parvula"	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Catocala neogama	JOHNSON: Hamm Creek Park	17-Aug-13		RSF
Catocala pretiosa texarkana	MCCLENNAN: Harris Creek	17-May-13		AG1
Catocala similis	MORRIS: Daingerfield SP	04-Jun-13		B/K
Catocala similis	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Catocala ultronia	JASPER: Martin Dies SP	02-Jun-13		B/K
Catocala ultronia	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Catocala umbrosa	JEFFERSON: Beaumont	20-May-13		CWB
Catocala umbrosa	MORRIS: Daingerfield SP	04-Jun-13		B/K

Catocala umbrosa	HOPKINS: Cooper Lake SP	06-Jun-13		B/K
Diphthera festiva	RUSK: 1 mi. S of Kilgore	12-Nov-78		CWB
Diphthera festiva	Brooks: Falfurrias	21-Oct-13	02-Nov-13	B/K
Diphthera festiva	Kleberg: Ricardo	21-Oct-13	02-Nov-13	B/K
Diphthera festiva	Hidalgo: Alamo	23-Oct-13		CWB
Diphthera festiva	Hidalgo: Alamo	27-Oct-13		B/K
EREBIDAE				
Afrida ydatodes	JASPER: Martin Dies SP	09-Apr-13		B/K
Eublemma minima	Hidalgo: Alamo	04-Nov-13		B/K
Abrostola microvalis	BRAZOS: Hopes Creek Rd.	08-Mar-13		JMC
Abrostola microvalis	KERR: Kerrville	15-Mar-13		RSF
Trichoplusia ni	Hidalgo: Alamo	22-Oct-13		B/K
Ctenoplusia oxygramma	Uvalde: Concan	28-Sep-13		B/K
Chrysodeixis includens	Hidalgo: Alamo	22-Oct-13		B/K
Rachiplusia ou	Hidalgo: Alamo	22-Oct-13		B/K
Rachiplusia ou	Kerr: Center Point	16-Nov-13		TBL
Megalographa biloba	Hidalgo: Alamo	22-Oct-13		B/K
Tripudia balteata	Hidalgo: Alamo	22-Oct-13		B/K
Tripudia flavofasciata	KERR: Kerrville	15-Mar-13		RSF
Tripudia flavofasciata	Uvalde: Concan	28-Sep-13		B/K
Tripudia luxuriosa	KERR: Kerrville	15-Mar-13		RSF
Tripudia luxuriosa	Uvalde: Concan	28-Sep-13		B/K
Tripudia quadrifera	Uvalde: Concan	28-Sep-13		B/K
Tripudia quadrifera	Hidalgo: Alamo	22-Oct-13		B/K
Cobubatha dividua	Uvalde: Concan	28-Sep-13		B/K
Cobubatha dividua	Hidalgo: Alamo	04-Nov-13		B/K
Cobubatha megaplaga	Uvalde: Concan	28-Sep-13		B/K
Cobubatha lixiva	Uvalde: Concan	28-Sep-13		B/K
Cobubatha ochrocraspis	Hidalgo: Alamo	22-Oct-13		B/K
Cobubatha orthozona	MCLENNAN: Harris Creek	17-Mar-13		AG1
Cobubatha orthozona	Uvalde: Concan	28-Sep-13		B/K
Ozarba aerea	Uvalde: Concan	28-Sep-13		B/K
Ozarba catilina	VAL VERDE: Del Rio	16-May-86		ECK
Ozarba catilina	Uvalde: Concan	28-Sep-13	11-Nov-13	B/K
Ozarba catilina	Hidalgo: Alamo	04-Nov-13	12-Nov-13	B/K
Hyperstrotia flaviguttata	JASPER: Martin Dies SP	09-Apr-13		B/K
Marimatha nigrofimbria	JEFFERSON: Beaumont	12-Mar-13		CWB
Marimatha nigrofimbria	JASPER: Martin Dies SP	09-Apr-13		B/K
Marimatha nigrofimbria	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Marimatha quadrata	Uvalde: Concan	28-Sep-13		B/K
Lithacodia musta	Uvalde: Concan	28-Sep-13		B/K
Maliattha synochitis	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Maliattha synochitis	Hidalgo: Alamo	22-Oct-13		B/K
Cerma cora	BRAZOS: Hopes Creek Rd.	07-Mar-13	21-Mar-13	JMC
Cerathosia tricolor	Uvalde: Concan	29-Sep-13		B/K
Amyna bullula	Uvalde: Concan	29-Sep-13		B/K
Amyna bullula	BROOKS: Falfurrias	21-Oct-13	02-Nov-13	B/K
Amyna axis	Uvalde: Concan	29-Sep-13		B/K
Amyna axis	Brooks: Falfurrias	21-Oct-13	02-Nov-13	B/K
Amyna axis	Hidalgo: Alamo	22-Oct-13		B/K
Aleptina inca	Uvalde: Concan	29-Sep-13		B/K
Aleptina inca	BROOKS: Falfurrias	02-Nov-13		ECK
Metaponpneumata rogenhoferi	Uvalde: Concan	29-Sep-13		B/K
Bagisara albicosta	HIDALGO: Bentsen SP	12-Jul-75		ECK
Bagisara albicosta	STARR: Falcon Heights	05-Aug-13		BN1
Bagisara buxea	Uvalde: Concan	30-Sep-13		B/K
Bagisara buxea	BROOKS: Falfurrias	21-Oct-13	02-Nov-13	B/K
Bagisara buxea	Hidalgo: Alamo	22-Oct-13		B/K
Bagisara repanda	JEFFERSON: Beaumont	23-Mar-13		CWB

Bagisara repanda	BROOKS: Falfurrias	02-Nov-13		B/K
Bagisara repanda	Hidalgo: Alamo	04-Nov-13		B/K
Bagisara tristicta	BROOKS: Falfurrias	21-Oct-13		CWB
Cydosia aurivitta	Uvalde: Concan	28-Sep-13		B/K
Ponometia candefacta	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Ponometia erastrioides	JOHNSON: Burleson	16-May-13		RSF
Ponometia libedis	Uvalde: Concan	29-Sep-13		B/K
Ponometia phecolisca	Uvalde: Concan	29-Sep-13		B/K
Ponometia semiflava	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Ponometia semiflava	Uvalde: Concan	29-Sep-13		B/K
Ponometia venustula	Uvalde: Concan	29-Sep-13		B/K
Spragueia guttata	BRAZOS: Hopes Creek Rd.	09-Sep-13		JMC
Spragueia guttata	Uvalde: Concan	28-Sep-13		B/K
Spragueia guttata	BROOKS: Falfurrias	21-Oct-13	02-Nov-13	B/K
Spragueia guttata	Hidalgo: Alamo	22-Oct-13		B/K
Spragueia jaguaralis	Uvalde: Concan	30-Sep-13		B/K
Spragueia leo	ANDERSON: CR 471	02-Aug-13		JMC
Spragueia obatra	Uvalde: Concan	29-Sep-13		B/K
Tarache aprica	JEFFERSON: Beaumont	11-Mar-13		CWB
Tarache aprica	KERR: Kerrville	15-Mar-13		RSF
Tarache aprica	JASPER: Martin Dies SP	09-Apr-13		B/K
Tarache aprica	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Tarache aprica	Hidalgo: Alamo	02-Nov-13		B/K
Acontia cretata	TERRELL: Sanderson	16-May-10		B/K
Acontia cretata	VAL VERDE: Del Rio	22-May-10		B/K
Acontia cretata	Uvalde: Concan	28-Sep-13		B/K
Acontia cretata	BROOKS: Falfurrias	21-Oct-13	02-Nov-13	B/K
Acontia cretata	Hidalgo: Alamo	31-Oct-13		B/K
Acontia expolita	Uvalde: Concan	28-Sep-13		B/K
Acontia lactipennis	JOHNSON: Burleson	17-May-13		RSF
Acontia quadriplaga	Uvalde: Concan	28-Sep-13		B/K
Acontia tetragona	Hidalgo: Alamo	22-Oct-13		B/K
Panthea furcilla	NEWTON: Newton	16-Mar-13		B/K
Charadra dispulsa	BRAZOS: Hopes Creek Rd.	07-Mar-13		JMC
Raphia abrupta	Harris: Spring Valley	09-Mar-13		ECK
Acronicta afflicta	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Acronicta americana	MCLENNAN: Harris Creek	29-Mar-13		AG1
Acronicta americana	JASPER: Martin Dies SP	09-Apr-13		B/K
Acronicta connecta	KERR: Kerrville	15-Mar-13		RSF
Acronicta exilis	JASPER: Martin Dies SP	09-Apr-13		B/K
Acronicta haesitata	JASPER: Martin Dies SP	09-Apr-13		B/K
Acronicta hasta	JASPER: Martin Dies SP	09-Apr-13		B/K
Acronicta interrupta	Uvalde: Concan	28-Sep-13		B/K
Acronicta lepetita	MCLENNAN: Harris Creek	07-Mar-13		AG1
Acronicta lobeliae	SABINE: Six Mile	16-Mar-13		B/K
Acronicta longa	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Acronicta retardata	JASPER: Martin Dies SP	09-Apr-13		B/K
Acronicta rubricoma	KERR: Kerrville	15-Mar-13		RSF
Acronicta rubricoma	Uvalde: Concan	28-Sep-13		B/K
Acronicta tota	JOHNSON: Burleson	04-Mar-13		RSF
Acronicta tota	KERR: Kerrville	15-Mar-13		RSF
Acronicta vinnula	MCLENNAN: Harris Creek	02-Feb-13		AG1
Simyra insularis	JOHNSON: Burleson	04-Mar-13		RSF
Agriopodes fallax	MCLENNAN: Harris Creek	18-Mar-13		AG1
Agriopodes fallax	JASPER: Martin Dies SP	09-Apr-13		B/K
Harrisimemna trisignata	BRAZOS: Hopes Creek Rd.	07-Mar-13		JMC
Harrisimemna trisignata	MCLENNAN: Harris Creek	18-Mar-13		AG1
Comachara cadburyi	JASPER: Martin Dies SP	09-Apr-13		B/K
Comachara cadburyi	ANDERSON: Gus Engling WMA	13-Apr-13		B/K

<i>Xerociris wilsonii</i>	Gonzales: Palmetto SP	23-Mar-85	ECK
<i>Xerociris wilsonii</i>	Uvalde: Concan	29-Sep-13	B/K
<i>Xerociris wilsonii</i>	Hidalgo: Weslaco	22-Oct-13	TBL
<i>Euscirrhopterus gloveri</i>	Medina: 3 mi. N of Devine	27-Aug-13	MH1
<i>Psychomorpha epimenis</i>	Harris: Spring Valley	07-Feb-13	CWB
<i>Psychomorpha epimenis</i>	Newton: US 87 X CR 2107	17-Mar-13	ECK
<i>Alypia octomaculata</i>	DEWITT: 5 mi. NE Westhoff	17-Mar-13	TBL
<i>Alypia octomaculata</i>	Newton: US 87 X CR 2107	17-Mar-13	B/K
<i>Alypia octomaculata</i>	ANDERSON: Gus Engling WMA	13-Apr-13	B/K
<i>Alypia octomaculata</i>	JOHNSON: Burtleson	17-May-13	RSF
<i>Cucullia laetifica</i>	Uvalde: Concan	28-Sep-13	B/K
<i>Cucullia laetifica</i>	GUADALUPE: IH-10 RA	28-Sep-13	B/K
<i>Cucullia lethe</i>	Uvalde: Concan	30-Sep-13	B/K
<i>Cucullia lethe</i>	Hidalgo: Alamo	22-Oct-13	B/K
<i>Neogalea sunia</i>	HARRIS: Spring Valley	20-Oct-10	ECK
<i>Neogalea sunia</i>	MCLENNAN: Harris Creek	04-Mar-13	AG1
<i>Neogalea sunia</i>	Uvalde: Concan	28-Sep-13	B/K
<i>Neogalea sunia</i>	Hidalgo: Alamo	22-Oct-13	B/K
<i>Catabenoides vitrina</i>	Uvalde: Concan	30-Sep-13	B/K
<i>Leucocnemis nivalis</i>	EDWARDS: Camp Wood	16-Mar-13	TH4
<i>Leucocnemis perfundis</i>	EDWARDS: Camp Wood	02-Mar-13	TH4
<i>Copanarta aurea</i>	Uvalde: Concan	30-Sep-13	B/K
<i>Lepipolys perscripta</i>	MEDINA: 3 mi. N of Devine	25-Jan-13	MH1
<i>Lepipolys perscripta</i> A. Hendrickson pic	EDWARDS: Camp Wood	10-Mar-13	MH1
<i>Sympistis atricollaris</i>	Uvalde: Concan	28-Sep-13	B/K
<i>Sympistis sorapis</i>	MEDINA: 3 mi. N of Devine	25-Jan-13	MH1
<i>Sympistis cottami</i>	EDWARDS: Camp Wood	16-Mar-13	TH4
<i>Sympistis occata</i>	Uvalde: Concan	28-Sep-13	B/K
<i>Sympistis occata</i>	BROOKS: Falfurrias	21-Oct-13	B/K
<i>Sympistis occata</i>	Hidalgo: Alamo	22-Oct-13	B/K
<i>Sympistis poliafascies</i>	EDWARDS: Camp Wood	08-Mar-13	TH4
<i>Sympistis sectiloides</i>	Uvalde: Concan	28-Sep-13	B/K
<i>Sympistis sectiloides</i>	Hidalgo: Alamo	04-Nov-13	B/K
<i>Psaphida thaxteriana</i>	BRAZOS: Hopes Creek Rd.	24-Jan-13	JMC
<i>Copivaleria grotei</i>	MCLENNAN: Harris Creek	04-Mar-13	AG1
<i>Copivaleria grotei</i>	SABINE: Six Mile	16-Mar-13	B/K
<i>Copivaleria grotei</i>	BASTROP: Utley	24-Mar-13	TBL
<i>Phosphila miselioides</i>	ANDERSON: Gus Engling WMA	13-Apr-13	B/K
<i>Phosphila miselioides</i>	Uvalde: Concan	28-Sep-13	B/K
<i>Phosphila turbulenta</i>	NEWTON: Newton	16-Mar-13	B/K
<i>Phosphila turbulenta</i>	JASPER: Martin Dies SP	09-Apr-13	B/K
<i>Cropia templada</i>	Uvalde: Concan	29-Sep-13	B/K
<i>Neophaenis boucheri</i> US RECORD: leg. A. Blanchard	CAMERON: Brownsville	07-Jun-69	ECK
<i>Neophaenis boucheri</i>	HARRIS: Bellaire	15-Jul-86	ECK
<i>Neophaenis boucheri</i>	HIDALGO: Mission	19-Aug-13	MR2
<i>Plagiomimicus manti</i>	Uvalde: Concan	29-Sep-13	B/K
<i>Plagiomimicus pityochromus</i>	GUADALUPE: IH-10 RA	28-Sep-13	B/K
<i>Lineostriastiria biundulalis</i>	MEDINA: 3 mi. N of Devine	20-Sep-13	MH1
<i>Basilodes chrysopsis</i>	GUADALUPE: IH-10 RA	28-Sep-13	B/K
<i>Basilodes chrysopsis</i>	Uvalde: Concan	28-Sep-13	B/K
<i>Basilodes chrysopsis</i>	KLEBERG: Ricardo	21-Oct-13	CWB
<i>Basilodes chrysopsis</i>	BROOKS: Falfurrias	21-Oct-13	02-Nov-13 B/K
<i>Basilodes pepita</i>	Uvalde: Concan	29-Sep-13	B/K
<i>Basilodes pepita</i>	Travis: Austin	06-Oct-13	CSX
<i>Basilodes pepita</i>	BROOKS: Falfurrias	21-Oct-13	CWB
<i>Stiria intermixta</i>	Uvalde: Concan	30-Sep-13	B/K
<i>Stiria intermixta</i>	BROOKS: Falfurrias	21-Oct-13	CWB

Chalcopasta howardi	Uvalde: Concan	28-Sep-13		B/K
Azenia perflava	Uvalde: Concan	29-Sep-13		B/K
Helicoverpa zea	Uvalde: Concan	28-Sep-13		B/K
Helicoverpa zea	Hidalgo: Alamo	23-Oct-13	01-Nov-13	B/K
Helicoverpa zea	Harris: Spring Valley	29-Nov-13		ECK
Heliiothis subflexa	JOHNSON: Burleson	04-Oct-13		RSF
Heliiothis subflexa	Hidalgo: Alamo	23-Oct-13		B/K
Heliiothis virescens	Hidalgo: Alamo	10-Nov-13		B/K
Heliocheilus paradoxus	JOHNSON: Burleson	25-Sep-13		RSF
Heliocheilus paradoxus	Uvalde: Concan	29-Sep-13		B/K
Schinia antonio	WEBB: Casa Blanca SP	10-May-13		TBL
Schinia bicuspidata	BROOKS: Falfurrias	21-Oct-13	02-Nov-13	B/K
Schinia bina	Uvalde: Concan	28-Sep-13		B/K
Schinia chrysellata	Uvalde: Concan	28-Sep-13		B/K
Schinia chrysellata	GUADALUPE: IH-10 RA	02-Oct-13		B/K
Schinia ciliata	Uvalde: Concan	28-Sep-13		B/K
Schinia crenilinea	JOHNSON: Burleson	22-May-13		RSF
Schinia crenilinea	MCLENNAN: Harris Creek	16-Jun-13		AG1
Schinia cupes	Uvalde: Concan	28-Sep-13		B/K
Schinia gaurae	MCLENNAN: Harris Creek	15-May-13		AG1
Schinia gracilentata	BROOKS: Falfurrias	02-Nov-13		ECK
Schinia grandimedia	Uvalde: Concan	28-Sep-13		B/K
Schinia hanga	Uvalde: Concan	28-Sep-13		B/K
Schinia nubila	Uvalde: Concan	28-Sep-13		B/K
Schinia nubila	Hidalgo: Alamo	23-Oct-13		B/K
Schinia oleagina	FAYETTE: Schulenburg	28-Sep-13		B/K
Schinia oleagina	GUADALUPE: IH-10 RA	28-Sep-13		B/K
Schinia oleagina	Uvalde: Concan	28-Sep-13		B/K
Schinia regia	Uvalde: Concan	28-Sep-13		B/K
Schinia regia	Uvalde: Concan	28-Sep-13		B/K
Schinia regia	BROOKS: Falfurrias	21-Oct-13	02-Nov-13	B/K
Schinia rivulosa	Uvalde: Concan	28-Sep-13		B/K
Schinia rivulosa	GUADALUPE: IH-10 RA	28-Sep-13		B/K
Schinia roseitincta	STARR: Falcon Heights	16-Apr-13		BN1
Schinia saturata	Uvalde: Concan	28-Sep-13		B/K
Schinia siren	Uvalde: Concan	28-Sep-13		B/K
Schinia siren	FAYETTE: Schulenburg	28-Sep-13		B/K
Schinia sordida	Uvalde: Concan	28-Sep-13		B/K
Schinia thoreauia	GUADALUPE: IH-10 RA	28-Sep-13		B/K
Schinia trifasciata	JOHNSON: Burleson	13-Sep-13		RSF
Schinia tuberculum	BROOKS: Falfurrias	21-Oct-13	02-Nov-13	B/K
Schinia ultima	Uvalde: Concan	28-Sep-13		B/K
Schinia ultima	JOHNSON: Burleson	09-Oct-13		RSF
Schinia voluptaria	Uvalde: Concan	29-Sep-13		B/K
Perigea xanthioides	Hidalgo: Alamo	04-Nov-13		B/K
Condica albigerata	BROOKS: Falfurrias	21-Oct-13	02-Nov-13	B/K
Condica albolabes	Uvalde: Concan	29-Sep-13		B/K
Condica albolabes	Hidalgo: Alamo	04-Nov-13		B/K
Condica mobilis	Hidalgo: Alamo	04-Nov-13		B/K
Condica sutor	Hidalgo: Alamo	14-Nov-13		B/K
Condica vecors	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Condica videns	Uvalde: Concan	29-Sep-13		B/K
Condica videns	BROOKS: Falfurrias	02-Nov-13		B/K
Condica videns	Hidalgo: Alamo	04-Nov-13		B/K
Draudtia morsa	Hidalgo: Alamo	04-Nov-13		B/K
Ogdoconta altura	EDWARDS: Camp Wood	01-Sep-13		MH1
A. Hendrickson pic				
Ogdoconta altura	Uvalde: Concan	29-Sep-13		B/K
Ogdoconta cinereolata	Uvalde: Concan	29-Sep-13		B/K

Ogdoconta cinereola	Hidalgo: Alamo	22-Oct-13		B/K
Ogdoconta tacna	Uvalde: Concan	29-Sep-13		B/K
Diastema tigris	Uvalde: Concan	28-Sep-13		B/K
Diastema tigris	Hidalgo: Alamo	22-Oct-13		B/K
Micrathetis triplex	Uvalde: Concan	29-Sep-13		B/K
Crambodes talidiformis	JOHNSON: Burleson	04-Mar-13		RSF
Crambodes talidiformis	MCLENNAN: Harris Creek	06-Apr-13		AG1
Crambodes talidiformis	Uvalde: Concan	30-Sep-13		B/K
Crambodes talidiformis	Hidalgo: Alamo	24-Oct-13		B/K
Callopietria floridensis	STARR: Falcon Heights	20-Oct-13		BN1
Emarginea percara	Uvalde: Concan	29-Sep-13		B/K
Spodoptera albula	Hidalgo: Alamo	01-Nov-13		B/K
Spodoptera dolichos	HARDIN: BITH: Lance Rosier Unit	19-Nov-94		B/K
Spodoptera dolichos	HARRIS: Spring Valley	23-Apr-05		ECK
Spodoptera dolichos	JEFFERSON: Beaumont	07-Apr-13		CWB
Spodoptera dolichos	Uvalde: Concan	28-Sep-13		B/K
Spodoptera dolichos	Hidalgo: Alamo	31-Oct-13	01-Nov-13	B/K
Spodoptera eridania	BROOKS: Falfurrias	21-Oct-13	02-Nov-13	B/K
Spodoptera eridania	Hidalgo: Alamo	01-Nov-13		B/K
Spodoptera exigua	Uvalde: Concan	28-Sep-13		B/K
Spodoptera exigua	BROOKS: Falfurrias	21-Oct-13	02-Nov-13	CWB
Spodoptera exigua	Hidalgo: Alamo	22-Oct-13		B/K
Spodoptera frugiperda	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Spodoptera frugiperda	Uvalde: Concan	28-Sep-13		B/K
Spodoptera frugiperda	BROOKS: Falfurrias	21-Oct-13	02-Nov-13	B/K
Spodoptera frugiperda	Hidalgo: Alamo	22-Oct-13		B/K
Spodoptera latifascia	Hidalgo: Alamo	22-Oct-13		B/K
Spodoptera ornithogalli	Uvalde: Concan	28-Sep-13		B/K
Spodoptera ornithogalli	BROOKS: Falfurrias	21-Oct-13	02-Nov-13	B/K
Spodoptera ornithogalli	Hidalgo: Alamo	22-Oct-13		B/K
Elaphria agrotina	Hidalgo: Alamo	23-Oct-13		B/K
Elaphria chalcedonia	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Elaphria chalcedonia	Uvalde: Concan	28-Sep-13		B/K
Elaphria chalcedonia	BROOKS: Falfurrias	21-Oct-13	02-Nov-13	B/K
Elaphria chalcedonia	Hidalgo: Alamo	04-Nov-13		B/K
Elaphria exesa	JEFFERSON: Beaumont	04-Mar-13	22-Mar-13	CWB
Elaphria exesa	JASPER: Martin Dies SP	09-Apr-13		B/K
Elaphria exesa	Uvalde: Concan	28-Sep-13		B/K
Elaphria exesa	Hidalgo: Alamo	04-Nov-13		B/K
Elaphria festivoides	EDWARDS: Camp Wood	04-Mar-13		TH4
Elaphria festivoides	JEFFERSON: Beaumont	07-Mar-13		CWB
Elaphria festivoides	SABINE: Six Mile	16-Mar-13		B/K
Elaphria festivoides	JASPER: Martin Dies SP	09-Apr-13		B/K
Elaphria festivoides	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Elaphria festivoides	Uvalde: Concan	28-Sep-13		B/K
Elaphria fuscimacula	BRAZOS: Hopes Creek Rd.	24-Jan-13		JMC
Elaphria fuscimacula	KERR: Kerrville	15-Mar-13		RSF
Elaphria fuscimacula	Uvalde: Concan	28-Sep-13		B/K
Elaphria georgei	SABINE: Six Mile	16-Mar-13		B/K
Elaphria grata	JEFFERSON: Beaumont	05-Mar-13		CWB
Elaphria nucicolora	JEFFERSON: Beaumont	04-Mar-13	22-Mar-13	CWB
Elaphria nucicolora	Hidalgo: Alamo	23-Oct-13		B/K
Galgula partita	Jefferson: Beaumont	01-Mar-13		CWB
Galgula partita	SABINE: Six Mile	16-Mar-13		B/K
Galgula partita	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Galgula partita	Uvalde: Concan	29-Sep-13		B/K
Galgula partita	Hidalgo: Alamo	04-Nov-13		B/K
Athetis tarda	SABINE: Six Mile	16-Mar-13		B/K
Athetis tarda	JASPER: Martin Dies SP	09-Apr-13		B/K

Athetis tarda	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Dypterygia patina	Uvalde: Concan	28-Sep-13		B/K
Dypterygia patina	Hidalgo: Alamo	04-Nov-13		B/K
Acroria terens	HIDALGO: Alamo	01-Nov-13	30-Nov-13	B/K
Nedra ramosula	BROOKS: Falfurrias	21-Oct-13		CWB
Oligia palliatricula	JASPER: Martin Dies SP	09-Apr-13		B/K
Oligia palliatricula	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Magusa divaricata	Uvalde: Concan	28-Sep-13		B/K
Magusa divaricata	Hidalgo: Alamo	22-Oct-13		B/K
Xystopeplus rufago	MCLENNAN: Harris Creek	23-Mar-13		AG1
Metaxaglaea viatica	SABINE: Six Mile	16-Mar-13		B/K
Mesogona olivata	JOHNSON: Burleson	22-Oct-13		RSF
Orthosia rubescens	SABINE: Six Mile	16-Mar-13		B/K
Egira alternans	SABINE: Six Mile	16-Mar-13		B/K
Egira alternans	JASPER: Martin Dies SP	09-Apr-13		B/K
Achatia distincta	SABINE: Six Mile	16-Mar-13		B/K
Morrisonia confusa	MCLENNAN: Harris Creek	13-Feb-13		AG1
Morrisonia confusa	SABINE: Six Mile	16-Mar-13		B/K
Morrisonia mucens	MCLENNAN: Harris Creek	13-Feb-13		AG1
Morrisonia mucens	Jefferson: Beaumont	07-Mar-13		CWB
Morrisonia mucens	SABINE: Six Mile	16-Mar-13		B/K
Morrisonia mucens	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Faronta diffusa	Uvalde: Concan	28-Sep-13		B/K
Mythimna unipuncta	JASPER: Martin Dies SP	09-Apr-13		B/K
Mythimna unipuncta	Uvalde: Concan	28-Sep-13		B/K
Mythimna unipuncta	ANDERSON: Gus Engling WMA	13-Oct-13		B/K
Mythimna unipuncta	BROOKS: Falfurrias	21-Oct-13	02-Nov-13	B/K
Mythimna unipuncta	KLEBERG: Ricardo	21-Oct-13		CWB
Mythimna unipuncta	Hidalgo: Alamo	22-Oct-13		B/K
Leucania adjuta	JEFFERSON: Beaumont	01-Mar-13	15-Mar-13	CWB
Leucania adjuta	SABINE: Six Mile	16-Mar-13		B/K
Leucania callidior	JASPER: Martin Dies SP	15-Feb-86	09-Apr-13	B/K
STATE RECORD				
Leucania humidicola	Hidalgo: Alamo	04-Nov-13		B/K
Leucania incognita	JEFFERSON: Beaumont	04-Mar-13		CWB
Leucania incognita	SABINE: Six Mile	16-Mar-13		B/K
Leucania incognita	Hidalgo: Alamo	23-Oct-13		B/K
Leucania scirpicola	JASPER: Martin Dies SP	09-Apr-13		B/K
Leucania subpunctata	Hidalgo: Alamo	23-Oct-13		B/K
Lacinipolia erecta	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Lacinipolia erecta	Uvalde: Concan	29-Sep-13		B/K
Lacinipolia erecta	Hidalgo: Alamo	04-Nov-13		B/K
Lacinipolia explicata	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Lacinipolia laudabilis	JEFFERSON: Beaumont	04-Mar-13		CWB
Lacinipolia laudabilis	MCLENNAN: Harris Creek	07-Apr-13		AG1
Lacinipolia laudabilis	Uvalde: Concan	30-Sep-13		B/K
Protorthodes alfkeni	Uvalde: Concan	28-Sep-13		B/K
Protorthodes orobia	KERR: Kerrville	15-Mar-13		RSF
Ulolonche culea	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Orthodes furtiva	BRAZOS: Hopes Creek Rd.	24-Jan-13		JMC
Orthodes furtiva	Uvalde: Concan	28-Sep-13		B/K
Orthodes furtiva	Hidalgo: Alamo	04-Nov-13		B/K
Hexorthodes serrata	Hidalgo: Alamo	04-Nov-13		B/K
Tricholita knudsoni	Uvalde: Concan	28-Sep-13		B/K
Peridroma saucia	JASPER: Martin Dies SP	09-Apr-13		B/K
Peridroma saucia	ANDERSON: Gus Engling WMA	13-Apr-13		B/K
Peridroma saucia	Uvalde: Concan	28-Sep-13		B/K
Peridroma saucia	Hidalgo: Alamo	22-Oct-13		B/K
Anicla espoetia	Uvalde: Concan	28-Sep-13		B/K

Anicla infecta	SABINE: Six Mile	16-Mar-13	B/K
Anicla infecta	JASPER: Martin Dies SP	09-Apr-13	B/K
Anicla infecta	Uvalde: Concan	28-Sep-13	B/K
Anicla infecta	Hidalgo: Alamo	05-Nov-13	B/K
Hemieuxoa rudens	EDWARDS: Camp Wood	08-Mar-13	TH4
Hemieuxoa rudens	MCLENNAN: Harris Creek	07-Apr-13	AG1
Feltia jaculifera	JOHNSON: Burleson	01-Oct-13	RSF
Feltia repleta	Hidalgo: Alamo	22-Oct-13	B/K
Feltia subterranea	SABINE: Six Mile	16-Mar-13	B/K
Feltia subterranea	Uvalde: Concan	28-Sep-13	B/K
Feltia subterranea	Hidalgo: Alamo	22-Oct-13	B/K
Agrotis gladiaria	JOHNSON: Burleson	29-Oct-13	RSF
Agrotis ipsilon	Uvalde: Concan	28-Sep-13	B/K
Agrotis ipsilon	Hidalgo: Alamo	22-Oct-13	B/K
Agrotis malefida	Uvalde: Concan	28-Sep-13	B/K
Agrotis malefida	Hidalgo: Alamo	22-Oct-13	B/K
Cerastis tenebrifera	JOHNSON: Burleson	04-Mar-13	RSF

EUTELIIDAE

Marathyssa basalis	SABINE: Six Mile	16-Mar-13	B/K
Marathyssa basalis	ANDERSON: Gus Engling WMA	13-Apr-13	B/K
Paectes abrostolella	Uvalde: Concan	29-Sep-13	B/K
Paectes abrostoloides At UV Light	JASPER: Martin Dies SP	09-Apr-13	B/K
Paectes nubifera	Hidalgo: Alamo	05-Nov-13	B/K

NOLIDAE

Meganola minuscula	Uvalde: Concan	29-Sep-13	B/K
Meganola phylla	JASPER: Martin Dies SP	09-Apr-13	B/K
Nola cereella	JASPER: Martin Dies SP	09-Apr-13	B/K
Nola cereella	JOHNSON: Hamm Creek Park	17-Aug-13	RSF
Nola cereella	Hidalgo: Alamo	22-Oct-13	05-Dec-13 B/K
Characoma nilotica	MCLENNAN: Harris Creek	15-Sep-11	AG1
Characoma nilotica	JOHNSON: Hamm Creek Park	16-Aug-13	RSF
Characoma nilotica	Hidalgo: Santa Ana NWR	05-Oct-13	MR2
Baileya acadiana	SABINE: Six Mile	16-Mar-13	B/K
Baileya australis	Uvalde: Concan	29-Sep-13	B/K
Baileya ellesyoo	SABINE: Six Mile	16-Mar-13	B/K
Baileya ophthalmica At UV Light	JASPER: Martin Dies SP	09-Apr-13	B/K

Zone 7 Ontario/Quebec Ontario, Quebec

Coordinator: Maxim Larrivee

Contributors Cited:

JC : Jeffrey P. Crolla
ML1 : Maxim Larrivee

D-H : Daniel Handfield
CR3 : Chris Rickard

KEJ : Kyle E. Johnson

General Comments:

This was one of the worst seasons in memory in terms of Lepidoptera diversity and abundance due to the very cold and wet spring that we had and the wet conditions continued almost all summer. I am not aware of any exceptional records except the one from Daniel Handfield for Zanclognatha martha which is a new species for Québec. Two vouchers were deposited in the Canadian National Collection.

ONTARIO

Butterflies

PAPILIONIDAE

Papilio cressphontes video; 2 nectaring on Phlox & Zinnia in rural garden	Leeds-Grenville: 4.5km ESE Delta	21-Aug-13	23-Aug-13	JC
Papilio cressphontes	Leeds-Grenville: 1.5km NE Lyndhurst	23-Aug-13		JC
Papilio glaucus Late; partial 2nd brood	Metropolitan Toronto: Toronto, Jones Ave.	31-Aug-13		JC

NYMPHALIDAE

Erebia mancinus	Thunder Bay: Kabiagon River to Rest Creek	24-Jun-13	KEJ
absent from other sites documented in 2012; even years may be favorable in this area			
Oeneis jutta	Thunder Bay: Rossmere & Rest Creeks	24-Jun-13	KEJ
very early in flight period			
Boloria freija	Thunder Bay: Raith Creek	24-Jun-13	KEJ
worn; very late in flight period			
Boloria frigga	Thunder Bay: Raith Creek	24-Jun-13	KEJ
fair to worn condition			

Moths**CRAMBIDAE**

Crambus alienellus	Rainy River: Nym Lake	24-Jun-13	KEJ
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LIMACODIDAE

Euclea delphinii	Bruce: Cape Chin	03-Jul-13	CR3
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GEOMETRIDAE

Digrammia continuata	Bruce: Cape Chin	20-Jun-13	CR3
Nacophora quernaria	Bruce: Cape Chin	04-Jul-13	CR3
Ennomos magnaria	Bruce: Cape Chin	01-Oct-13	CR3
Dichorda iridaria	Bruce: Cape Chin	04-Jul-13	CR3
Eulithis gracilineata	Bruce: Cape Chin	01-Oct-13	CR3

DREPANIDAE

Drepana arcuata	Bruce: Cape Chin	06-Aug-13	CR3
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LASIOCAMPIDAE

Tolype vellea	Bruce: Cape Chin	01-Oct-13	CR3
Phylodesma americana	Bruce: Cape Chin	18-Jun-13	CR3
Phylodesma americana	Bruce: Cape Chin	02-Jul-13	CR3

SATURNIIDAE

Dryocampa rubicunda	Bruce: Cape Chin	02-Jul-13	CR3
Dryocampa rubicunda	Bruce: Cape Chin	03-Jul-13	CR3
Automeris io	Bruce: Cape Chin	20-Jun-13	CR3
v. Worn			
Automeris io	Bruce: Cape Chin	21-Jun-13	CR3
quite fresh			
Automeris io	Bruce: Cape Chin	02-Jul-13	CR3
Antheraea polyphemus	Bruce: Cape Chin	20-Jun-13	CR3
Antheraea polyphemus	Bruce: Cape Chin	02-Jul-13	CR3
Antheraea polyphemus	Bruce: Cape Chin	03-Jul-13	CR3
Actias luna	Bruce: Cape Chin	01-Jul-13	CR3
quite fresh			
Hyalophora cecropia	Simcoe: Mountainview Estates, Collingwood	12-Jun-13	CR3
attracted to captive F			

SPHINGIDAE

Ceratonia amyntor	Bruce: Cape Chin	06-Aug-13	CR3
Ceratonia undulosa	Bruce: Cape Chin	19-Jun-13	CR3
Ceratonia undulosa	Bruce: Cape Chin	02-Jul-13	CR3
Ceratonia undulosa	Bruce: Cape Chin	01-Oct-13	CR3
Sphinx canadensis	Leeds-Grenville: 4.5km ESE Delta	21-Aug-13	JC
Late			
Sphinx chersis	Bruce: Cape Chin	25-Jul-13	CR3
Lapara bombycoides	Bruce: Cape Chin	08-Jun-13	CR3
Lapara bombycoides	Bruce: Cape Chin	09-Jun-13	CR3
Lapara bombycoides	Bruce: Cape Chin	21-Jun-13	CR3
Smerinthus cerisyi	Bruce: Cape Chin	07-Jun-13	CR3
Smerinthus cerisyi	Bruce: Cape Chin	02-Jul-13	CR3
Smerinthus cerisyi	Bruce: Cape Chin	03-Jul-13	CR3
Smerinthus jamaicensis	Bruce: Cape Chin	04-Jul-13	CR3
Paonias excaecata	Bruce: Cape Chin	03-Jul-13	CR3
Paonias excaecata	Bruce: Cape Chin	04-Jul-13	CR3
Paonias excaecata	Bruce: Cape Chin	05-Aug-13	CR3
Paonias myops	Bruce: Cape Chin	20-Jun-13	CR3
Pachysphinx modesta	Bruce: Cape Chin	08-Jun-13	CR3

<i>Pachysphinx modesta</i>	Bruce: Cape Chin	20-Jun-13	CR3
<i>Pachysphinx modesta</i>	Bruce: Cape Chin	01-Jul-13	CR3
<i>Pachysphinx modesta</i>	Bruce: Cape Chin	25-Jul-13	CR3
<i>Hemaris gracilis</i>	Rainy River: Nym Lake	24-Jun-13	KEJ
<i>Hemaris thysbe</i>	Simcoe: Mountainview Estates, Collingwood	16-Aug-13	CR3
<i>Amphion floridensis</i>	Rainy River: Nym Lake	24-Jun-13	KEJ
<i>Darapsa myron</i>	Bruce: Cape Chin	04-Jul-13	CR3
NOTODONTIDAE			
<i>Clostera albosigma</i>	Bruce: Cape Chin	18-Jun-13	CR3
<i>Clostera inclusa</i>	Bruce: Cape Chin	02-Jul-13	CR3
<i>Pheosia rimosa</i>	Bruce: Cape Chin	06-Aug-13	CR3
<i>Odontosia elegans</i>	Bruce: Cape Chin	05-Aug-13	CR3
<i>Datana angusii</i>	Bruce: Cape Chin	25-Jul-13	CR3
<i>Datana ministra</i>	Bruce: Cape Chin	21-Jun-13	CR3
<i>Peridea ferruginea</i>	Bruce: Cape Chin	06-Aug-13	CR3
<i>Symmerista albifrons</i>	Bruce: Cape Chin	03-Jul-13	CR3
EREBIDAE			
<i>Lycomorpha pholus</i> nectaring on oregano	Bruce: Cape Chin	07-Aug-13	CR3
<i>Hypoprepia fucosa</i>	Bruce: Cape Chin	07-Aug-13	CR3
<i>Arctia caja</i>	Bruce: Cape Chin	06-Aug-13	CR3
<i>Pyrrharctia isabella</i> flying by day	Bruce: Cape Chin	03-Jul-13	CR3
<i>Hyphantria cunea</i>	Bruce: Cape Chin	20-Jun-13	CR3
<i>Hyphantria cunea</i>	Bruce: Cape Chin	02-Jul-13	CR3
<i>Spilosoma congrua</i>	Bruce: Cape Chin	19-Jun-13	CR3
<i>Spilosoma dubia</i>	Bruce: Cape Chin	19-Jun-13	CR3
<i>Halysidota tessellaris</i>	Bruce: Cape Chin	06-Aug-13	CR3
<i>Lophocampa caryae</i>	Bruce: Cape Chin	08-Jun-13	CR3
<i>Cisseps fulvicollis</i>	Simcoe: field on Osler Bluff Rd, Collingwood	16-Aug-13	CR3
<i>Orgyia leucostigma</i>	Bruce: Cape Chin	01-Oct-13	CR3
<i>Scoliopteryx libatrix</i>	Bruce: Cape Chin	03-Jul-13	CR3
<i>Argyrostroma anilis</i>	Bruce: Cape Chin	04-Jul-13	CR3
<i>Catocala amatrix</i> found dead between window & screen Oct 05	Simcoe: Mountainview Estates, Collingwood	01-Sep-13	CR3
NOCTUIDAE			
<i>Panthea acronyctoides</i>	Bruce: Cape Chin	25-Jul-13	CR3
<i>Panthea furcilla</i>	Bruce: Cape Chin	06-Aug-13	CR3
<i>Charadra deridens</i>	Bruce: Cape Chin	03-Jul-13	CR3
<i>Eudryas grata</i>	Bruce: Cape Chin	04-Jul-13	CR3
<i>Eudryas unio</i>	Bruce: Cape Chin	04-Jul-13	CR3
<i>Alypia langtoni</i>	Thunder Bay: Raith Creek	24-Jun-13	KEJ
<i>Feralia comstocki</i>	Bruce: Cape Chin	07-Jun-13	CR3
<i>Noctua pronuba</i>	Bruce: Cape Chin	06-Aug-13	CR3

QUEBEC

Moths

HEPIALIDAE

Sthenopsis auratus : 27 Chemin de la forêt, Rigaud 06-Jul-13 ML1

OECOPHORIDAE

Antaeotricha schlaegeri : 27 Chemin de la forêt, Rigaud 14-Jun-13 ML1

Epicallima argenticinctella : 27 Chemin de la forêt, Rigaud 03-Jul-13 ML1

GELECHIIDAE

Dichomeris inserrata : 27 Chemin de la forêt, Rigaud 03-Jul-13 ML1

COLEOPHORIDAE

Coleophora trifolii : 27 Chemin de la forêt, Rigaud 03-Jul-13 ML1

ARGYRESTHIIDAE

Argyresthia goedartella : 27 Chemin de la forêt, Rigaud 03-Jul-13 ML1

CRAMBIDAE

Anageshna primordialis : 27 Chemin de la forêt, Rigaud 03-Jul-13 ML1

<i>Blepharomastix ranalis</i>	: 27 Chemin de la forêt, Rigaud	21-Jun-13	ML1
<i>Chrysoteuchia topiaria</i>	: 27 Chemin de la forêt, Rigaud	03-Jul-13	ML1
<i>Crambus agitatellus</i>	: 27 Chemin de la forêt, Rigaud	03-Jul-13	ML1
<i>Crambus albellus</i>	: 27 Chemin de la forêt, Rigaud	21-Jun-13	ML1
<i>Desmia maculalis</i>	: 27 Chemin de la forêt, Rigaud	24-Jun-13	ML1
<i>Eurrhyncha hortulata</i>	: 27 Chemin de la forêt, Rigaud	01-Jul-13	ML1
<i>Evergestis pallidata</i>	: 27 Chemin de la forêt, Rigaud	18-Jun-13	ML1
<i>Herpetogramma pertextalis</i>	: 27 Chemin de la forêt, Rigaud	04-Jul-13	ML1
<i>Microcrambus elegans</i>	: 27 Chemin de la forêt, Rigaud	11-Jul-13	ML1
<i>Palpita magniferalis</i>	: 27 Chemin de la forêt, Rigaud	13-Jun-13	ML1
<i>Pantographa limata</i>	: 27 Chemin de la forêt, Rigaud	06-Jul-13	ML1
<i>Parapoynx badiusalis</i>	: 27 Chemin de la forêt, Rigaud	08-Jul-13	ML1
<i>Pyrausta acronalis</i>	: 27 Chemin de la forêt, Rigaud	26-Aug-13	ML1
<i>Scoparia biplagiata</i>	: 27 Chemin de la forêt, Rigaud	20-Jun-13	ML1
<i>Sitochroa palealis</i>	: 27 Chemin de la forêt, Rigaud	17-Jul-13	ML1
<i>Urola nivalis</i>	: 27 Chemin de la forêt, Rigaud	01-Jul-13	ML1
PYRALIDAE			
<i>Pyralis farinalis</i>	: 27 Chemin de la forêt, Rigaud	11-Jul-13	ML1
<i>Hypsopygia costalis</i>	: 27 Chemin de la forêt, Rigaud	03-Jul-13	ML1
<i>Tosale oviplagiata</i>	: 27 Chemin de la forêt, Rigaud	01-Jul-13	ML1
<i>Condylolomia participalis</i>	: 27 Chemin de la forêt, Rigaud	03-Jul-13	ML1
<i>Oneida lunulalis</i>	: 27 Chemin de la forêt, Rigaud	03-Jul-13	ML1
<i>Pococera asperatella</i>	: 27 Chemin de la forêt, Rigaud	24-Jun-13	ML1
<i>Pococera expandens</i>	: 27 Chemin de la forêt, Rigaud	15-Jun-13	ML1
<i>Acrobasis demotella</i>	: 27 Chemin de la forêt, Rigaud	18-Jun-13	ML1
<i>Dolichomia olinalis</i>	: 27 Chemin de la forêt, Rigaud	01-Jul-13	ML1
SESIIDAE			
<i>Synanthedon acerni</i>	: 27 Chemin de la forêt, Rigaud	15-Jun-13	ML1
<i>Synanthedon exitiosa</i>	: 27 Chemin de la forêt, Rigaud	27-Jun-13	ML1
LIMACODIDAE			
<i>Packardia geminata</i>	: 27 Chemin de la forêt, Rigaud	21-Jun-13	ML1
<i>Lithacodes fasciola</i>	: 27 Chemin de la forêt, Rigaud	03-Jul-13	ML1
<i>Apoda y-inversum</i>	: 27 Chemin de la forêt, Rigaud	03-Jul-13	ML1
<i>Euclea delphinii</i>	: 27 Chemin de la forêt, Rigaud	01-Jul-13	ML1
TORTRICIDAE			
<i>Olethreutes feriferana</i>	: 27 Chemin de la forêt, Rigaud	03-Jul-13	ML1
<i>Olethreutes ferrolinaeana</i>	: 27 Chemin de la forêt, Rigaud	03-Jul-13	ML1
<i>Epiblema otiosana</i>	: 27 Chemin de la forêt, Rigaud	03-Jul-13	ML1
<i>Argyrotaenia quercifolia</i>	: 27 Chemin de la forêt, Rigaud	25-Jun-13	ML1
<i>Choristoneura fractivittana</i>	: 27 Chemin de la forêt, Rigaud	20-Jun-13	ML1
<i>Choristoneura rosaceana</i>	: 27 Chemin de la forêt, Rigaud	03-Jul-13	ML1
<i>Archips purpurana</i>	: 27 Chemin de la forêt, Rigaud	13-Jun-13	ML1
<i>Cenopis pettitana</i>	: 27 Chemin de la forêt, Rigaud	24-Jun-13	ML1
<i>Sparganothis sulfureana</i>	: 27 Chemin de la forêt, Rigaud	24-Jun-13	ML1
<i>Platynota idaeusalis</i>	: 27 Chemin de la forêt, Rigaud	14-Jun-13	ML1
EPIPLEMIDAE			
<i>Calledapteryx dryopterata</i>	: 27 Chemin de la forêt, Rigaud	26-Aug-13	ML1
GEOMETRIDAE			
<i>Macaria aemulataria</i>	: 27 Chemin de la forêt, Rigaud	20-Jun-13	ML1
<i>Macaria pustularia</i>	: 27 Chemin de la forêt, Rigaud	03-Jul-13	ML1
<i>Iridopsis larvaria</i>	: 27 Chemin de la forêt, Rigaud	06-Jul-13	ML1
<i>Ectropis crepuscularia</i>	: 27 Chemin de la forêt, Rigaud	01-Jul-13	ML1
<i>Biston betularia</i>	: 27 Chemin de la forêt, Rigaud	27-Jun-13	ML1
<i>Hypagyrtis piniata</i>	: 27 Chemin de la forêt, Rigaud	19-Jun-13	ML1
<i>Hypagyrtis unipunctata</i>	: 27 Chemin de la forêt, Rigaud	18-Jun-13	ML1
<i>Lytrosia unitaria</i>	: 27 Chemin de la forêt, Rigaud	08-Jul-13	ML1
<i>Xanthotype sospeta</i>	: 27 Chemin de la forêt, Rigaud	03-Jul-13	ML1
<i>Xanthotype urticaria</i>	: 27 Chemin de la forêt, Rigaud	24-Jun-13	ML1
<i>Nacophora quernaria</i>	: 27 Chemin de la forêt, Rigaud	22-Jun-13	ML1

<i>Campaea perlata</i>	: 27 Chemin de la forêt, Rigaud	14-Jun-13	ML1
<i>Ennomos subsignaria</i>	: 27 Chemin de la forêt, Rigaud	11-Jul-13	ML1
<i>Cepphis armataria</i>	: 27 Chemin de la forêt, Rigaud	11-Jul-13	ML1
<i>Probole alienaria</i>	: 27 Chemin de la forêt, Rigaud	20-Jun-13	ML1
<i>Plagodis serinaria</i>	: 27 Chemin de la forêt, Rigaud	18-Jun-13	ML1
<i>Sicya macularia</i>	: 27 Chemin de la forêt, Rigaud	01-Jul-13	ML1
<i>Eugonobapta nivosaria</i>	: 27 Chemin de la forêt, Rigaud	03-Jul-13	ML1
<i>Prochoerodes lineola</i>	: 27 Chemin de la forêt, Rigaud	08-Jul-13	ML1
<i>Nematocampa resistaria</i>	: 27 Chemin de la forêt, Rigaud	03-Jul-13	ML1
<i>Nemoria bistriaria</i>	: 27 Chemin de la forêt, Rigaud	17-Jul-13	ML1
<i>Synchlora aerata</i>	: 27 Chemin de la forêt, Rigaud	01-Jul-13	ML1
<i>Idaea dimidiata</i>	: 27 Chemin de la forêt, Rigaud	27-Jun-13	ML1
<i>Scopula junctaria</i>	: 27 Chemin de la forêt, Rigaud	08-Jul-13	ML1
<i>Scopula limboundata</i>	: 27 Chemin de la forêt, Rigaud	24-Jun-13	ML1
<i>Dysstroma hersiliata</i>	: 27 Chemin de la forêt, Rigaud	25-Jun-13	ML1
<i>Eulithis diversilineata</i>	: 27 Chemin de la forêt, Rigaud	03-Jul-13	ML1
<i>Xanthorhoe labradorensis</i>	: 27 Chemin de la forêt, Rigaud	27-Jul-13	ML1
<i>Eubaphe mendica</i>	: 27 Chemin de la forêt, Rigaud	03-Jul-13	ML1
<i>Horisme intestinata</i>	: 27 Chemin de la forêt, Rigaud	04-Jul-13	ML1
<i>Eupithecia absinthiata</i>	: 27 Chemin de la forêt, Rigaud	05-Jul-13	ML1
<i>Chloroclystis rectangulata</i>	: 27 Chemin de la forêt, Rigaud	14-Jun-13	ML1
<i>Heterophleps triguttaria</i>	: 27 Chemin de la forêt, Rigaud	11-Jul-13	ML1
THYATIRIDAE			
<i>Habrosyne scripta</i>	: 27 Chemin de la forêt, Rigaud	17-Jul-13	ML1
DREPANIDAE			
<i>Drepana arcuata</i>	: 27 Chemin de la forêt, Rigaud	20-Jun-13	ML1
<i>Oreta rosea</i>	: 27 Chemin de la forêt, Rigaud	14-Jun-13	ML1
LASIOCAMPIDAE			
<i>Malacosoma disstria</i>	: 27 Chemin de la forêt, Rigaud	01-Jul-13	ML1
SATURNIIDAE			
<i>Eacles imperialis</i>	: 27 Chemin de la forêt, Rigaud	03-Jul-13	ML1
<i>Dryocampa rubicunda</i>	: 27 Chemin de la forêt, Rigaud	14-Jun-13	ML1
<i>Antheraea polyphemus</i>	: 27 Chemin de la forêt, Rigaud	08-Jul-13	ML1
SPHINGIDAE			
<i>Ceratomia undulosa</i>	: 27 Chemin de la forêt, Rigaud	08-Jul-13	ML1
<i>Lapara bombycoides</i>	: 27 Chemin de la forêt, Rigaud	03-Jul-13	ML1
<i>Laothoe juglandis</i>	: 27 Chemin de la forêt, Rigaud	03-Jul-13	ML1
<i>Pachysphinx modesta</i>	: 27 Chemin de la forêt, Rigaud	11-Jul-13	ML1
<i>Darapsa myron</i>	: 27 Chemin de la forêt, Rigaud	03-Jul-13	ML1
NOTODONTIDAE			
<i>Clostera strigosa</i>	: 27 Chemin de la forêt, Rigaud	17-Jun-13	ML1
<i>Gluphisia septentrionis</i>	: 27 Chemin de la forêt, Rigaud	24-Jun-13	ML1
<i>Datana drexelii</i>	: 27 Chemin de la forêt, Rigaud	14-Jun-13	ML1
<i>Datana ministra</i>	: 27 Chemin de la forêt, Rigaud	14-Jun-13	ML1
<i>Nadata gibbosa</i>	: 27 Chemin de la forêt, Rigaud	01-Jul-13	ML1
<i>Peridea angulosa</i>	: 27 Chemin de la forêt, Rigaud	14-Jul-13	ML1
<i>Peridea basitriens</i>	: 27 Chemin de la forêt, Rigaud	14-Jul-13	ML1
<i>Peridea ferruginea</i>	: 27 Chemin de la forêt, Rigaud	03-Jul-13	ML1
<i>Ellida caniplaga</i>	: 27 Chemin de la forêt, Rigaud	03-Jul-13	ML1
<i>Heterocampa guttivitta</i>	: 27 Chemin de la forêt, Rigaud	13-Jun-13	ML1
<i>Heterocampa umbrata</i>	: 27 Chemin de la forêt, Rigaud	18-Jun-13	ML1
<i>Schizura ipomoeae</i>	: 27 Chemin de la forêt, Rigaud	14-Jul-13	ML1
<i>Schizura unicornis</i>	: 27 Chemin de la forêt, Rigaud	24-Jun-13	ML1
EREBIDAE			
<i>Hypoprepia fucosa</i>	: 27 Chemin de la forêt, Rigaud	06-Jul-13	ML1
<i>Clemensia albata</i>	: 27 Chemin de la forêt, Rigaud	21-Jun-13	ML1
<i>Virbia laeta</i>	: 27 Chemin de la forêt, Rigaud	14-May-13	ML1
<i>Grammia parthenice</i>	: 27 Chemin de la forêt, Rigaud	11-Jul-13	ML1
<i>Grammia virgo</i>	: 27 Chemin de la forêt, Rigaud	14-Jul-13	ML1

<i>Apantesis nais</i>	: 27 Chemin de la forêt, Rigaud	14-Jun-13	ML1
<i>Pyrrharctia isabella</i>	: 27 Chemin de la forêt, Rigaud	01-Jul-13	ML1
<i>Spilosoma virginica</i>	: 27 Chemin de la forêt, Rigaud	13-Jun-13	ML1
<i>Haploa contigua</i>	: 27 Chemin de la forêt, Rigaud	14-Jul-13	ML1
<i>Haploa lecontei</i>	: 27 Chemin de la forêt, Rigaud	25-Jun-13	ML1
<i>Euchaetes egle</i>	: 27 Chemin de la forêt, Rigaud	17-Jul-13	ML1
<i>Halysidota tessellaris</i>	: 27 Chemin de la forêt, Rigaud	20-Jun-13	ML1
<i>Lophocampa caryae</i>	: 27 Chemin de la forêt, Rigaud	14-Jun-13	ML1
<i>Lophocampa maculata</i>	: 27 Chemin de la forêt, Rigaud	03-Jul-13	ML1
<i>Idia aemula</i>	: 27 Chemin de la forêt, Rigaud	03-Jul-13	ML1
<i>Idia americalis</i>	: 27 Chemin de la forêt, Rigaud	01-Jul-13	ML1
<i>Idia lubricalis</i>	: 27 Chemin de la forêt, Rigaud	27-Jun-13	ML1
<i>Idia scobialis</i>	: 27 Chemin de la forêt, Rigaud	17-Jul-13	ML1
<i>Zanclognatha cruralis</i>	: 27 Chemin de la forêt, Rigaud	18-Jun-13	ML1
<i>Zanclognatha jacchusalis</i>	: 27 Chemin de la forêt, Rigaud	17-Jul-13	ML1
<i>Zanclognatha laevigata</i>	: 27 Chemin de la forêt, Rigaud	17-Jul-13	ML1
<i>Zanclognatha martha</i>	: St. Antoine Abbé Réserve Écologique du Pin Rigide	07-Jul-13	D-H
<i>Zanclognatha pedipilalis</i>	: 27 Chemin de la forêt, Rigaud	13-Jun-13	ML1
<i>Chytolita morbidalis</i>	: 27 Chemin de la forêt, Rigaud	14-Jun-13	ML1
<i>Chytolita petrealis</i>	: 27 Chemin de la forêt, Rigaud	27-Jun-13	ML1
<i>Renia flavipunctalis</i>	: 27 Chemin de la forêt, Rigaud	01-Jul-13	ML1
<i>Palthis angulalis</i>	: 27 Chemin de la forêt, Rigaud	20-Jun-13	ML1
<i>Palthis asopialis</i>	: 27 Chemin de la forêt, Rigaud	24-Jun-13	ML1
<i>Hypena baltimoralis</i>	: 27 Chemin de la forêt, Rigaud	03-Jul-13	ML1
<i>Hypena bijugalis</i>	: 27 Chemin de la forêt, Rigaud	27-Jun-13	ML1
<i>Hypena deceptalis</i>	: 27 Chemin de la forêt, Rigaud	01-Jul-13	ML1
<i>Panopoda rufimargo</i>	: 27 Chemin de la forêt, Rigaud	27-Jun-13	ML1
<i>Catocala blandula</i>	: 27 Chemin de la forêt, Rigaud	27-Jul-13	ML1
<i>Catocala neogama</i>	: 27 Chemin de la forêt, Rigaud	26-Aug-13	ML1
<i>Catocala palaeogama</i>	: 27 Chemin de la forêt, Rigaud	26-Aug-13	ML1
<i>Catocala ultronia</i>	: 27 Chemin de la forêt, Rigaud	11-Sep-13	ML1
NOCTUIDAE			
<i>Allagrapha aerea</i>	: 27 Chemin de la forêt, Rigaud	03-Jul-13	ML1
<i>Autographa ampla</i>	: 27 Chemin de la forêt, Rigaud	03-Jul-13	ML1
<i>Autographa bimaculata</i>	: 27 Chemin de la forêt, Rigaud	27-Jul-13	ML1
<i>Autographa precationis</i>	: 27 Chemin de la forêt, Rigaud	27-Jul-13	ML1
<i>Syngrapha viridisigma</i>	: 27 Chemin de la forêt, Rigaud	27-Jul-13	ML1
<i>Maliattha synochitis</i>	: 27 Chemin de la forêt, Rigaud	14-Jun-13	ML1
<i>Cerma cerintha</i>	: 27 Chemin de la forêt, Rigaud	03-Jul-13	ML1
<i>Ponometia erastrioides</i>	: 27 Chemin de la forêt, Rigaud	03-Jul-13	ML1
<i>Colocasia propinquilinea</i>	: 27 Chemin de la forêt, Rigaud	13-Jun-13	ML1
<i>Charadra deridens</i>	: 27 Chemin de la forêt, Rigaud	01-Jul-13	ML1
<i>Raphia frater</i>	: 27 Chemin de la forêt, Rigaud	01-Jul-13	ML1
<i>Acronicta americana</i>	: 27 Chemin de la forêt, Rigaud	11-Jul-13	ML1
<i>Acronicta innotata</i>	: 27 Chemin de la forêt, Rigaud	27-Jun-13	ML1
<i>Acronicta morula</i>	: 27 Chemin de la forêt, Rigaud	14-Jul-13	ML1
<i>Eudryas grata</i>	: 27 Chemin de la forêt, Rigaud	17-Jul-13	ML1
<i>Adita chionanthi</i>	: 27 Chemin de la forêt, Rigaud	11-Sep-13	ML1
<i>Homophoberia apicosa</i>	: 27 Chemin de la forêt, Rigaud	27-Jun-13	ML1
<i>Leuconycta diptheroides</i>	: 27 Chemin de la forêt, Rigaud	04-Jul-13	ML1
<i>Leuconycta lepidula</i>	: 27 Chemin de la forêt, Rigaud	03-Jul-13	ML1
<i>Callopietria mollissima</i>	: 27 Chemin de la forêt, Rigaud	01-Jul-13	ML1
<i>Pseudeustrotia carneola</i>	: 27 Chemin de la forêt, Rigaud	27-Jun-13	ML1
<i>Enargia decolor</i>	: 27 Chemin de la forêt, Rigaud	24-Jun-13	ML1
<i>Phlogophora iris</i>	: 27 Chemin de la forêt, Rigaud	03-Jul-13	ML1
<i>Oligia palliatricula</i>	: 27 Chemin de la forêt, Rigaud	14-Jun-13	ML1
<i>Amphipoea americana</i>	: 27 Chemin de la forêt, Rigaud	26-Aug-13	ML1
<i>Papaipema inquaesita</i>	: 27 Chemin de la forêt, Rigaud	03-Sep-13	ML1
<i>Papaipema pterisii</i>	: 27 Chemin de la forêt, Rigaud	03-Sep-13	ML1

Lithophane innominata	: 27 Chemin de la forêt, Rigaud	11-Sep-13	ML1
Ochropleura implecta	: 27 Chemin de la forêt, Rigaud	27-Jun-13	ML1
Cryptocala acadensis	: 27 Chemin de la forêt, Rigaud	27-Jul-13	ML1
Anaplectoides prasina	: 27 Chemin de la forêt, Rigaud	11-Jul-13	ML1
Xestia dolosa	: 27 Chemin de la forêt, Rigaud	01-Jul-13	ML1
EUTELIIDAE			
Marathyssa inficita	: 27 Chemin de la forêt, Rigaud	27-Jun-13	ML1

Zone 8 Midwest

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

Coordinator: Leslie A. Ferge

Contributors Cited:

JKA : James K. Adams	DRB : Dwayne R. Badgero	GJB : George J. Balogh
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MET : Michael E. Toliver	JWJ : John Weber, Jr	

General Comments:

Reports of general conditions were received for Iowa, Minnesota, Michigan and Wisconsin. The 2013 season contrasted markedly with 2012, with a very late, cool and wet spring reported. Summer temperatures were average to slightly below average. Rainfall later in the season varied over the region, with dry conditions in late summer in Iowa and southern Wisconsin. Most contributors reported low numbers of most butterfly species, and moth numbers seemed low as well. The appearance of southern migrants northward also was much less than the past several seasons, however good numbers were reported from Iowa and Illinois. Although a few species such as *Euptoieta claudia*, *Junonia coenia* and *Magusa divaricata* moved quite far northward, they were reported as single individuals or in very low numbers. Monarchs arrived late and were seen in alarmingly low numbers, with a very thin southward migration. *Hyles lineata* had a population explosion in Iowa, and became numerous in Illinois and southern Wisconsin in late September, and extended into Minnesota's Cass and Cook Counties.

ILLINOIS

John Schwartz commented on changes observed over many years in the Elgin area. Habitat destruction, particularly in the local forest preserves, continues unabated. Colonies of butterflies such as American coppers were discovered only to be immediately wiped out by extremely frequent prescribed burns in the "preserves", along with a nearly obsessive destruction of wild cherry trees. The forest preserves have now become little more than city parks. Saturniid moths seem to be disappearing dramatically. Not a single *C. promethea* cocoon could be found where previously dozens of cocoons were readily found in small patches of wild cherry trees, in spite of searching at preserves and parks up to 35 miles away. The same seems to hold true for *H. cecropia* and *A. polyphemus*. He found butterfly numbers down in general, and noted low numbers of Monarchs. Mike Toliver, reporting from Eureka, Woodford County, didn't see any *D. plexippus* until August 1, and very few thereafter. *Vanessa cardui* was common in September and October, flying until mid-November. *Poanes zabulon* was common from mid-August until the end of August.

Butterflies

HESPERIIDAE

<i>Epargyreus clarus</i>	Johnson: 1 mile S of Trigg Tower	31-Aug-13	30-Aug-13	MLL
<i>Pholisora catullus</i>	Pope: New Home Road at Straight St.	10-Aug-13		MLL
<i>Erynnis horatius</i>	Pope: New Home Road at Straight St.	10-Aug-13	01-Sep-13	MLL
<i>Hylephila phyleus</i>	Union: Pine Hills Recreation Area	11-Aug-13		MLL
<i>Hylephila phyleus</i>	Pope: 0.5 mile SE of Barger Lake	01-Sep-13		MLL
<i>Hesperia leonardus</i>	Johnson: 1 mile S of Trigg Tower	31-Aug-13		MLL
<i>Atalopedes campestris</i>	Union: Pine Hills Recreation Area	11-Aug-13	30-Aug-13	MLL
<i>Atalopedes campestris</i>	Johnson: 1 mile S of Trigg Tower	31-Aug-13		MLL
<i>Atalopedes campestris</i>	Pope: 0.5 mile SE of Barger Lake	01-Sep-13		MLL
<i>Polites themistocles</i>	Pope: New Home Road at Straight St.	10-Aug-13	01-Sep-13	MLL
<i>Polites themistocles</i>	Johnson: 0.5 mile SE of Barger Lake	31-Aug-13		MLL
<i>Wallengrenia egeremet</i>	Pope: New Home Road at Straight St.	10-Aug-13	01-Sep-13	MLL
<i>Pompeius verna</i>	Pope: 0.5 mile SE of Barger Lake	01-Sep-13		MLL
<i>Anatrytone logan</i>	Union: Pine Hills Recreation Area	11-Aug-13		MLL

Poanes zabulon	Union: Pine Hills Recreation Area	11-Aug-13	30-Aug-13	MLL
Poanes zabulon	Johnson: 0.5 mile SE of Barger Lake	01-Sep-13		MLL
Euphyes dion	Union: Clear Creek Levee Rd south of Bluff Lake	30-Aug-13		MLL
Euphyes vestris	Pope: New Home Road at Straight St.	10-Aug-13	01-Sep-13	MLL
Euphyes vestris	Union: Pine Hills Recreation Area	11-Aug-13		MLL
Panoquina ocola	WOODFORD: Eureka	23-Sep-13		MET
one individual nectaring on Buddlea				
PAPILIONIDAE				
Eurytides marcellus	Union: Pine Hills Recreation Area	11-Aug-13		MLL
Battus philenor	Johnson: 0.5 mile SE of Barger Lake	01-Sep-13		MLL
Papilio glaucus	Jackson: IL HWY 3 at Oakwood Bottom Road	09-Aug-13		MLL
Papilio glaucus	Pope: New Home Road at Straight St.	10-Aug-13		MLL
Papilio glaucus	Union: Pine Hills Recreation Area	11-Aug-13		MLL
Papilio glaucus	Johnson: 1 mile S of Trigg Tower	31-Aug-13		MLL
Papilio polyxenes	Lee: Co. Road 2900 E near IL HWY 92	05-May-13		MLL
Papilio polyxenes	Jackson: IL HWY 3 at Oakwood Bottom Road	09-Aug-13		MLL
Papilio troilus	Jackson: IL HWY 3 at Oakwood Bottom Road	09-Aug-13	31-Aug-13	MLL
Papilio troilus	Union: Pine Hills Recreation Area	11-Aug-13	30-Aug-13	MLL
PIERIDAE				
Pieris rapae	Lee: Co. Road 2900 E near IL HWY 92	05-May-13		MLL
Colias eurytheme	Lee: Co. Road 2900 E near IL HWY 92	05-May-13		MLL
Colias eurytheme	Union: Pine Hills Recreation Area	11-Aug-13		MLL
Colias eurytheme	Kane: Elgin	26-Sep-13		JDS
observed ovipositing				
Colias philodice	Kane: Elgin	26-Sep-13		JDS
observed ovipositing				
Phoebis sennae	Union: Pine Hills Recreation Area	11-Aug-13		MLL
Phoebis sennae	Pope: Pope Co Road Sec 61 SE near IL HWY 145	01-Sep-13		MLL
Pyrisitia lisa	Union: Pine Hills Recreation Area	11-Aug-13		MLL
Pyrisitia lisa	Pope: 0.5 mile SE of Barger Lake	01-Sep-13		MLL
LYCAENIDAE				
Feniseca tarquinius	Union: Pine Hills Recreation Area	11-Aug-13	#####	MLL
Feniseca tarquinius	Pope: 0.5 mile SE of Barger Lake	01-Sep-13		MLL
Calycopis cecrops	Pope: 0.5 mile SE of Barger Lake	01-Sep-13		MLL
Cupido comyntas	Union: Pine Hills Recreation Area	11-Aug-13		MLL
Cupido comyntas	Johnson: 1 mile S of Trigg Tower	31-Aug-13		MLL
Cupido comyntas	Pope: 0.5 mile SE of Barger Lake	01-Sep-13		MLL
Celastrina ladon	Cook : Evanston	10-Jun-13		SJP
Celastrina neglecta	Union: Pine Hills Recreation Area	11-Aug-13		MLL
Celastrina neglectamajor	Union: Pine Hills Recreation Area	11-Aug-13		MLL
NYMPHALIDAE				
Libytheana carinenta	Union: Pine Hills Recreation Area	11-Aug-13	30-Aug-13	MLL
Libytheana carinenta	Pope: 0.5 mile SE of Barger Lake	01-Sep-13		MLL
Danaus plexippus	Cook : Evanston	10-Jun-13		SJP
Lethe anthedon	Union: Pine Hills Recreation Area	11-Aug-13		MLL
Lethe anthedon	Johnson: 1 mile S of Trigg Tower	31-Aug-13		MLL
Lethe anthedon	Pope: 0.5 mile SE of Barger Lake	01-Sep-13		MLL
Cyllopsis gemma	Pope: Straight St at Lusk Creek	10-Aug-13	01-Sep-13	MLL
Hermeuptychia sosybius	Pope: 0.5 mile SE of Barger Lake	01-Sep-13		MLL
Boloria bellona	Bureau: Co. Road 2900 E near IL HWY 92	05-May-13		MLL
Limenitis arthemis	Union: Pine Hills Recreation Area	11-Aug-13	30-Aug-13	MLL
Limenitis arthemis	Johnson: 1 mile S of Trigg Tower	31-Aug-13	01-Sep-13	MLL
Asterocampa celtis	Union: Pine Hills Recreation Area	11-Aug-13	30-Aug-13	MLL
Asterocampa celtis	Johnson: 1 mile S of Trigg Tower	31-Aug-13		MLL
Asterocampa celtis	Pope: 0.5 mile SE of Barger Lake	01-Sep-13		MLL
Asterocampa clyton	Johnson: 1 mile S of Trigg Tower	31-Aug-13		MLL
Polygonia comma	Union: Pine Hills Recreation Area	11-Aug-13		MLL
Polygonia comma	Pope: Pope Co Road Sec 61 SE near IL HWY 145	31-Aug-13	01-Sep-13	MLL
Polygonia interrogationis	Jackson: IL HWY 3 at Oakwood Bottom Road	09-Aug-13		MLL
Polygonia interrogationis	Union: Pine Hills Recreation Area	11-Aug-13		MLL

<i>Polygonia interrogationis</i>	Pope: 0.5 mile SE of Barger Lake	01-Sep-13	MLL
<i>Junonia coenia</i>	Pope: 0.5 mile SE of Barger Lake	01-Sep-13	MLL
<i>Chlosyne nycteis</i>	Union: Pine Hills Recreation Area	11-Aug-13	MLL
<i>Phyciodes tharos</i>	Jackson: IL HWY 3 at Oakwood Bottom Road	09-Aug-13	MLL
Moths			
YPONOMEUTIDAE			
<i>Atteva aurea</i>	Cook : Evanston	20-Jun-13	SJP
GEOMETRIDAE			
<i>Cleora sublunaria</i>	Johnson: 2 miles East of Grantsburg	05-Apr-13	SCB
<i>Lomographa glomeraria</i>	Johnson: 2 miles East of Grantsburg	05-Apr-13	SCB
<i>Eutrapela clemataria</i>	Johnson: 2 miles East of Grantsburg	05-Apr-13	SCB
<i>Haematopis grataria</i>	Cook : Skokie	19-Jul-13	SJP
SPHINGIDAE			
<i>Paonias excaecata</i>	Cook : Evanston	27-Jun-13	SJP
<i>Hyles lineata</i> experienced a surge in 2013	Kane: Elgin	22-Sep-13	JDS
<i>Hyles lineata</i>	Cook : Evanston	05-Oct-13	SJP
EREBIDAE			
<i>Haploa clymene</i>	Cook : Evanston	18-Jul-13	SJP
<i>Hypena scabra</i>	Johnson: 2 miles East of Grantsburg	05-Apr-13	SCB
<i>Phoberia atomaris</i>	Johnson: 2 miles East of Grantsburg	05-Apr-13	SCB
<i>Zale lunifera</i>	Johnson: 2 miles East of Grantsburg	05-Apr-13	SCB
NOCTUIDAE			
<i>Trichoplusia ni</i>	Cook : Evanston	06-Oct-13	SJP
<i>Anagrapha falcifera</i>	Cook : Evanston	08-Aug-13	18-Aug-13 SJP
<i>Psaphida electilis</i>	Johnson: 2 miles East of Grantsburg	05-Apr-13	SCB
<i>Psaphida resumens</i>	Johnson: 2 miles East of Grantsburg	05-Apr-13	SCB
<i>Copivaleria grotei</i>	Johnson: 2 miles East of Grantsburg	05-Apr-13	SCB
<i>Helicoverpa zea</i>	Cook : Evanston	06-Oct-13	SJP
<i>Lithophane antennata</i>	Johnson: 2 miles East of Grantsburg	05-Apr-13	SCB
<i>Lithophane bethunei</i>	Johnson: 2 miles East of Grantsburg	05-Apr-13	SCB
<i>Lithophane signosa</i>	Johnson: 2 miles East of Grantsburg	05-Apr-13	SCB
<i>Lithophane unimoda</i>	Johnson: 2 miles East of Grantsburg	05-Apr-13	SCB
<i>Eupsilia tristigmata</i>	Johnson: 2 miles East of Grantsburg	05-Apr-13	SCB
<i>Sericaglaea signata</i>	Johnson: 2 miles East of Grantsburg	05-Apr-13	SCB
<i>Sunira bicolorago</i>	Cook : Evanston	31-Oct-13	SJP
<i>Orthosia alurina</i>	Johnson: 2 miles East of Grantsburg	05-Apr-13	SCB
<i>Orthosia garmani</i>	Johnson: 2 miles East of Grantsburg	05-Apr-13	SCB
<i>Orthosia hibisci</i>	Johnson: 2 miles East of Grantsburg	05-Apr-13	SCB
<i>Orthosia rubescens</i>	Johnson: 2 miles East of Grantsburg	05-Apr-13	SCB
<i>Himella fidelis</i>	Johnson: 2 miles East of Grantsburg	05-Apr-13	SCB
<i>Achatia distincta</i>	Johnson: 2 miles East of Grantsburg	05-Apr-13	SCB
<i>Mythimna unipuncta</i>	Johnson: 2 miles East of Grantsburg	05-Apr-13	SCB
<i>Peridroma saucia</i>	Johnson: 2 miles East of Grantsburg	05-Apr-13	SCB
<i>Cerastis tenebrifera</i>	Johnson: 2 miles East of Grantsburg	05-Apr-13	SCB
<i>Noctua pronuba</i>	Cook : Evanston	18-Jun-13	SJP
<i>Xestia dolosa</i>	Cook : Evanston	31-Oct-13	SJP

INDIANA

Leroy Koehn reported records for a survey in the Leavenworth Barrens Nature Preserve within the Harrison-Crawford State Forest, Harrison County.

Moths

NOCTUIDAE

<i>Psaphida electilis</i>	HARRISON: Leavenworth Barrens -Tower Rd 1.4 Mi SE of SR 66	23-Sep-13	LCK
<i>Resapamea passer</i>	HARRISON: Leavenworth Barrens -Tower Rd 1.4 Mi SE of SR 66	23-Sep-13	LCK
<i>Meropleon diversicolor</i>	HARRISON: Leavenworth Barrens -Tower Rd 1.4 Mi SE of SR 66	23-Sep-13	LCK
<i>Papaipema baptisiae</i>	HARRISON: Leavenworth Barrens -Tower Rd 1.4 Mi SE of SR 66	23-Sep-13	LCK
<i>Papaipema cerussata</i>	HARRISON: Leavenworth Barrens -Tower Rd 1.4 Mi SE of SR 66	23-Sep-13	LCK
<i>Papaipema duplicatus</i>	HARRISON: Leavenworth Barrens -Tower Rd 1.4 Mi SE of SR 66	23-Sep-13	LCK

Papaipema eupatorii	HARRISON: Leavenworth Barrens -Tower Rd 1.4 Mi SE of SR 66	23-Sep-13		LCK
Papaipema leucostigma	HARRISON: Leavenworth Barrens -Tower Rd 1.4 Mi SE of SR 66	23-Sep-13		LCK
Papaipema polymniae	HARRISON: Leavenworth Barrens -Tower Rd 1.4 Mi SE of SR 66	23-Sep-13		LCK
Papaipema rigida	HARRISON: Leavenworth Barrens -Tower Rd 1.4 Mi SE of SR 66	23-Sep-13		LCK
Papaipema silphii	HARRISON: Leavenworth Barrens -Tower Rd 1.4 Mi SE of SR 66	23-Sep-13		LCK
Lithophane antennata	HARRISON: Leavenworth Barrens -Tower Rd 1.4 Mi SE of SR 66	04-Dec-13		LCK
Lithophane bethunei	HARRISON: Leavenworth Barrens -Tower Rd 1.4 Mi SE of SR 66	04-Dec-13		LCK
Lithophane grotei	HARRISON: Leavenworth Barrens -Tower Rd 1.4 Mi SE of SR 66	04-Dec-13		LCK
Lithophane hemina	HARRISON: Leavenworth Barrens -Tower Rd 1.4 Mi SE of SR 66	04-Dec-13		LCK
Lithophane joannis	HARRISON: Leavenworth Barrens -Tower Rd 1.4 Mi SE of SR 66	04-Dec-13		LCK
Lithophane querquera	HARRISON: Leavenworth Barrens -Tower Rd 1.4 Mi SE of SR 66	04-Dec-13		LCK
Lithophane unimoda	HARRISON: Leavenworth Barrens -Tower Rd 1.4 Mi SE of SR 66	04-Dec-13		LCK
Pyreferra hesperidago	HARRISON: Leavenworth Barrens -Tower Rd 1.4 Mi SE of SR 66	04-Dec-13		LCK
Eupsilia cirripalea	HARRISON: Leavenworth Barrens -Tower Rd 1.4 Mi SE of SR 66	04-Dec-13		LCK
Eupsilia morrisoni	HARRISON: Leavenworth Barrens -Tower Rd 1.4 Mi SE of SR 66	04-Dec-13		LCK
Eupsilia sidus	HARRISON: Leavenworth Barrens -Tower Rd 1.4 Mi SE of SR 66	04-Jan-13		LCK
Eupsilia vinulenta	HARRISON: Leavenworth Barrens -Tower Rd 1.4 Mi SE of SR 66	23-Sep-13	04-Dec-13	LCK
Sericaglaea signata	HARRISON: Leavenworth Barrens -Tower Rd 1.4 Mi SE of SR 66	04-Dec-13		LCK
Xystoepplus rufago	HARRISON: Leavenworth Barrens -Tower Rd 1.4 Mi SE of SR 66	04-Dec-13		LCK
Metaxaglaea inulta	HARRISON: Leavenworth Barrens -Tower Rd 1.4 Mi SE of SR 66	06-Oct-13		LCK
Metaxaglaea semitaria	HARRISON: Leavenworth Barrens -Tower Rd 1.4 Mi SE of SR 66	04-Dec-13		LCK
Found at rest during the day on the tree trunk of Quercus rubra				
Metaxaglaea viatica	HARRISON: Leavenworth Barrens -Tower Rd 1.4 Mi SE of SR 66	04-Dec-13		LCK
Epiglaea decliva	HARRISON: Leavenworth Barrens -Tower Rd 1.4 Mi SE of SR 66	04-Dec-13		LCK
Crocigrapha normani	HARRISON: Leavenworth Barrens -Tower Rd 1.4 Mi SE of SR 66	23-Sep-13		LCK
Anarta trifolii	HARRISON: Leavenworth Barrens -Tower Rd 1.4 Mi SE of SR 66	23-Sep-13		LCK
Melanchnra picta	HARRISON: Leavenworth Barrens -Tower Rd 1.4 Mi SE of SR 66	23-Sep-13		LCK
Anicla lubricans	HARRISON: Leavenworth Barrens -Tower Rd 1.4 Mi SE of SR 66	23-Sep-13		LCK

IOWA

Tom Jantscher reported a cool, wet spring, with most species appearing later than usual. The usual butterfly species were present but seen in much lower numbers than expected. The weather became drier in mid-summer, and flight times were closer to normal. *Ancyloxypha numitor*, *Papilio polyxenes*, *Cupido comyntas*, *Speyeria cybele* and *Megisto cymela*, had average to good years. By late summer the weather was very dry with most of Iowa in some degree of drought. Southern immigrant butterflies were showing up in good numbers by this time, such as *Nathalis iole*, and *Pyrisitia lisa* and *Junonia coenia*. Most native butterflies remained in low numbers, which never recovered through the end of the season. Species with particularly poor years included *Epargyreus clarus*, *Boloria bellona*, *Vanessa cardui*, *Polygonia* and *Nymphalis* species and *Enodia anthedon*. *Danaus plexippus* was seen consistently but in very low numbers, with a barely-detectable migration. Season highlights include *Calycopis cecrops* in Lee County (STATE RECORD), *Colias cesonia* in Johnson County (uncommon outside of the western edge of Iowa), *Satyrrium liparops* in Plymouth County (usually rare across the state), *Staphylus hayhurstii* (uncommon across the southern half of Iowa), *Hyles lineata* had a population explosion in the second half of the season with up to 70-100 individuals seen visiting flowers in late summer. *Agrius cingulata* in Linn County (stray, fifth state record), *Erynnis obscura* in Linn County (stray, eighth state record), and three *Eumorpha fasciatus* in Linn County (stray, fifth-seventh state records).

Butterflies

HESPERIIDAE

<i>Thorybes pylades</i>	Lee: Shimek State Forest, Croton Unit	22-Jun-13		TJ
<i>Staphylus hayhurstii</i>	Lee: Shimek State Forest, Croton Unit	07-Sep-13		TJ
<i>Pholisora catullus</i>	APPANOOSE: Sedan Bottoms WMA	25-Aug-13		TJ
Imbibing moisture on streambed sand				
<i>Pyrgus communis</i>	Monona: Sylvan Runkel State Preserve	13-Oct-13		TJ
<i>Wallengrenia egeremet</i>	Lee: Shimek State Forest, Croton Unit	22-Jun-13		TJ
<i>Wallengrenia egeremet</i>	Plymouth: Five Ridge Prairie	04-Jul-13		TJ
One of two individuals was nectaring at thistle				
<i>Pompeius verna</i>	Monona: Sylvan Runkel State Preserve	05-Jul-13		TJ
<i>Poanes hobomok</i>	Lee: Shimek State Forest, Donnellson Unit	08-Jun-13		TJ
<i>Poanes zabulon</i>	Lee: Shimek State Forest, Croton Unit	08-Jun-13	07-Sep-13	TJ

PAPILIONIDAE

<i>Eurytides marcellus</i>	Fremont: Waubonsie State Park	06-Jul-13		TJ
Only regular breeding colony in state				
<i>Battus philenor</i>	Lee: Shimek State Forest, Croton Unit	08-Jun-13	07-Sep-13	TJ
Probably most reliable site in the state				
<i>Papilio glaucus</i>	Lee: Shimek State Forest, Donnellson Unit	12-May-13		TJ

PIERIDAE

<i>Pontia protodice</i>	Monona: Sylvan Runkel State Preserve	13-Oct-13		TJ
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Zerene cesonia	Johnson: Lake MacBride State Park	20-Jul-13		TJ
Phoebis sennae	Lee: Heron Bend Conservation Area (south)	07-Sep-13		TJ
LYCAENIDAE				
Lycaena dione	Harrison: Loess Hills State Forest, Little Sioux Unit	05-Jul-13		TJ
Lycaena dione	Mills: Folsom Point Preserve	06-Jul-13		TJ
Lycaena hyllus	Linn: Wickiup Hill Outdoor Learning Center	16-Jun-13		TJ
Nectaring at wild parsnip				
Satyrium calanus	Plymouth: Five Ridge Prairie	04-Jul-13		TJ
Satyrium caryaeorum	Plymouth: Five Ridge Prairie	04-Jul-13		TJ
Satyrium caryaeorum	Fremont: Waubonsie State Park	06-Jul-13		TJ
Satyrium liparops	Plymouth: Five Ridge Prairie	04-Jul-13		TJ
One individual, usually rare across the state				
Satyrium titus	Plymouth: Mount Talbot State Preserve	04-Jul-13		TJ
Nectaring at leadplant				
Satyrium titus	Harrison: Loess Hills State Forest, Little Sioux Unit	05-Jul-13		TJ
Callophrys henrici	Lee: Shimek State Forest, Donnellson Unit	28-Apr-13		TJ
Calycopis cecrops	LEE: Rand Park Flower Gardens, City of Keokuk	07-Sep-13		TJ
STATE RECORD, one individual nectaring at boneset				
Celastrina neglecta	Lee: Shimek State Forest, Croton Unit	22-Jun-13	07-Sep-13	TJ
NYMPHALIDAE				
Danaus plexippus	Lee: Shimek State Forest, Croton Unit	08-Jun-13		TJ
Danaus plexippus	Monona: Sylvan Runkel State Preserve	13-Oct-13		TJ
Lethe anthedon	Lee: Shimek State Forest, Croton Unit	07-Sep-13		TJ
Low numbers this year				
Speyeria cybele	Lee: Shimek State Forest, Croton Unit	08-Jun-13	07-Sep-13	TJ
Good numbers this year				
Speyeria idalia	Monona: Sylvan Runkel State Preserve	05-Jul-13		TJ
Speyeria idalia	Mills: Folsom Point Preserve	06-Jul-13		TJ
Speyeria idalia	Linn: Wickiup Hill Outdoor Learning Center	20-Jul-13		TJ
One individual, uncommon in eastern Iowa				
Boloria bellona	Linn: Wickiup Hill Outdoor Learning Center	01-Aug-13		TJ
Low numbers this year				
Asterocampa clyton	Lee: Shimek State Forest, Croton Unit	22-Jun-13		TJ
Vanessa atalanta	Monona: Loess Hills WMA	13-Oct-13		TJ
Vanessa virginiensis	HARRISON: Loess Hills State Forest, Little Sioux Unit	05-Jul-13		TJ
Nymphalis antiopa	Lee: Chatfield Park	14-Apr-13		TJ
Nymphalis antiopa	Monona: Sylvan Runkel State Preserve	13-Oct-13		TJ
Moths				
PSYCHIDAE				
Solenobia walshella	ALLAMAKEE: Fish Farm Mounds	05-Apr-13		KEJ
Psyche casta	ALLAMAKEE: Fish Farm Mounds	05-Apr-13		KEJ
SATURNIIDAE				
Hemileuca nevadensis	Monona: Loess Hills WMA & Sylvan Runkel State Preserve	13-Oct-13		TJ
Automeris io	Fremont: Waubonsie State Park	05-Jul-13		TJ
Actias luna	Lee: Chatfield Park	08-Jun-13		TJ
Callosamia promethea	MITCHELL: Roadside, 317th St.	22-Jun-13		TJ
SPHINGIDAE				
Agrius cingulata	Linn: Noelridge Park Flower Gardens, Cedar Rapids	12-Oct-13		TJ
One individual, nectaring at Nicotiana sp. (flowering tobacco)				
Manduca quinquemaculatus	Linn: Noelridge Park Flower Gardens, Cedar Rapids	30-Sep-13		TJ
Nectaring at Nicotiana sp. (flowering tobacco)				
Manduca sexta	Linn: Hitaga Sand Ridge Prairie Preserve	08-Jul-13	18-Aug-13	TJ
Nectaring at bouncing bet				
Ceratonia amyntor	LEE: Shimek State Forest, Croton Unit	22-Jun-13		TJ
Ceratonia amyntor	WOODBURY: Commercial Gas Station property	04-Jul-13		TJ
Ceratonia undulosa	LEE: Shimek State Forest, Croton Unit	22-Jun-13		TJ
Laothoe juglandis	VAN BUREN: Lacey-Keosauqua State Park	29-May-13		TJ
Erinnyis obscura	Linn: Noelridge Park Flower Gardens, Cedar Rapids	01-Oct-13		TJ
One individual nectaring at red Agastache sp.				
Hemaris diffinis	APPANOOSE: Sedan Bottoms WMA, 265th Avenue roadsides	25-Aug-13		TJ
Nectaring at bee balm				
Eumorpha achemon	Linn: Hitaga Sand Ridge Prairie Preserve	30-Jun-13	19-Jul-13	TJ
Nectaring at bouncing bet				

<i>Eumorpha fasciatus</i>	Linn: Noelridge Park Flower Gardens, Cedar Rapids	03-Oct-13	11-Oct-13	TJ
Nectaring at Cleome sp. and Nicotiana sp. (flowering tobacco), one individual each on 3-Oct, 10-Oct, and 11-Oct				
<i>Eumorpha pandorus</i>	Linn: Hitaga Sand Ridge Prairie Preserve	08-Jul-13	18-Aug-13	TJ
Nectaring at bouncing bet				
<i>Eumorpha pandorus</i>	LEE: 280th St. roadsides, 1 mile west of US61	13-Jul-13		TJ
Nectaring at bouncing bet				
<i>Deidamia inscriptum</i>	Van Buren: Lacey-Keosauqua State Park	29-May-13		TJ
Nectaring at large honeysuckle bush				
<i>Darapsa choerilus</i>	LEE: Chatfield Park	20-Jul-13		TJ
<i>Xylophanes tersa</i>	LEE: 280th St. 1 mi W of US61 & Rand Park, Keokuk	13-Jul-13	02-Oct-13	TJ
Nectaring at bouncing bet				
<i>Hyles lineata</i>	Linn: Hitaga Sand Ridge Prairie Preserve	30-Jun-13	18-Aug-13	TJ
Nectaring at bouncing bet				
<i>Hyles lineata</i>	PLYMOUTH: Fir Avenue at CR38, roadsides	04-Jul-13		TJ
Nectaring at bouncing bet				
NOCTUIDAE				
<i>Eupsilia morrisoni</i>	Story: Ames	05-Apr-13		KEJ
<i>Orthosia hibisci</i>	Story: Ames	05-Apr-13		KEJ

KENTUCKY

Charlie Covell sent a report of the 37th annual butterfly count he led at Brownsboro, Oldham Co. Participants included Loran Gibson, Bill Black, Gerald Burnett, Brooke Keeler from LBL, Megan McCarty, Richard Henderson, Susan Reigler, Bill Pearson, Jennifer Mansfield-Jones, Kristen Newberry, Rob and Tricia Shelby, Debbie and Molly Shaikun, Dustin Rudolph, David and Christopher Brown, Harrison Stone, Sarah Ritz, Zach Griebenow, Martin and Jane Williams, Lesia Lennox, and several others.

Butterflies

HESPERIIDAE

<i>Epargyreus clarus</i>	Jefferson: downtown Louisville	21-Jul-13		CVC
<i>Achalarus lyciades</i>	Owen: Kleber WMA, SR368 - 3 MI. N. of CR 1707	10-Jun-13		LCK
<i>Thorybes bathyllus</i>	Oldham: Brownsboro	20-Jul-13		CVC
<i>Erynnis baptisiae</i>	Oldham: Brownsboro	20-Jul-13		CVC
<i>Erynnis horatius</i>	Oldham: Brownsboro	20-Jul-13		CVC
<i>Atalopedes campestris</i>	Jefferson: Louisville Nature Center & downtown Louisville	19-Jul-13	21-Jul-13	CVC
<i>Atalopedes campestris</i>	Oldham: Brownsboro	20-Jul-13		CVC
<i>Pompeius verna</i>	Oldham: Brownsboro	20-Jul-13		CVC
<i>Anatrytone logan</i>	Oldham: Brownsboro	20-Jul-13		CVC
<i>Poanes hobomok</i>	Owen: Kleber WMA, SR368 - 3 MI. N. of CR 1707	29-May-13		LCK

PAPILIONIDAE

<i>Battus philenor</i>	Oldham: Brownsboro	20-Jul-13		CVC
<i>Papilio glaucus</i>	Jefferson: downtown Louisville	21-Jul-13		CVC
<i>Papilio troilus</i>	Oldham: Brownsboro	20-Jul-13		CVC

PIERIDAE

<i>Anthocharis midea</i>	Owen: Kleber WMA, SR368 - 3 MI. N. of CR 1707	19-Apr-13		LCK
<i>Zerene cesonia</i>	Franklin: Frankfort, Jtc. of SR676 & CR1659 SW Corner.	06-Sep-13		LCK

LYCAENIDAE

<i>Atlides halesus</i> on Joe-Pye-Weed	Jefferson: Louisville Nature Center	19-Jul-13		CVC
<i>Calycopis cecrops</i>	Oldham: Brownsboro	20-Jul-13		CVC
<i>Parrhasius m-album</i>	Franklin: Frankfort, Jtc. of SR676 & CR1659 SW Corner.	26-Jun-13		LCK
<i>Celastrina neglecta</i>	Oldham: Brownsboro	20-Jul-13		CVC

NYMPHALIDAE

<i>Libytheana carinenta</i>	Oldham: Brownsboro	20-Jul-13		CVC
<i>Lethe anthedon</i>	Oldham: Brownsboro	20-Jul-13		CVC
<i>Cyllopsis gemma</i>	Oldham: Brownsboro	20-Jul-13		CVC
<i>Hermeuptychia sosybius</i>	Oldham: Brownsboro	20-Jul-13		CVC
<i>Euptoieta claudia</i>	Oldham: Brownsboro	20-Jul-13		CVC
<i>Chlosyne nycteis</i>	Oldham: Brownsboro	20-Jul-13		CVC

Moths

SESIIDAE

<i>Paranthrene simulans</i> In Pheromone Trap	Scott: Georgetown, 3000 Fairway Court	22-May-13		LCK
<i>Paranthrene simulans</i> In Pheromone Trap	Owen: Kleber WMA, SR368 - 3 MI. N. of CR 1707	02-Jun-13		LCK

Vitacea polistiformis In Pheromone Trap	Scott: Georgetown, 3000 Fairway Court	23-Jun-13	LCK
Synanthedon acerni UV Light Traps	Owen: Kleber WMA, SR368 - 3 MI. N. of CR 1707	12-Sep-13	LCK
Synanthedon rileyana In Pheromone Trap	Scott: Georgetown, 3000 Fairway Court	29-Jul-13	LCK
Synanthedon rileyana In Pheromone Trap	Owen: Kleber WMA, SR368 - 3 MI. N. of CR 1707	08-Aug-13	LCK
Synanthedon rileyana In Pheromone Trap	Franklin: Frankfort, Jtc. of SR676 & CR1659 SW Corner.	18-Aug-13	LCK
Synanthedon rubrofascia In Pheromone Trap	Owen: Kleber WMA, SR368 - 3 MI. N. of CR 1707	23-Jun-13	LCK
Synanthedon scitula In Pheromone Trap	Owen: Kleber WMA, SR368 - 3 MI. N. of CR 1707	16-Jun-13	LCK
Sannina uoceriformis In Pheromone Trap	Owen: Kleber WMA, SR368 - 3 MI. N. of CR 1707	27-Jun-13	LCK
Alcathoe caudata In Pheromone Trap	Franklin: Frankfort, Jtc. of SR676 & CR1659 SW Corner.	06-Sep-13	LCK
GEOMETRIDAE			
Mellilla xanthometata	Oldham: Brownsboro	20-Jul-13	CVC
SPHINGIDAE			
Manduca jasmineearum	Owen: Kleber WMA, SR368 - 3 MI. N. of CR 1707	27-Jun-13	LCK
Sphinx canadensis	Owen: Kleber WMA, SR368 - 3 MI. N. of CR 1707	27-Jun-13	LCK
EREBIDAE			
Cisthene kentuckiensis	Breckinridge: Yellowbank WMA - RT 261 - 1.4 MI. E. OF RT 86	24-Jun-13	LCK
Lycomorpha pholus	Owen: Kleber WMA, SR368 - 3 MI. N. of CR 1707	27-Jun-13	LCK
Lycomorpha pholus	Bath: Daniel Boone NF - FR909 - 1.1 MI. S. OF FR129	26-Sep-13	LCK
Virbia laeta	Breckinridge: Yellowbank WMA - RT 261 - 1.4 MI. E. OF RT 86	24-Jun-13	LCK
Grammia arge	Owen: Kleber WMA, SR368 - 3 MI. N. of CR 1707	16-Jun-13	LCK
Grammia figurata	Breckinridge: Yellowbank WMA - RT 261 - 1.4 MI. E. OF RT 86	24-Jun-13	LCK
Spilosoma latipennis	Owen: Kleber WMA, SR368 - 3 MI. N. of CR 1707	16-Jun-13	LCK
Cycnia oregonensis	Owen: Kleber WMA, SR368 - 3 MI. N. of CR 1707	09-Aug-13	LCK
Macrochilo orciferalis	Breckinridge: Yellowbank WMA - RT 261 - 1.4 MI. E. OF RT 86	24-Jun-13	LCK
Redectis vitrea	Owen: Kleber WMA, SR368 - 3 MI. N. of CR 1707	12-Sep-13	LCK
Phytometra rhodarialis	Breckinridge: Yellowbank WMA - RT 261 - 1.4 MI. E. OF RT 86	06-Aug-13	LCK
Euclidia cuspidea	Owen: Kleber WMA, SR368 - 3 MI. N. of CR 1707	16-Jun-13	LCK
Zale horrida	Owen: Kleber WMA, SR368 - 3 MI. N. of CR 1707	16-Jun-13	LCK
Zale horrida	Breckinridge: Yellowbank WMA - RT 261 - 1.4 MI. E. OF RT 86	24-Jun-13	LCK
Dysgonia smithii	Breckinridge: Yellowbank WMA - RT 261 - 1.4 MI. E. OF RT 86	24-Jun-13	LCK
Catocala insolabilis	Owen: Kleber WMA, SR368 - 3 MI. N. of CR 1707	09-Aug-13	LCK
Catocala maestosa	Breckinridge: Yellowbank WMA - RT 261 - 1.4 MI. E. OF RT 86	10-Sep-13	LCK
NOCTUIDAE			
Abrostola ovalis	Breckinridge: Yellowbank WMA - RT 261 - 1.4 MI. E. OF RT 86	24-Jun-13	LCK
Maliattha concinnimacula	Breckinridge: Yellowbank WMA - RT 261 - 1.4 MI. E. OF RT 86	24-Jun-13	LCK
Spragueia apicalis	Owen: Kleber WMA, SR368 - 3 MI. N. of CR 1707	21-Jul-13	LCK
Panthea furcilla	Owen: Kleber WMA, SR368 - 3 MI. N. of CR 1707	02-Oct-13	LCK
Acronicta heitzmani	Breckinridge: Yellowbank WMA - RT 261 - 1.4 MI. E. OF RT 86	06-Aug-13	LCK
Simyra henrici	Breckinridge: Yellowbank WMA - RT 261 - 1.4 MI. E. OF RT 86	10-Sep-13	LCK
Psychomorpha epimenis	Owen: Kleber WMA, SR368 - 3 MI. N. of CR 1707	18-Apr-13	LCK
Psaphida electilis	Owen: Kleber WMA, SR368 - 3 MI. N. of CR 1707	06-Dec-13	LCK
Balsa tristrigella	Breckinridge: Yellowbank WMA - RT 261 - 1.4 MI. E. OF RT 86	24-Jun-13	LCK
Apamea remissa	Menifee: Daniel Boone NF Red River Gorge: W. Indian Creek	02-Jun-13	LCK
Resapamea passer	Owen: Kleber WMA, SR368 - 3 MI. N. of CR 1707	16-Jun-13	LCK
Meropleon diversicolor	McCreary: Daniel Boone NF - Bearver Creek Wilderness Area	08-Oct-13	LCK
Amphipoea americana On Lights of vending Machine	Rowan: I-64 MM 169 Rest Area West Side.	08-Jul-13	LCK
Papaipema eupatorii	Menifee: Daniel Boone NF Red River Gorge: W. Indian Creek	01-Oct-13	LCK
Papaipema eupatorii	Bath: Daniel Boone NF - FR909 - 1.1 MI. S. OF FR129	04-Oct-13	LCK
Papaipema eupatorii	Breckinridge: Yellowbank WMA - RT 261 - 1.4 MI. E. OF RT 86	06-Oct-13	LCK
Papaipema polymniae	Bath: Daniel Boone NF - FR909 - 1.1 MI. S. OF FR129	26-Sep-13	LCK
Papaipema polymniae	Breckinridge: Yellowbank WMA - RT 261 - 1.4 MI. E. OF RT 86	29-Sep-13	LCK
Papaipema rigida	Breckinridge: Yellowbank WMA - RT 261 - 1.4 MI. E. OF RT 86	06-Oct-13	LCK

Lithophane antennata	Owen: Kleber WMA, SR368 - 3 MI. N. of CR 1707	06-Dec-13	LCK
Lithophane bethunei	Owen: Kleber WMA, SR368 - 3 MI. N. of CR 1707	16-Feb-13	LCK
Lithophane grotei	Owen: Kleber WMA, SR368 - 3 MI. N. of CR 1707	27-Mar-13	LCK
Lithophane hemina	Menifee: Daniel Boone NF Red River Gorge: W. Indian Creek	15-Feb-13	LCK
Lithophane joannis	Owen: Kleber WMA, SR368 - 3 MI. N. of CR 1707	16-Feb-13	LCK
Lithophane querquera	McCreary: Daniel Boone NF - Bearver Creek Wilderness Area	13-Apr-13	LCK
Lithophane querquera	Menifee: Daniel Boone NF Red River Gorge: W. Indian Creek	08-Dec-13	LCK
Lithophane unimoda	Scott: Georgetown, 3000 Fairway Court	04-Feb-13	LCK
Lithophane unimoda	Owen: Kleber WMA, SR368 - 3 MI. N. of CR 1707	27-Mar-13	LCK
Lithophane unimoda	Menifee: Daniel Boone NF Red River Gorge: W. Indian Creek	08-Dec-13	LCK
Pyreferra hesperidago	Owen: Kleber WMA, SR368 - 3 MI. N. of CR 1707	06-Dec-13	LCK
Eupsilia cirripalea	Menifee: Daniel Boone NF Red River Gorge: W. Indian Creek	08-Dec-13	LCK
Eupsilia morrisoni	Menifee: Daniel Boone NF Red River Gorge: W. Indian Creek	15-Feb-13	LCK
Eupsilia vinulenta	McCreary: Daniel Boone NF - Bearver Creek Wilderness Area	13-Apr-13	LCK
Eupsilia vinulenta	Owen: Kleber WMA, SR368 - 3 MI. N. of CR 1707	06-Dec-13	LCK
Eupsilia vinulenta	Menifee: Daniel Boone NF Red River Gorge: W. Indian Creek	08-Dec-13	LCK
Sericaglaea signata	Bath: Daniel Boone NF - Clear Creek Area	04-Oct-13	LCK
Xystoepplus rufago	Owen: Kleber WMA, SR368 - 3 MI. N. of CR 1707	27-Mar-13	LCK
Metaxaglaea semitaria	Owen: Kleber WMA, SR368 - 3 MI. N. of CR 1707	06-Dec-13	LCK
Metaxaglaea semitaria	Menifee: Daniel Boone NF Red River Gorge: W. Indian Creek	08-Dec-13	LCK
Metaxaglaea viatica	Bath: Daniel Boone NF - FR909 - 1.1 MI. S. OF FR129	04-Oct-13	LCK
Epiglaea decliva	Owen: Kleber WMA, SR368 - 3 MI. N. of CR 1707	06-Dec-13	LCK
Orthosia hibisci	Owen: Kleber WMA, SR368 - 3 MI. N. of CR 1707	27-Mar-13	LCK
Crocigrapha normani	Owen: Kleber WMA, SR368 - 3 MI. N. of CR 1707	27-Mar-13	LCK
Morrisonia evicta	Owen: Kleber WMA, SR368 - 3 MI. N. of CR 1707	27-Mar-13	LCK
Anarta trifolii	Breckinridge: Yellowbank WMA - RT 261 - 1.4 MI. E. OF RT 86	06-Aug-13	LCK
Melanchra picta	Owen: Kleber WMA, SR368 - 3 MI. N. of CR 1707	02-Oct-13	LCK
Orthodes cynica	Breckinridge: Yellowbank WMA - RT 261 - 1.4 MI. E. OF RT 86	10-Sep-13	LCK
Orthodes goodelli	Owen: Kleber WMA, SR368 - 3 MI. N. of CR 1707	23-May-13	LCK
Orthodes majuscula	Owen: Kleber WMA, SR368 - 3 MI. N. of CR 1707	06-Dec-13	LCK
Anicla illapsa	Owen: Kleber WMA, SR368 - 3 MI. N. of CR 1707	06-Aug-13	LCK
Anicla lubricans	Owen: Kleber WMA, SR368 - 3 MI. N. of CR 1707	27-Jun-13	LCK
Ochropleura implecta	Owen: Kleber WMA, SR368 - 3 MI. N. of CR 1707	27-Jun-13	LCK
Xestia elimata	Menifee: Daniel Boone NF Red River Gorge: W. Indian Creek	01-Oct-13	LCK
EUTELIIDAE			
Eutelia pulcherrima	Owen: Kleber WMA, SR368 - 3 MI. N. of CR 1707	16-Jun-13	LCK

MICHIGAN

Kyle Johnson conducted field work across many areas of the state, most notably a second expedition to Isle Royale in August along the Minong Ridge Trail (which had not been previously sampled for Lepidoptera). The spring was extremely delayed compared to 2012. Mid-March was limited to hibernators under bark even in southern Michigan, whereas spring-emerging species were flying in the Upper Peninsula about that time last season. By mid-summer the phenology seemed more typical, and very warm weather in mid-July in central Upper Michigan made for fantastic night sampling. Fall sampling lacked any notable southern strays. Ted Herig reported good weather conditions in the Lower Peninsula, with rather warm temperatures and right amounts of rain. Unlike 2012, the migrant question marks, buckeyes and red admirals were almost non-existent. Very few monarchs were seen. Most moth species were down also. A trip to Mo Nielsen's hut for Catocala on August 14-17 by John Peacock, Tom Carr, Glenn Belyea, and Ted Herig was very productive. Les Ferge experienced a very late spring in the Keweenaw Peninsula and cooler, wetter conditions than in the past few seasons. Both butterfly and moth numbers were down. Few southern migrants appeared, with Euptoieta claudia and Magusa divaricata the only species recorded.

Butterflies

HESPERIIDAE

Erynnis lucilius	Presque Isle: Rogers City	08-Jun-13	03-Aug-13	MC1
Erynnis martialis	Presque Isle: Rogers City	08-Jun-13	16-Jun-13	MC1
Pyrgus communis	Clinton: St Johns	25-May-13	13-Oct-13	ETH
Pyrgus communis	Branch: Bronson	08-Oct-13		KEJ
Thymelicus lineola	Keweenaw: Isle Royale: McCargoe Cove	07-Aug-13		KEJ
new record for island; found only at McCargoe Cove				
Hylephila phyleus	Clinton: St Johns	18-Jul-13		ETH
Hesperia comma	Keweenaw: Isle Royale: McCargoe Cove	07-Aug-13		KEJ
Anatrytone logan	MENOMINEE: Fox Park	22-Jul-13		KEJ
Euphyes bimacula	Mackinac: St. Ignace	23-Jun-13		MC1

Euphyes conspicua nearly 1 mile to nearest wetland	DELTA: Rapid River Barrens	19-Jul-13		KEJ
Euphyes dion	MENOMINEE: Cedar River	22-Jul-13		KEJ
Atrytonopsis hianna	Otsego: T29N, R1W, Sec 21	04-Jun-13		MC1
PAPILIONIDAE				
Eurytides marcellus	Cass: T5S, R14W, Sec 29	13-May-13	27-Jul-13	MC1
PIERIDAE				
Pieris rapae	Van Buren: Paw Paw	04-Sep-13		KEJ
Colias interior new record for island	Keweenaw: Isle Royale: SW of Lake Desor	10-Aug-13		KEJ
LYCAENIDAE				
Lycaena dorcas	Keweenaw: Isle Royale: SW of Lake Desor	10-Aug-13		KEJ
Lycaena epixanthe	MENOMINEE: Cedar River Bog	17-Jul-13		KEJ
Satyrrium liparops new record for island	Keweenaw: Isle Royale: SW of Lake Desor	10-Aug-13		KEJ
Satyrrium titus	PRESQUE ISLE:	03-Aug-13	17-Aug-13	MC1
Callophrys henrici	Luce: T46N, R12W, Sec 27	23-Jun-13		MC1
Celastrina lucia	Clinton: St Johns	06-May-13		ETH
Celastrina neglecta	PRESQUE ISLE: Rogers City	10-Aug-13		MC1
Celastrina serotina	Clinton: St Johns	13-May-13		ETH
NYMPHALIDAE				
Lethe appalachia	MENOMINEE: Cedar River	22-Jul-13		KEJ
Oeneis jutta	Chippewa: T44N, R6W, Sec 36	07-Jun-13		MC1
Euptoieta claudia	Houghton: Electric Park Road	12-Jul-13		LAF
Speyeria aphrodite	Menominee: Fox Park	22-Jul-13		KEJ
Speyeria aphrodite	Keweenaw: Isle Royale: SW of McCargoe Cove	07-Aug-13		KEJ
Boloria frigga	Luce: T46N, R12W, Sec 26 & 27	07-Jun-13		MC1
Vanessa virginiensis	Clinton: St Johns	20-May-13		ETH
Polygonia interrogationis	Clinton: St Johns	30-May-13		ETH
Polygonia progne	Keweenaw: Mohawk	19-Aug-13		MC1
Junonia coenia	Clinton: St Johns	16-Jul-13		ETH
Chlosyne harrisii	Keweenaw: ATV Trail E of Phoenix	06-Jul-13		LAF
Moths				
HEPIALIDAE				
Korscheltellus gracilis	ALGER: Sixteenmile Lake	21-Jul-13		KEJ
TINEIDAE				
Niditinea orleansella	Allegan: Allegan SGA	08-Sep-13		KEJ
PSYCHIDAE				
Solenobia walshella case under bark	JACKSON: Sackrider Hill	15-Mar-13		KEJ
Psyche casta case under bark	MARQUETTE: Baraga Creek	01-Jan-13		KEJ
Psyche casta case under bark	JACKSON: Sackrider Hill	15-Mar-13		KEJ
GRACILLARIIDAE				
Caloptilia alnicolella under bark	MARQUETTE: Baraga Creek	01-Jan-13		KEJ
Caloptilia ostryaeella also Dwayne Badgero; beneath Carya shags of live tree	Lapeer: Sawdel Lake	20-Mar-13		KEJ
Caloptilia ostryaeella also KEJ; under bark	GENESEE: Holloway Reservoir	20-Mar-13		DRB
Caloptilia stigmatella under bark	GENESEE: Holloway Reservoir	20-Mar-13		KEJ
Caloptilia superbifrontella	Oakland: Bald Mountain SRA: Trout Creek Headwaters	05-Sep-13		KEJ
Caloptilia umbratella under bark	Oakland: Bald Mountain SRA: Trout Creek Headwaters	17-Jan-13		KEJ
Caloptilia umbratella under bark	JACKSON: Sackrider Hill	15-Mar-13		KEJ
Caloptilia vacciniella	Allegan: Allegan SGA	08-Sep-13		KEJ
Acrocercops albinatella	Allegan: Allegan SGA	08-Sep-13		KEJ
Cremastobombycia solidaginis	Berrien: New Buffalo	03-Sep-13		KEJ
Phyllonorycter propinquella	Oakland: Bald Mountain SRA: Trout Creek Headwaters	05-Sep-13		KEJ

<i>Cameraria conglomeratella</i>	Allegan: Allegan SGA	08-Sep-13		KEJ
OECOPHORIDAE				
<i>Gonioterma mistrella</i>	Berrien: New Buffalo	03-Sep-13		KEJ
ELACHISTIDAE				
<i>Agonopterix atrodorsella</i> under bark	Washtenaw: Cherry Hill Nature Preserve	20-Jan-13		KEJ
<i>Agonopterix atrodorsella</i> under bark	GENESEE: Holloway Reservoir	20-Mar-13		KEJ
<i>Agonopterix canadensis</i>	Oakland: Bald Mountain SRA: Trout Creek Headwaters	05-Sep-13		KEJ
<i>Agonopterix clemensella</i> under bark	JACKSON: Sackrider Hill	15-Mar-13		KEJ
<i>Agonopterix curvilineella</i> also Kyle Johnson; under bark	LAPEER: Sawdel Lake	20-Mar-13		DRB
<i>Agonopterix eupatoriella</i>	LENAWEE: Morenci	08-Oct-13		KEJ
<i>Agonopterix nigrinotella</i> under bark	WASHTENAW: Cherry Hill Nature Preserve	20-Jan-13		KEJ
<i>Agonopterix nigrinotella</i> under bark	JACKSON: Sackrider Hill	15-Mar-13		KEJ
<i>Agonopterix nigrinotella</i> under bark	GENESEE: Holloway Reservoir	20-Mar-13		KEJ
<i>Agonopterix costimacula</i> also Dwayne Badgero; second MI record	LENAWEE: Morenci	08-Oct-13		KEJ
<i>Agonopterix pulvipennella</i> under bark	MARQUETTE: Baraga Creek	01-Jan-13		KEJ
<i>Agonopterix pulvipennella</i> under bark	MONTCALM: Edmore SGA	13-Oct-13		KEJ
GELECHIIDAE				
<i>Aristotelia rubidella</i>	Allegan: Allegan SGA	08-Sep-13		KEJ
<i>Chionodes obscurusella</i> under bark	Washtenaw: Cherry Hill Nature Preserve	20-Jan-13		KEJ
<i>Chionodes obscurusella</i> under bark	GENESEE: Holloway Reservoir	20-Mar-13		KEJ
<i>Chionodes obscurusella</i> under shags of large live <i>Carya ovata</i>	LAPEER: Sawdel Lake	20-Mar-13		KEJ
<i>Chionodes sattleri</i>	ALGER: Sixteenmile Lake	21-Jul-13		KEJ
<i>Chionodes thoraceochrella</i> ex. UV trap at wedding	Oakland: Clinton River	07-Sep-13		KEJ
<i>Stegasta bosqueella</i> under bark	LAPEER: Sawdel Lake	20-Mar-13		DRB
<i>Stegasta bosqueella</i> under bark	GENESEE: Holloway Reservoir	20-Mar-13		KEJ
CRAMBIDAE				
<i>Agriphila ruricolella</i>	Ottawa: Hudsonville	08-Sep-13		KEJ
<i>Agriphila vulgivagellus</i>	Kent: Versluis Lake	08-Sep-13		KEJ
<i>Crambus girardellus</i>	DELTA: Brampton	17-Jul-13		KEJ
<i>Eudonia heterosalis</i>	Allegan: Allegan SGA	08-Sep-13		KEJ
<i>Gesneria centuriella</i>	ALGER: Sixteenmile Lake	21-Jul-13		KEJ
<i>Petrophila canadensis</i>	DELTA: Brampton	17-Jul-13		KEJ
PYRALIDAE				
<i>Pyralis disciferalis</i>	ALGER: Sixteenmile Lake	21-Jul-13		KEJ
<i>Peoria approximella</i>	Allegan: Allegan SGA	08-Sep-13		KEJ
PTEROPHORIDAE				
<i>Emmelina monodactyla</i>	Newaygo: Winnepesaug Creek	11-Oct-13		KEJ
<i>Emmelina monodactyla</i>	Gratiot: Gratiot-Saginaw SGA	13-Oct-13		KEJ
<i>Adaina ambrosiae</i>	Oakland: Bald Mountain SRA: Tommys Lake	09-Oct-13		KEJ
SESIIDAE				
<i>Paranthrene pellucida</i>	Ingham: Bunker Hill Twp., Sec. 17	01-Jul-13	08-Jul-13	WTJ
<i>Paranthrene tabaniformis</i> also Bill Westrate	Cass: Volinia Twp. 41.9974°N 85.98017°W	24-Jun-13		WTJ
<i>Paranthrene tabaniformis</i>	Ingham: Bunker Hill Twp., Sec. 17	13-Jul-13	20-Jul-13	WTJ
<i>Vitacea polistiformis</i> also Bill Westrate	Cass: Volinia Twp. 41.9974°N 85.98017°W	23-Jul-13	31-Jul-13	WTJ
<i>Vitacea polistiformis</i>	Van Buren: Van Buren State Park	23-Jul-13	01-Aug-13	WTJ
<i>Sesia spartani</i>	Clinton: Olive Twp., Sec. 28	22-May-12		WTJ

Sesia spartani also William Keiper	CHIPPEWA: Raber Twp. 46.0943°N 84.2144°W	15-May-13	04-Jul-13	WTJ
Synanthedon bolteri	VAN BUREN: Van Buren State Park	16-Jul-13	23-Jul-13	WTJ
Synanthedon decipiens	Ingham: Bunker Hill Twp., Sec. 17	01-Jul-13	08-Jul-13	WTJ
Synanthedon decipiens also Bill Westrate	CASS: Volinia Twp. 41.9974°N 85.98017°W	16-Jul-13		WTJ
Synanthedon fatifera	VAN BUREN: Van Buren State Park	16-Jul-13	23-Jul-13	WTJ
Synanthedon pini also William Keiper	CHIPPEWA: Raber Twp. 46.0943°N 84.2144°W	15-Jun-13	04-Jul-13	WTJ
Synanthedon pini	CLINTON: Olive Twp., Sec. 28	30-Jul-13		WTJ
Synanthedon proxima also Bill Westrate	Cass: Volinia Twp. 41.9974°N 85.98017°W	09-Jul-03	31-Jul-13	WTJ
Synanthedon proxima	Ingham: Alaiedon Twp., Sec 11	01-Aug-13	13-Aug-13	WTJ
Synanthedon proxima	Delta: Brampton Twp. 45.8660°N 87.01668°W	31-Aug-13		WTJ
Synanthedon rileyana	Ingham: Bunker Hill Twp., Sec. 17	13-Jul-13	20-Jul-13	WTJ
Synanthedon rileyana also Bill Westrate	Cass: Volinia Twp. 41.9974°N 85.98017°W	20-Aug-13		WTJ
Carmenta bassiformis also Bill Westrate	Cass: Volinia Twp. 41.9974°N 85.98017°W	09-Jul-13	31-Jul-13	WTJ
Alcathoe caudata also Bill Westrate	Cass: Volinia Twp. 41.9974°N 85.98017°W	09-Jul-13	16-Jul-13	WTJ
TORTRICIDAE				
Phaneta autumnana	Allegan: Allegan SGA	08-Sep-13		KEJ
Eucosma palabundana	OAKLAND: Bald Mountain SRA: Tommys Lake	05-Sep-13		KEJ
Acleris chalybeana	Gratiot: Gratiot-Saginaw SGA	13-Oct-13		KEJ
Acleris cornana	Montcalm: Edmore SGA	13-Oct-13		KEJ
Acleris nivisellana	Newaygo: Winnepesaug Creek	11-Oct-13		KEJ
Acleris oxycoccana	Newaygo: Winnepesaug Creek	11-Oct-13		KEJ
GEOMETRIDAE				
Glenoides texanaria	Lenawee: Morenci	08-Oct-13		KEJ
Glenoides texanaria	Berrien: New Buffalo	15-Oct-13		KEJ
Lambdina fiscellaria	Berrien: New Buffalo	15-Oct-13		KEJ
Idaea dimidiata	DELTA: Brampton	17-Jul-13		KEJ
Triphosa haesitata	Keweenaw: Phoenix (Crestview Trail)	08-Oct-13		GJB
Coryphista meadii	Lenawee: Morenci	08-Oct-13		KEJ
Entephria separata	Keweenaw: Isle Royale: Hugginin Cove	10-Aug-13		KEJ
Mesoleuca ruficillata	DELTA: Brampton	17-Jul-13		KEJ
Mesoleuca ruficillata	Keweenaw: Isle Royale: Little Todd Harbor	08-Aug-13		KEJ
THYATIRIDAE				
Habrosyne gloriosa tipping on odorous hiking socks	Keweenaw: Isle Royale: Little Todd Harbor	08-Aug-13		KEJ
SPHINGIDAE				
Hyles lineata	Berrien: New Buffalo	03-Sep-13		KEJ
EREBIDAE				
Lycomorpha pholus	ALGER: Grand Island	20-Jul-13		KEJ
Hypenodes fractilinea	Allegan: Allegan SGA	08-Sep-13		KEJ
Parahypenodes quadralis netted flying at night	KEWEENAW: Oliver Bay	16-Aug-13		KEJ
Zanclognatha theralis	Alger: Sixteenmile Lake	21-Jul-13		KEJ
Phalaenostola hanhami	Delta: Brampton	17-Jul-13		KEJ
Tetanolita floridana ex. UV trap at wedding	Oakland: Clinton River	07-Sep-13		KEJ
Hypena edictalis	Keweenaw: Eagle Harbor	12-Jul-13		LAF
Hypena palparia	Keweenaw: Eagle Harbor	12-Jul-13		LAF
Hypena scabra under bark	Washtenaw: Cherry Hill Nature Preserve	20-Jan-13		KEJ
Catocala amatrix	Clinton: St Johns	24-Aug-13	01-Sep-13	ETH
Catocala antinympa	Otsego: T29N, R2W, Sec 16-18	15-Aug-13	17-Aug-13	ETH
Catocala badia coelebs	Otsego: T29N, R2W, Sec 16-18	15-Aug-13	17-Aug-13	ETH
Catocala blandula	Otsego: T29N, R2W, Sec 16-18	15-Aug-13	17-Aug-13	ETH
Catocala briseis	Otsego: T29N, R2W, Sec 16-18	15-Aug-13	17-Aug-13	ETH
Catocala cara	Clinton: St Johns	04-Aug-13	24-Aug-13	ETH

Catocala cara	MACKINAC: St. Ignace	31-Aug-13		MC1
Catocala cerogama	Otsego: T29N, R2W, Sec 16-18	15-Aug-13	18-Sep-13	ETH
Catocala concumbens	Otsego: T29N, R2W, Sec 16-18	15-Aug-13	18-Sep-13	ETH
Catocala gryneus	Clinton: St Johns	14-Jul-13		ETH
Catocala ilia	Otsego: T29N, R2W, Sec 16-18	15-Aug-13	17-Aug-13	ETH
Catocala relicta	Otsego: T29N, R2W, Sec 16-18	15-Aug-13	18-Sep-13	ETH
Catocala semirelicta	Mackinac: St. Ignace	17-Aug-13	31-Aug-13	MC1
Catocala sordida	Otsego: T29N, R2W, Sec 16-18	15-Aug-13	17-Aug-13	ETH
Catocala ultronia	Otsego: T29N, R2W, Sec 16-18	15-Aug-13	17-Aug-13	ETH
Catocala unijuga	Otsego: T29N, R2W, Sec 16-18	15-Aug-13	18-Sep-13	ETH
NOCTUIDAE				
Diachrysia balluca	KEWEENAW: Isle Royale: Todd Harbor	07-Aug-13		KEJ
Diachrysia balluca	KEWEENAW: Great Sand Bay (dunes)	14-Aug-13		LAF
Autographa bimaculata	Keweenaw: Isle Royale: Lake Desor	09-Aug-13		KEJ
Autographa californica	Keweenaw: Isle Royale: Todd Harbor	07-Aug-13		KEJ
Syngrapha alias	Keweenaw: Isle Royale: Hugginin Cove	10-Aug-13		KEJ
abundant on Viburnum trilobum flowers at night				
Deltote bellicula	KEWEENAW: Eagle Harbor	12-Jul-13		LAF
Pyrrhia exprimens	Keweenaw: Eagle Harbor	12-Jul-13		LAF
Callopietria cordata	Van Buren: Deerlick Creek	08-Sep-13		KEJ
Spodoptera frugiperda	Keweenaw: 1 mi. W of Eagle Harbor	08-Oct-13		LAF
Magusa divaricata	Keweenaw: W end of Brockway Mountain Drive	12-Jul-13		LAF
Magusa divaricata	Keweenaw: Phoenix (Crestview Trail)	08-Oct-13		GJB
Meropleon ambifuscum	Allegan: Allegan SGA	08-Sep-13		KEJ
Papaipema cerussata	Lenawee: Morenci	08-Oct-13		KEJ
Papaipema pterisii	Otsego: T29N, R2W, Sec 16-18	17-Sep-13	18-Sep-13	ETH
at UV light and bait trap				
Papaipema unimoda	Clinton: St. Johns	17-Oct-13		ETH
Xylena thoracica	LAKE: Wolf Lake Barrens	11-Oct-13	12-Oct-13	KEJ
Lithophane baileyi	Keweenaw: Ojibway Road	01-May-13		GJB
Lithophane grotei	Clinton: T6N ,R1W, Sec 35	09-Sep-13		ETH
Lithophane hemina	Saginaw: Gratiot-Saginaw SGA	13-Oct-13		KEJ
Lithophane innominata	Saginaw: Gratiot-Saginaw SGA	13-Oct-13		KEJ
Lithophane joannis	Lenawee: Morenci	08-Oct-13		KEJ
Lithophane laticinerea	Clinton: St. Johns	06-Nov-13		ETH
Lithophane pexata	LAKE: Wolf Lake Barrens	11-Oct-13	12-Oct-13	KEJ
Lithophane signosa	Lenawee: Medina Park & Morenci	08-Oct-13		KEJ
also Dwayne Badgero				
Lithophane tepida	LAKE: Wolf Lake Barrens	12-Oct-13		KEJ
Lithophane thujae	Keweenaw: Eagle Harbor	27-May-13		LAF
Lithophane unimoda	Keweenaw: W end of Brockway Mountain Drive	27-May-13		LAF
Pyreferra hesperidago	Gratiot: Gratiot-Saginaw SGA	13-Oct-13		KEJ
Pyreferra hesperidago	Saginaw: Gratiot-Saginaw SGA	13-Oct-13		KEJ
Pyreferra hesperidago	Berrien: New Buffalo	15-Oct-13		KEJ
Eupsilia morrisoni	Berrien: New Buffalo	15-Oct-13		KEJ
at bait; also feeding on fermenting wild grape (Vitis riparia)				
Eupsilia sidus	LAKE: Wolf Lake Barrens	11-Oct-13	12-Oct-13	KEJ
common at bait; oak-jack pine barrens				
Xystopeplus rufago	LAKE: Wolf Lake Barrens	11-Oct-13	12-Oct-13	KEJ
common at bait				
Metaxaglaea inulta	Newaygo: Winnepesaug Creek	11-Oct-13		KEJ
Epiglaea apiata	OAKLAND: Bald Mountain SRA: Tommys Lake	09-Oct-13		KEJ
Epiglaea decliva	Berrien: New Buffalo	15-Oct-13		KEJ
Chaetaglaea sericea	Newaygo: Winnepesaug Creek	11-Oct-13		KEJ
Chaetaglaea sericea	LAKE: Wolf Lake Barrens	11-Oct-13	12-Oct-13	KEJ
160+ at bait each night, temps below 5 Celsius				
Chaetoglaea sericea	Saginaw: Gratiot-Saginaw SGA	13-Oct-13		KEJ
Eucirroedia pampina	Otsego: T29N, R2W, Sec 16	17-Sep-13		ETH
Ufeus plicatus	WASHTENAW: Cherry Hill Nature Preserve	20-Jan-13		KEJ
under bark				
Leucania ursula	Allegan: Allegan SGA	08-Sep-13		KEJ

<i>Euxoa albipennis</i>	Oakland: Bald Mountain SRA: Tommys Lake	05-Sep-13	KEJ
<i>Agrotis vetusta</i>	Van Buren: Paw Paw	04-Sep-13	KEJ
<i>Diarsia rosaria</i>	Keweenaw: W end of Brockway Mountain Drive	12-Jul-13	LAF
<i>Diarsia rubifera</i>	Keweenaw: W end of Brockway Mountain Drive	12-Jul-13	LAF
<i>Xestia dilucida</i>	Allegan: Allegan SGA	08-Sep-13	KEJ
<i>Xestia praevia</i>	Alger: Sixteenmile Lake	21-Jul-13	KEJ

MINNESOTA

Dave MacLean reported a very late start of the season, with April being the fifth coldest on record. Temperatures fluctuated widely statewide throughout the season, but were generally six to ten degrees below average. Precipitation totals also were highly variable across the state. Spring and early summer rain was ample to excessive in many locations, while precipitation during the remainder of the season was substantially below average in all but the northernmost counties. The butterfly season ended early, with September frosts in north central and northeast Minnesota. He recorded 37 butterfly species in Cook County, ten fewer than last year. Emergence of most spring and early summer species was two to three weeks later than average. Southern migrants were very scarce, in marked contrast with 2012. *Colias eurytheme*, *C. philodice*, *Polygonia interrogationis*, *Vanessa atalanta* and *Junonia coenia* were not recorded in Cook County in 2013. *Danaus plexippus* was scarce, recorded only twice in Cook County. *Colias interior*, locally common in 2013, was recorded as late as 22 August, a month later than in 2012. *Pieris oleracea* and *P. rapae* were uncommon for the second year in a row. *Plebejus idas nabokovi* was locally common near its host plant *Vaccinium cespitosum*. Fewer *Plebejus saepiolus* were seen than in 2012. Numbers of *Nymphalis antiopa* remained high whereas *N. l-album* was recorded only four times in Cook County. John Weber reported a late and wet spring and a short butterfly season, running from 25 April through 8 October. He found 80 butterfly species in north-central Minnesota this year; up one from 79 in 2012. *Phyciodes cocyta*, *Nymphalis antiopa*, *Speyeria cybele*, *aphrodite* and *atlantis* were present in good numbers. Numbers of many butterfly species were down, most noticeably *Pieridae*, *Glaucopsyche lygdamus*, *Vanessa* species, *Nymphalis l-album*, *Aglais milberti* and *Polygonia* species. Monarch numbers were also way down. Kyle Johnson conducted field work mostly in northern Minnesota (focus on Bemidji area) mid-May to early July and again in September. The spring was extremely delayed compared to 2012, perhaps a month behind or more, bringing the phenology close to the historic average. Some targeted species were hardly observed at all (e.g. only one *Erebia discoidalis* record), whereas others had a good season (e.g. 4 new county records and good abundance for *Boloria eunomia*). The season overall was extremely productive with a wealth of interesting records; only a small sampling is reported here. The most significant find was *Melaporphyria immortua*; this species is seldom reported from any region.

Butterflies

HESPERIIDAE

<i>Epagyreus clarus</i>	Cass: Oak Point	30-Jun-13	04-Aug-13	ASB
<i>Thorybes pylades</i>	Cass: Oak Point	23-Jun-13		ASB
<i>Thorybes pylades</i>	Cook: Junco Creek Rd. near Binagami Lk. off FR 154	24-Jun-13	06-Jul-13	DBM
<i>Erynnis icelus</i> also Jake Barnard	Cook: Junco Creek Rd. near Binagami Lk. off FR 154	07-Jun-13	05-Jul-13	DBM
<i>Carterocephalus palaemon</i>	Cass: Oak Point	12-Jun-13	02-Jul-13	ASB
<i>Carterocephalus palaemon</i> also Jake Barnard	Cook: Walter Rd. & Junco Creek Rd. near Binagami Lk.	20-Jun-13	06-Jul-13	DBM
<i>Amblyscirtes hegon</i>	Hubbard: Clancy Lake	19-Jun-13		KEJ
<i>Ancyloxypha numitor</i>	Cook: Walter Rd. & Junco Creek Rd. near Binagami Lk.	24-Jun-13	20-Jul-13	DBM
<i>Oarisma poweshiek</i>	Polk:	10-Jul-13		JWJ
<i>Thymelicus lineola</i>	Cook: Walter Rd. & Junco Creek Rd. near Binagami Lk.	11-Jul-13	29-Jul-13	DBM
<i>Hesperia comma</i>	Cook: Junco Creek Rd. near Binagami Lk. off FR 154	22-Aug-13		DBM
<i>Polites mystic</i>	Cook: Walter Rd. & Junco Creek Rd. near Binagami Lk.	12-Jul-13	24-Jul-13	DBM
<i>Polites peckius</i> record from Jim Phillips	Cook: Junco Creek Rd. near Binagami Lk. off FR 154	06-Jul-13		DBM
<i>Polites themistocles</i> With Jake Barnard	Cook: Walter Rd. & Junco Creek Rd. near Binagami Lk.	24-Jun-13	24-Jul-13	DBM
<i>Poanes hobomok</i>	Cook: numerous sites in county	24-Jun-13	16-Jul-13	DBM
<i>Poanes viator</i>	Cass: Oak Point	18-Jul-13		ASB
<i>Euphyes bimacula</i>	Cass :	07-Jul-13		JWJ
<i>Euphyes bimacula</i> record from Jim & Susan Hengeveld; furthest NW in MN	BELTRAMI : Bemidji	20-Jul-13		JWJ
<i>Euphyes conspicua</i>	HUBBARD: Mantrap Twp.	19-Jul-13		JWJ
<i>Euphyes vestris metacomet</i>	Beltrami: Big Bog State Park	01-Jul-13		ASB
<i>Euphyes vestris metacomet</i>	Cook: near junction of FR 152 & FR 315	16-Jul-13		DBM

PAPILIONIDAE

<i>Papilio canadensis</i>	Cass: Oak Point	07-Jun-13	10-Jul-13	ASB
<i>Papilio canadensis</i> also Jim Phillips & Pat Thomas	Cook: numerous sites in county	07-Jun-13	16-Jul-13	DBM
<i>Papilio polyxenes</i>	Cass: Oak Point	07-Jul-13	13-Aug-13	ASB

PIERIDAE

<i>Pieris oleracea</i>	Cass: Oak Point	24-May-13	17-Jul-13	ASB
<i>Pieris oleracea</i>	Cook: 76 Walter Rd.	18-Aug-13		DBM
<i>Euchloe ausonides</i>	Cook: Co. Rd. 12 (Gunflint Trail)	28-May-13		DBM

<i>Colias eurytheme</i>	Cass: Oak Point	31-Aug-13	30-Sep-13	ASB
<i>Colias interior</i>	Hubbard: County Hwy. 44	22-Jun-13		ASB
<i>Colias interior</i>	Cass: Oak Point	24-Jun-13		ASB
<i>Colias interior</i> also Jim Phillips & Pat Thomas	Cook: Junco Creek Rd. near Binagami Lk. off FR 154	06-Jul-13	22-Aug-13	DBM
<i>Nathalis iole</i> late record by 18 days; first sighting since 2001	Hubbard : Nevis Twp	01-Oct-13		JWJ
LYCAENIDAE				
<i>Feniseca tarquinius</i> on scat	Cook: Walter Rd. & Junco Crk. Rd.	11-Aug-13		DBM
<i>Lycaena dione</i>	Polk : near Fertile	10-Jul-13		JWJ
<i>Lycaena dorcas</i>	Hubbard: Clancy Lake	04-Jul-13		KEJ
<i>Lycaena dorcas</i> nectaring on Cinquefoil flowers	Beltrami : Big Bog State Park	14-Jul-13		ASB
<i>Lycaena epixanthe</i>	Beltrami: 5th St. West of-Bemidji	18-Jul-13		ASB
<i>Lycaena hyllus</i>	Cass: Oak Point	30-Jun-13	10-Jul-13	ASB
<i>Lycaena phlaeas</i> late record by 12 days	Hubbard : Nevis Twp.	12-Jun-13	08-Oct-13	JWJ
<i>Satyrrium acadica</i> nectaring on milkweed and joe-pye-weed	Cass: Oak Point	18-Jul-13	02-Aug-13	ASB
<i>Satyrrium calanus falacer</i>	Hubbard : Akeley Twp.	16-Jul-13	07-Aug-13	JWJ
<i>Satyrrium calanus falacer</i>	Cass: Oak Point	18-Jul-13	30-Jul-13	ASB
<i>Satyrrium titus</i> nectaring on milkweed	Cass: Oak Point	18-Jul-13		ASB
<i>Callophrys augustinus</i>	Cook: Junco Creek Rd. near Binagami Lk. off FR 154	29-May-13	03-Jun-13	DBM
<i>Callophrys augustinus</i> nectaring on Labrador Tea	Beltrami : Big Bog State Park	16-Jun-13		ASB
<i>Callophrys augustinus</i> late record	Hubbard : Nevis Twp.	24-Jun-13		JWJ
<i>Callophrys eryphon</i>	Cook: FR 152 Lima Mt. Rd. & Junco Creek Rd.	03-Jun-13		DBM
<i>Callophrys henrici</i>	Hubbard: Clancy & Lilypad Lakes	24-May-13	13-Jun-13	KEJ
<i>Callophrys niphon</i> nectaring on blueberry blossoms	Cass: Oak Point	24-May-13		ASB
<i>Callophrys niphon</i> nectaring on dandelions	Hubbard: County Hwy. 44	02-Jun-13		ASB
<i>Callophrys polios</i>	Cass: Oak Point	24-May-13		ASB
<i>Callophrys polios</i>	Hubbard: Lake George	24-May-13	13-Jun-13	KEJ
<i>Callophrys polios</i>	Cook: Junco Creek Rd. near Binagami Lk. off FR 154	29-May-13	14-Jun-13	DBM
<i>Callophrys polios</i>	Hubbard : Badoura Twp.	08-Jun-13		JWJ
<i>Callophrys polios</i> nectaring on blueberry blossoms	Hubbard: County Hwy. 44	08-Jun-13		ASB
<i>Cupido amyntula</i>	Cass: Nary Road	22-Jun-13		ASB
<i>Cupido comyntas</i> late record	Hubbard : Nevis Twp.	07-Jun-13	08-Oct-13	JWJ
<i>Cupido comyntas</i>	Cass: Oak Point	18-Jun-13	07-Sep-13	ASB
<i>Celastrina lucia</i>	Cook: many sites in county	28-May-13	24-Jun-13	DBM
<i>Celastrina neglecta</i> nectaring on Labrador Tea	Beltrami : Big Bog State Park	14-Jul-13		ASB
<i>Celastrina neglecta</i>	Cass: Oak Point	17-Jul-13	12-Aug-13	ASB
<i>Plebejus idas nabokovi</i> also Jim Phillips & Pat Thomas	Cook: Junco Creek Rd. near Binagami Lk.; FR 152; FR 315	06-Jul-13	07-Aug-13	DBM
<i>Plebejus saepiolus</i>	Hubbard : Mantrap Twp.	24-Jun-13		JWJ
<i>Plebejus saepiolus</i>	Cook: Junco Creek Rd. & FR 158 0.5 m s. of CR 12	25-Jun-13	12-Jul-13	DBM
NYMPHALIDAE				
<i>Danaus plexippus</i>	Cook: Walter Rd. & Co. Rd 87 (Croftville Rd.)	07-Jun-13	17-Jul-13	DBM
<i>Danaus plexippus</i>	Cass: Oak Point	08-Jun-13	08-Oct-13	ASB
<i>Lethe anthedon</i>	Cass: Oak Point	30-Jun-13	17-Jul-13	ASB
<i>Lethe anthedon</i> With Jim Phillips & Pat Thomas	Cook: Walter Rd. & Junco Creek Rd. near Binagami Lk.	06-Jul-13	11-Aug-13	DBM
<i>Lethe appalachia</i>	Beltrami: Lake Bemidji State Park	03-Jul-13	13-Jul-13	ASB
<i>Lethe eurydice</i>	Cass: Oak Point	03-Jul-13	21-Jul-13	ASB
<i>Coenonympha tullia inornata</i>	Cass: Oak Point	26-Jun-13	18-Jul-13	ASB
<i>Erebia discoidalis</i>	Carlton: SE of School Lake	07-Jun-13		KEJ

Oeneis jutta ascerta	Pine: Kerrick	07-Jun-13		KEJ
Oeneis jutta ascerta	HUBBARD: Clancy Lake	08-Jun-13		KEJ
Oeneis jutta ascerta	Itasca: Bog & Minisogama Lakes	11-Jun-13		KEJ
Oeneis jutta ascerta	Beltrami : Big Bog State Park	15-Jun-13	16-Jun-13	ASB
Euptoieta claudia	Cass: Oak Point	23-Jul-13		ASB
Speyeria aphrodite	Cass: Oak Point	28-Jul-13	12-Aug-13	ASB
Speyeria atlantis also Jim Phillips & Pat Thomas	Cook: Junco Creek Rd. near Binagami Lk. & Grand Marais	06-Jul-13	22-Aug-13	DBM
Speyeria cybele	Beltrami: Big Bog State Park	14-Jul-13		ASB
Speyeria cybele	Cook: Junco Creek Rd. near Binagami Lk. & Grand Marais	16-Jul-13		DBM
Boloria selene	Beltrami: Big Bog State Park	01-Jul-13		ASB
Boloria bellona	Cass: Oak Point	02-Jun-13	09-Aug-13	ASB
Boloria bellona	Cook: Junco Creek Rd. near Binagami Lk. off FR 154	24-Jun-13	19-Aug-13	DBM
Boloria chariclea	Cook: logging road off Junco Creek Rd.	07-Aug-13	11-Aug-13	DBM
Boloria eunomia	Roseau: Marvin Lake Peatland	18-Jun-13		KEJ
Boloria eunomia	CLEARWATER: Sugar Bush Lake	19-Jun-13		KEJ
Boloria eunomia	BECKER: Lake Frasier	19-Jun-13		KEJ
SW range extension				
Boloria eunomia extremely abundant	HUBBARD: Clancy Lake	19-Jun-13		KEJ
Boloria eunomia	ITASCA: Minisogama Lake	21-Jun-13		KEJ
Boloria freija	Beltrami: Chinaman Lake Peatland	22-May-13	10-Jun-13	KEJ
SW range extension				
Boloria freija	Itasca: Bog & Minisogama Lakes	11-Jun-13		KEJ
Boloria freija	Roseau: Marvin Lake Peatland	18-Jun-13		KEJ
Boloria freija	Cass: Sugar Point Bog	21-Jun-13		KEJ
Boloria frigga	Beltrami: Chinaman Lake Peatland	10-Jun-13		KEJ
Boloria frigga	Itasca: Bog & Minisogama Lakes	11-Jun-13		KEJ
Boloria frigga	Beltrami: Big Bog State Park	16-Jun-13		ASB
Limenitis arthemis Wth Jim Phillips & Pat Thomas	Cook: Junco Creek Rd. near Binagami Lk. off FR 154	06-Jul-13	17-Aug-13	DBM
Vanessa cardui	Cass: Oak Point	19-Jul-13		ASB
Vanessa virginiensis	Cook: Walter Rd. & Mistletoe Rd. off CR 4	14-Jun-13	02-Jul-13	DBM
Nymphalis antiopa	Cook: Walter Rd. & Junco Creek Rd. near Binagami Lk.	07-May-13	30-Sep-13	DBM
Nymphalis l-album	Cook: Walter Rd. & FR 304 off CR 12	29-Apr-13	24-Sep-13	DBM
Polygonia comma	Cass: Oak Point	10-Jul-13		ASB
Polygonia faunus	Cook: FR 152 Lima Mt. Rd. & Junco Creek Rd.	29-May-13	19-Aug-13	DBM
Polygonia faunus	Itasca: Bog & Minisogama Lakes	11-Jun-13		KEJ
Polygonia faunus	Cass: Oak Point	22-Jul-13		ASB
Polygonia progne	Cook: Walter Rd. & Junco Creek Rd. near Binagami Lk.	24-Jun-13	22-Aug-13	DBM
Polygonia progne	Beltrami: Big Bog State Park	14-Jul-13		ASB
Junonia coenia	Beltrami: Big Bog State Park	01-Jul-13		ASB
Chlosyne harrisii	Cass: Oak Point	29-Jun-13	13-Jul-13	ASB
Chlosyne nycteis	Cass: Oak Point	21-Jun-13	11-Jul-13	ASB
Chlosyne nycteis also Jim Phillips & Pat Thomas	Cook: Junco Creek Rd. near Binagami Lk. off FR 154	24-Jun-13	12-Jul-13	DBM
Phyciodes cocyta selenis Wth Jim Phillips & Pat Thomas	Cook: Junco Creek Rd. near Binagami Lk. off FR 154	24-Jun-13	19-Aug-13	DBM
Euphydryas phaeton	Beltrami: Lake Bemidji State Park	05-Jul-13	16-Jul-13	ASB

Moths

ERIOCRANIIDAE

Dyseriocrania griseocapitella abundant at UV light; perhaps using	SHERBURNE: Uncas Dunes Quercus ellipsoidal as host at this site	18-May-13		KEJ
Eriocrania semipurpurella STATE RECORD	BELTRAMI: Rabideau Lake	22-May-13		KEJ

ADELIDAE

Adela purpurea	CLEARWATER: Cox Lake to Otterkill Trail	14-May-13	15-May-13	KEJ
Adela purpurea	HUBBARD: Lake George	14-May-13		KEJ
Adela purpurea	BELTRAMI: Rice Lake	15-May-13		KEJ

GRACILLARIIDAE

Caloptilia cornusella	HUBBARD: Lilypad Lake	13-May-13		KEJ
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<i>Caloptilia quercinigrella</i>	SHERBURNE: Uncas Dunes	18-May-13		KEJ
<i>Caloptilia strictella</i>	Beltrami: Pennington Bog	16-May-13		KEJ
ELACHISTIDAE				
<i>Agonopterix canadensis</i>	HUBBARD: Lilypad Lake	13-May-13		KEJ
<i>Agonopterix clemensella</i> northern range extension	HUBBARD: Lilypad Lake	13-May-13		KEJ
<i>Agonopterix flavicomella</i>	HUBBARD: Lake George	18-Sep-13		KEJ
<i>Depressariodes ciniflonella</i>	CLEARWATER: Sugar Bush Lake	14-May-13		KEJ
GELECHIIDAE				
<i>Telphusa longifasciella</i>	SHERBURNE: Uncas Dunes	18-May-13		KEJ
CRAMBIDAE				
<i>Anania funebris</i>	Hubbard : Mantrap Twp.	21-Jun-13		JWJ
<i>Anania funebris</i>	Cass: Oak Point	24-Jun-13		ASB
<i>Crambus alienellus</i>	CLEARWATER: Sugar Bush Lake	08-Jun-13		KEJ
<i>Crambus alienellus</i>	Cass: Hole in Bog Peatland	21-Jun-13		KEJ
SESIIDAE				
<i>Paranthrene simulans</i>	HUBBARD: Grace Lake	20-Jun-13	21-Jun-13	KEJ
<i>Paranthrene tabaniformis</i> attracted to pheromone trap	Isanti: 2.5 mi. W of Pine Brook	24-Jun-13		JS6
<i>Albuna pyramidalis</i> pheremone trap	LAKE OF THE WOODS: Norris Camp	15-Jun-13		KEJ
<i>Sesia spartani</i>	HUBBARD: Grace Lake	03-Jul-13	04-Jul-13	KEJ
TORTRICIDAE				
<i>Pseudexentera kalmiana</i>	CLEARWATER: Sugar Bush Lake	14-May-13		KEJ
<i>Epinotia arctostaphylana</i>	HUBBARD: Lake George	18-Sep-13		KEJ
<i>Acleris oxycoccana</i>	CLEARWATER: Sugar Bush Lake	14-May-13		KEJ
<i>Acleris youngana</i>	HUBBARD: Grace Lake	16-May-13		KEJ
GEOMETRIDAE				
<i>Macaria aemulataria</i>	Cass: Oak Point	19-Jun-13		ASB
<i>Macaria sulphurea</i>	HUBBARD: Clancy Lake	04-Jul-13		KEJ
<i>Macaria truncataria</i>	BECKER: Lake Frasier	19-Jun-13		KEJ
<i>Euchlaena marginaria</i>	Cass: Bug-O-Nay-Ge-Shig School	24-Jun-13		ASB
<i>Euchlaena tigrinaria</i>	Cass: Bug-O-Nay-Ge-Shig School	24-Jun-13		ASB
<i>Cingilia catenaria</i>	Beltrami: Big Bog State Park	19-Sep-13		ASB
<i>Tetracis cachexiata</i>	Hubbard : Mantrap Twp.	21-Jun-13		JWJ
<i>Lobocleta plemyraria</i>	SHERBURNE: Uncas Dunes	18-May-13		KEJ
<i>Haematopis grataria</i>	Cass: Oak Point	31-Aug-13		ASB
<i>Scopula limboundata</i>	Cass: Oak Point	08-Jul-13		ASB
<i>Mesoleuca ruficillata</i>	POLK: Gully Fen	12-Jun-13		KEJ
<i>Zenopheps lignicolorata</i>	Hubbard: Lake George	18-Sep-13		KEJ
SATURNIIDAE				
<i>Antheraea polyphemus</i>	Cook: 76 Walter Rd.	26-Jun-13	16-Jul-13	DBM
<i>Actias luna</i>	Cook: 76 Walter Rd.	26-Jun-13	16-Jul-13	DBM
<i>Callosamia promethea</i>	Winona: Whitewater Wildlife Management Area, Melcher Ridge	28-Jun-13		TJ
<i>Hyalophora cecropia</i>	Becker : Tamarac NWR	16-Jun-13		JWJ
<i>Hyalophora columbia</i> also Dan Baumann	Cook: Walter Rd. & FR 1374, 0.5 m e. of CR 66	26-Jun-13	05-Jul-13	DBM
SPHINGIDAE				
<i>Sphinx luscitiosa</i>	Becker: Lake Frasier	19-Jun-13		KEJ
<i>Sphinx luscitiosa</i>	Cass: Sugar Point Bog	21-Jun-13		KEJ
<i>Smerinthus jamaicensis</i>	Itasca: Scenic State Park	22-Jun-13		ASB
<i>Hemaris diffinis</i> nectaring on lilacs and thistle	Cass: Oak Point	12-Jun-13	27-Aug-13	ASB
<i>Hemaris diffinis</i> mated pair 1521 hrs. on 21-Jun-13	Hubbard : Mantrap Twp.	21-Jun-13	25-Jun-13	JWJ
<i>Eumorpha achemon</i> caterpillar found on cultivated grape	Isanti: 1.5 miles north of Wyanett 28 September 2013	28-Sep-13		JS6
<i>Eumorpha pandorus</i>	Isanti: 2.5 mi. W of Pine Brook	11-Jul-13		JS6
<i>Hyles lineata</i>	Cass: Oak Point	06-Aug-12		ASB
<i>Hyles lineata</i> At UV Light	Cook: Walter Rd. & Grand Marais	17-Jul-13	03-Sep-13	DBM

EREBIDAE

Hypercompe scribonia caterpillar found on ash sapling 13 September 2013	Isanti: 2.5 mi. W of Pine Brook	13-Sep-13	JS6
Haploa lecontei	Cass: Oak Point	12-Jul-13	ASB
Cycnia tenera	Clay : Bluestem Prairie	30-Jun-13	JWJ
Lophocampa maculata on birch, blueberry and red osier dogwood	Cook: Walter Rd., Devil Track Lake	25-Aug-13	10-Sep-13 DBM
Orgyia antiqua	Cook: Walter Rd.	28-Aug-13	10-Sep-13 DBM
Pangrapta decoralis	Hubbard: County Hwy. 44	13-Jul-13	ASB
Hypena deceptalis	Beltrami: Lake Bemidji State Park	13-Jul-13	ASB
Euclidia cuspeida nectaring on clover	Cass: Oak Point	20-Jun-13	ASB
Parallelia bistriaris	Cass: Oak Point	19-Jun-13	ASB

NOCTUIDAE

Capis curvata reared	Isanti: Sager's Swamp (1.5 mi. W of Pine Brook)	06-Sep-13	JS6
Capis curvata	Sherburne: Engblom's willow wetland	09-Sep-13	JS6
Brachionycha borealis	HUBBARD: Lilypad Lake	13-May-13	KEJ
Brachionycha borealis	BELTRAMI: Rice Lake	15-May-13	KEJ
Schinia florida perched in Evening Primrose blossom	Beltrami : Bemidji	20-Jul-13	JWJ
Melaporphyria immortua second MN record; seldom reported anywhere	HUBBARD: Lilypad Lake	13-Jun-13	KEJ
Trachea delicata	Sherburne: Engblom's willow wetland	04-Aug-13	JS6
Meropleon ambifuscum	Hubbard: Lake George	18-Sep-13	KEJ
Papaipema appassionata	Beltrami: Pennington Bog	13-Sep-13	KEJ
Papaipema leucostigma common	Hubbard: Schoolcraft River	17-Sep-13	KEJ
Xylena cineritia	HUBBARD: Lilypad Lake	13-May-13	KEJ
Xylena nupera	BELTRAMI: Rice Lake	15-May-13	KEJ
Xylena thoracica	BELTRAMI: Rice Lake	15-May-13	KEJ
Xylena thoracica	HUBBARD: Lake George	18-Sep-13	KEJ
Litholomia napaea	HUBBARD: Lake George	18-Sep-13	KEJ
Lithophane adipel	Hubbard: Lilypad Lake	13-May-13	KEJ
Lithophane amanda	Hubbard: Lake George	18-Sep-13	KEJ
Lithophane baileyi	CLEARWATER: Sugar Bush Lake	14-May-13	KEJ
Lithophane bethunei uncommon this far north	HUBBARD: Lake George	18-Sep-13	KEJ
Lithophane georgii SW range extension	HUBBARD: Lake George	18-Sep-13	KEJ
Lithophane lanei	HUBBARD: Lake George	18-Sep-13	KEJ
Lithophane lanei	Lake of the Woods: Rapid River Road Bog	24-Sep-13	KEJ
Lithophane semiusta	CLEARWATER: Sugar Bush Lake	14-May-13	KEJ
Lithophane semiusta	HUBBARD: Grace Lake & Lake George	16-May-13	18-Sep-13 KEJ
Lithophane semiusta northwest range extension	LAKE OF THE WOODS: Spina Trail Peatland	25-Sep-13	KEJ
Lithophane tepida	HUBBARD: Lake George	18-Sep-13	KEJ
Lithophane thaxteri	CLEARWATER: Sugar Bush Lake	14-May-13	KEJ
Lithophane thaxteri	HUBBARD: Lake George	18-Sep-13	KEJ
Pyreferra pettiti	CLEARWATER: Sugar Bush Lake	14-May-13	KEJ
Epiglaea apiata	HUBBARD: Lake George	18-Sep-13	KEJ
Sutyna privata caterpillar swept from barrens ground vegetation 11 June 2013; reared on blueberry	Hubbard: Lake George Pine Barrens 6 mi. E of Itasca St Pk	11-Jun-13	JS6
Trichodestra rugosa	CASS: Hole in Bog Peatland	21-Jun-13	KEJ
Coranarta luteola	HUBBARD: Clancy Lake	24-May-13	KEJ
Coranarta luteola	PINE: Kerrick	07-Jun-13	KEJ
Coranarta luteola	CARLTON: SE of School Lake	07-Jun-13	KEJ
Coranarta luteola	Beltrami: Chinaman Lake Peatland	10-Jun-13	KEJ
Coranarta luteola	ITASCA: Bog & Minisogama Lakes	11-Jun-13	KEJ
Cerastis fishii	Beltrami: Chinaman Lake Peatland	22-May-13	KEJ
Hemipachnobia monochromatea	CLEARWATER: Sugar Bush Lake	19-Jun-13	KEJ

OHIO

Moths

PSYCHIDAE

<i>Psyche casta</i> case under shags of large live <i>Carya ovata</i>	Wyandot: Killdeer Plains SWA	18-Jan-13	KEJ
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ELACHISTIDAE

<i>Agonopterix alstroemeriana</i> under bark	Wyandot: Killdeer Plains SWA	18-Jan-13	KEJ
<i>Agonopterix clemensella</i> under bark	Wyandot: Killdeer Plains SWA	18-Jan-13	KEJ
<i>Agonopterix eupatoriella</i> under bark	Wyandot: Killdeer Plains SWA	18-Jan-13	KEJ
<i>Agonopterix pulvipennella</i> under shags of large live <i>Carya ovata</i>	Wyandot: Killdeer Plains SWA	18-Jan-13	KEJ
<i>Depressaria cinereocostella</i> under shags of large live <i>Carya ovata</i>	Wyandot: Killdeer Plains SWA	18-Jan-13	KEJ

EREBIDAE

<i>Hypena scabra</i> under bark	Wyandot: Killdeer Plains SWA	18-Jan-13	KEJ
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WISCONSIN

Kyle Johnson conducted field work over much of the state with the most intensive efforts in Grant, Marinette, Price, Dane, and Shawano counties. The season overall was much cooler than 2012, especially spring which was over a month behind in some areas. Summer sampling was quite productive, with good abundances and diversity despite some less than optimal weather. Southern strays were rather scarce throughout the season but there were a few surprises including *Spodoptera exigua* in Adams and Marinette Counties. The Swengels reported cool wet conditions through early May. Parts of north-central and north-eastern Wisconsin had average to above average moisture most of the year, with flooding rains occurring several times in Bayfield and Douglas Counties. Relatively dry conditions prevailed later in the season in the southern part of the state. Spring butterfly flights began 25-40 days later than 2012's record early pace. By midsummer butterflies were 2-3 weeks behind 2012, with single-brooded species only a week behind average phenology by then. More species than usual had low years. Skippers, swallowtails, all sulfurs, most coppers, most blues, harvesters, anglewings and Monarchs had particularly poor years. *Callophrys augustinus*, *Erebia discoidalis* and a few other wetter-habitat species had good years. Twice as many *Schinia indiana* were recorded than in their previous best year. Jim Ebner reported an exceptionally late spring and severely depressed butterfly populations during the summer and fall. He recorded only 27 butterfly species from April 28- Nov. 3 in Waukesha County, the most dreadful season he experienced in 70 years of butterflying. *Pieris rapae* was the only species doing well in the area. Migrants were almost absent. *Danaus plexippus* arrived very late and for the first time no larvae or eggs could be found in his milkweed patch. A late meager flight in early October signaled the end of a disastrous season for them. *Colias eurytheme* and *philodice* were rare all season, as were *Pyrisitia lisa*, *Vanessa atalanta*, *V. cardui*, *V. virginianensis*, *Junonia coenia*, and *Atalopedes campestris*. Les Ferge noted an influx of *Hyles lineata* in Dane and Iowa counties in late September, and found small numbers of migrant *Pyrisitia lisa*, *Nathalis iole*, *Euptoieta claudia* and *Junonia coenia* in Crawford County on September 20.

Butterflies

HESPERIIDAE

<i>Erynnis martialis</i> second record from Jackson County since 2002	Jackson: Jackson County Forest	11-Jun-13	SAS
<i>Erynnis martialis</i>	Burnett: Burnet County Forest & Crex Meadows	13-Jun-13	28-Jul-13 SAS
<i>Hylephila phyleus</i>	Waukesha: Okauchee	08-Oct-13	10-Oct-13 JAE
<i>Hesperia comma laurentina</i>	Bayfield: southwestern part of county	10-Aug-13	SAS
<i>Hesperia metea</i>	BAYFIELD: Moquah Barrens	27-May-12	SAS
<i>Hesperia ottoe</i>	Vernon: Battle Bluff Prairie SNA	20-Jul-13	SAS
<i>Hesperia ottoe</i> not found at five other historic sites	Crawford: Rush Creek Prairie SNA	20-Jul-13	SAS
<i>Atalopedes campestris</i>	Jackson: Bauer Brockway Barrens State Natural Area	09-Jun-13	MLL
<i>Polites origenes</i>	Columbia: Rocky Run Creek	14-Jul-13	KEJ
<i>Problema byssus</i>	Grant: Eagle Valley Preserve	12-Jul-13	KEJ
<i>Poanes massasoit</i>	Douglas: bog near Lyman Lake	09-Aug-13	11-Aug-13 SAS
<i>Poanes viator</i>	Sauk: Devil's Lake State Park	10-Jul-13	SAS
<i>Poanes viator</i>	Jackson: Dike 17	23-Jul-13	SAS
<i>Poanes viator</i>	Burnett: Crex Meadows Wildlife Area	25-Jul-13	SAS
<i>Poanes viator</i>	Douglas: Bear Lake Bog	09-Aug-13	SAS
<i>Euphyes bimacula</i>	Douglas: County A Road 1 mile E Bear Creek	21-Jul-13	MLL
<i>Euphyes conspicua</i>	Burnett: Burnett County Forest & Crex Meadows Wildlife Area	28-Jul-13	SAS
<i>Euphyes dion</i>	Douglas: County A Road 1 mile E Bear Creek	20-Jul-13	21-Jul-13 MLL
<i>Euphyes dion</i> low numbers	Burnett: Burnett County Forest & Crex Meadows Wildlife Area	28-Jul-13	SAS
<i>Euphyes dion</i>	PRICE: Riley Lake Bog	29-Jul-13	KEJ

<i>Atrytonopsis hianna</i>	CRAWFORD: Hogback Prairie	28-May-13	29-May-13	KEJ
<i>Panoquina ocola</i>	DANE: Olbrich Botanical Gardens	01-Oct-13		LAF
STATE RECORD, photo by Ann Thering on http://wisconsinbutterflies.org				
PAPILIONIDAE				
<i>Papilio cresphontes</i>	Sauk: Leopold Preserve	31-May-13		SAS
<i>Papilio cresphontes</i>	Waukesha: Kettle Moraine SF, Okauchee	29-Jul-13	30-Aug-13	JAE
<i>Papilio cresphontes</i>	TAYLOR: 2.5 mi. W of Medford	28-Aug-13		JFR
<i>Papilio polyxenes asterius</i>	Douglas: County A Road 1 mile E Bear Creek	20-Jul-13	31-Aug-13	MLL
PIERIDAE				
<i>Pieris oleracea</i>	Douglas: Hunters Trail Road 1 mile E of County Road A	08-Jun-13	20-Jul-13	MLL
<i>Zerene cesonia</i>	Green Lake: Puchyan Prairie SNA	14-Jul-13		SAS
<i>Pyrisitia lisa</i>	Crawford: Prairie du Chien	20-Sep-13		LAF
<i>Nathalis iole</i>	Crawford: Prairie du Chien	20-Sep-13		LAF
LYCAENIDAE				
<i>Feniseca tarquinius</i>	Douglas: Jackson Box Grouse rd E of Empire Wilderness Rd	21-Jul-13		MLL
<i>Lycaena dione</i>	Portage: Buena Vista Wildlife Area	04-Jul-13	02-Aug-13	SAS
<i>Lycaena dorcas</i>	Douglas: County A Road 1 mile E Bear Creek	21-Jul-13		MLL
<i>Lycaena epixanthe michiganensis</i>	Douglas: County A Road 1 mile E Bear Creek	21-Jul-13		MLL
<i>Lycaena helloides</i>	Douglas: County A Road 1 mile E Bear Creek	21-Jul-13		MLL
<i>Lycaena helloides</i>	Burnett: Crex Meadows Wildlife Area	28-Jul-13		SAS
<i>Lycaena helloides</i>	Adams: Leola Wildlife Area	02-Aug-13		SAS
<i>Lycaena hyllus</i>	Green Lake: Puchyan Prairie SNA	14-Jul-13		SAS
<i>Lycaena hyllus</i>	Douglas: S. Oliphant Road at Bear Creek Marsh	20-Jul-13		MLL
<i>Callophrys henrici</i>	Price: Riley Lake Bog area	24-May-13	27-May-13	SAS
<i>Callophrys irus</i>	Jackson: Jackson County Forest	15-May-13	02-Jun-13	SAS
not found in several tries at historic sites in Wood County				
<i>Strymon melinus</i>	Jackson: Bauer Brockway Barrens State Natural Area	09-Jun-13		MLL
<i>Strymon melinus</i>	Jackson: Jackson County Forest	23-Jul-13		SAS
<i>Plebejus idas nabokovi</i>	Marinette: Shrine Rd.	06-Jul-13		SAS
two males, lowest number in 14 years, not found in Oconto County locality				
<i>Plebejus melissa samuelis</i>	Jackson: Jackson County Forest	16-Jun-13	24-Jun-13	SAS
below average numbers				
NYMPHALIDAE				
<i>Danaus plexippus</i>	Dane: Middleton (Stricker's Pond)	07-Jun-13		LAF
<i>Danaus plexippus</i>	Waukesha: Oconomowoc	25-Jun-13	10-Oct-13	JAE
<i>Lethe eurydice</i>	Bayfield: East Crane Lake Kettlebog	20-Jul-13		MLL
<i>Lethe eurydice</i>	Door: Bailey's Harbor	31-Jul-13		JKA
<i>Erebia discoidalis</i>	Price: seven sites in county	24-May-13	07-Jun-13	SAS
<i>Erebia discoidalis</i>	Douglas: County A Road 1 mile E Bear Creek	07-Jun-13	08-Jun-13	MLL
<i>Oeneis jutta ascerta</i>	Douglas: County A Road 1 mile E Bear Creek	24-May-13	08-Jun-13	MLL
<i>Oeneis jutta ascerta</i>	Douglas: Amnicon Lake	11-Jul-13		SAS
very late record				
<i>Euptoieta claudia</i>	Douglas: County A Road 1 mile E Bear Creek	21-Jul-13		MLL
<i>Speyeria aphrodite alcestis</i>	Douglas: County A Road 1 mile E Bear Creek	20-Jul-13	21-Jul-13	MLL
<i>Speyeria idalia</i>	Portage: Buena Vista Wildlife Area	04-Jul-13	06-Sep-13	SAS
<i>Speyeria idalia</i>	Crawford: Hogback Prairie SNA	20-Jul-13		SAS
None in historic Green Co. sites, Sauk, Jackson & Crawford Cos. Where the species unexpectedly appeared in 2012				
<i>Boloria chariclea grandis</i>	Douglas: Amnicon Lake	28-Jul-13	11-Aug-13	SAS
numbers down, but higher than in 2012				
<i>Boloria freija</i>	Price: Riley Lake Bog	24-May-13		SAS
average to high numbers				
<i>Boloria freija</i>	Douglas: County A Road 1 mile E Bear Creek	24-May-13	08-Jun-13	MLL
<i>Polygonia faunus</i>	Douglas: S. Oliphant Road at Bear Creek Marsh	24-May-13		MLL
<i>Polygonia satyrus</i>	Douglas: Hunters Trail Road 1 mile E of County Road A	08-Jun-13		MLL
<i>Junonia coenia</i>	Bayfield: Port Wing & Bark Bay	30-Jun-13	25-Jul-13	SAS
in bogs				
<i>Chlosyne gorgone carlota</i>	Jackson: Bauer Brockway Barrens State Natural Area	09-Jun-13		MLL
Moths				
ERIOCRANIIDAE				
<i>Dysericrania griseocapitella</i>	GRANT: Eagle Valley Preserve	07-May-13		KEJ
abundant at UV light				

HEPIALIDAE

<i>Sthenopis argenteomaculatus</i>	Oneida: Elna Lake SW of Rhinelander	24-Jun-13		JS7
<i>Korscheltellus gracilis</i>	JACKSON: Bog at Hwy. 54 & Spaulding Rd.	26-Jul-13		LAF
<i>Korscheltellus gracilis</i> also Kyle Johnson; brief flight at dusk, MV sheet	PRICE: Riley Lake Bog	28-Jul-13	29-Jul-13	SCB
<i>Korscheltellus gracilis</i>	Door: Bailey's Harbor	01-Aug-13		JKA

PSYCHIDAE

<i>Solenobia walshella</i> case under bark	CALUMET: High Cliff State Park	28-Mar-13		KEJ
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SCHRECKENSTEINIIDAE

<i>Schreckensteinia festaliella</i>	PRICE: Riley Lake Bog	29-Jul-13		KEJ
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GRACILLARIIDAE

<i>Caloptilia quercinigrella</i>	GRANT: Eagle Valley Preserve	07-May-13		KEJ
<i>Phyllonorycter celtifoliella</i> under bark; northern range extension	CALUMET: High Cliff State Park	28-Mar-13		KEJ
<i>Phyllonorycter morrisella</i> beneath <i>Carya</i> shags of live tree	FOND DU LAC: Eldorado SWA	29-Mar-13		KEJ
<i>Phyllonorycter tiliacella</i> probable new WI record	CRAWFORD: Hogback Prairie	28-May-13		KEJ
<i>Cameraria caryaefoliella</i>	DANE: Swamp Lover's Preserve	06-Jul-13		KEJ
<i>Phyllocnistis vitifoliella</i> found as late instar larva; miner of <i>Vitis riparia</i>	DODGE: Mayville	25-Jul-13		KEJ

ELACHISTIDAE

<i>Agonopterix eupatoriella</i> under bark	CALUMET: High Cliff State Park	28-Mar-13		KEJ
<i>Agonopterix eupatoriella</i>	SHAWANO: Navarino SWA	27-Apr-13		KEJ
<i>Agonopterix lythrella</i>	MARINETTE: Mathis Lake	24-Aug-13		KEJ
<i>Agonopterix nigrinotella</i>	WAUPACA: Navarino SWA: Wolf River	26-Apr-13		KEJ

GELECHIIDAE

<i>Telphusa longifasciella</i>	CRAWFORD: Hogback Prairie	28-May-13		KEJ
<i>Chionodes obscurusella</i>	CRAWFORD: Hanson Prairies	07-Apr-13		KEJ
<i>Chionodes soter</i>	DANE: Swamp Lover's Preserve	06-Jul-13		KEJ

BLASTOBASIDAE

<i>Blastobasis glandulella</i>	Grant: Eagle Valley Preserve	12-Jul-13		KEJ
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COSMOPTERIGIDAE

<i>Cosmopterix montisella</i> probable new WI record	GRANT: Eagle Valley Preserve	12-Jul-13		KEJ
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CARPOSINIDAE

<i>Bondia crescentella</i>	GRANT: Eagle Valley Preserve	07-May-13		KEJ
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GLYPHIPTERIGIDAE

<i>Glyphipterix circumscriptella</i> some taken in sesiid pheremone traps	Dane: Swamp Lover's Preserve	06-Jul-13	08-Jul-13	KEJ
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PLUTELLIDAE

<i>Ypsolopha canariella</i>	PRICE: Riley Lake Bog	29-Jul-13		KEJ
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LYONETIIDAE

<i>Philonome clemensella</i> ex. sesiid pheremone lure	GRANT: Eagle Valley Preserve	12-Jul-13		KEJ
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CRAMBIDAE

<i>Apogeshna stenialis</i>	GRANT: Eagle Valley Preserve	11-Jul-13	12-Jul-13	KEJ
<i>Crambus girardellus</i>	Grant: Eagle Valley Preserve	11-Jul-13		KEJ
<i>Diastictis ventralis</i>	CRAWFORD: Hogback Prairie	28-May-13		KEJ
<i>Diathrausta reconditalis</i>	Dane: Swamp Lover's Preserve	06-Jul-13		KEJ
<i>Parapediasia decorella</i>	Dane: Swamp Lover's Preserve	06-Jul-13		KEJ
<i>Pediasia laciniella</i>	Marinette: Athelstane Barrens	25-Aug-13		KEJ
<i>Platytes vobisne</i>	Marathon: Weston Twp., Callon Ave.	28-Jun-13		JS7
<i>Polygrammodes flavidalis</i>	Dane: Swamp Lover's Preserve	23-Aug-13		SCB
<i>Pyrausta inveterascalis</i>	Grant: Eagle Valley Preserve	11-Jul-13		KEJ
<i>Pyrausta laticlavata</i>	GRANT: Eagle Valley Preserve	31-Aug-13		KEJ
<i>Stegia eripalis</i>	GRANT: Eagle Valley Preserve	11-Jul-13	12-Jul-13	KEJ
<i>Uresiphita reversalis</i>	Dane: Swamp Lover's Preserve	29-Jul-13		GWG

PYRALIDAE

<i>Tosale oviplagalis</i>	Grant: Eagle Valley Preserve	11-Jul-13		KEJ
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<i>Pseudasopia intermedialis</i>	GRANT: Eagle Valley Preserve	12-Jul-13		KEJ
<i>Zophodia grossulariella</i>	CRAWFORD: Hogback Prairie	28-May-13		KEJ
SESIIDAE				
<i>Albuna fraxini</i>	Dane: Swamp Lover's Preserve	06-Jul-13	08-Jul-13	KEJ
<i>Albuna fraxini</i>	COLUMBIA: Rocky Run Creek	14-Jul-13		KEJ
<i>Synanthedon exitiosa</i>	Dane: Swamp Lover's Preserve	08-Jul-13		KEJ
<i>Synanthedon scitula</i>	GRANT: Eagle Valley Preserve	12-Jul-13		KEJ
<i>Podosesia syringae</i>	MILWAUKEE: Root River Parkway	04-Jun-13		KEJ
TORTRICIDAE				
<i>Orthotaenia undulana</i>	Oneida: Elna Lake SW of Rhinelander	24-Jun-13		JS7
<i>Orthotaenia undulana</i>	Marathon: Weston Twp., Callon Ave.	28-Jun-13		JS7
<i>Phaneta awemeana</i>	Oneida: Elna Lake SW of Rhinelander	24-Jun-13		JS7
<i>Phaneta canusana</i> rarely reported species from any region	MARINETTE: Athelstane Barrens	28-Apr-13		KEJ
<i>Phaneta raracana</i>	GRANT: Eagle Valley Preserve	31-Aug-13		KEJ
<i>Phaneta striatana</i>	CRAWFORD: Hogback Prairie	28-May-13		KEJ
<i>Phaneta verna</i>	CRAWFORD: Hogback Prairie	28-May-13		KEJ
<i>Eucosma heathiana</i>	DANE: Swamp Lover's Preserve	03-Aug-13		KEJ
<i>Pelochrista scintillana</i>	Oneida: Elna Lake SW of Rhinelander	24-Jun-13		JS7
<i>Epiblema scudderiana</i>	Oneida: Elna Lake SW of Rhinelander	24-Jun-13		JS7
<i>Pseudexentera hodsoni</i>	GRANT: Eagle Valley Preserve	07-May-13		KEJ
<i>Pseudexentera sepia</i>	GRANT: Eagle Valley Preserve	07-May-13		KEJ
<i>Epinotia arctostaphylana</i>	MARINETTE: Grandfather Lake Barrens	02-Oct-13		KEJ
<i>Phthoechroa lavana</i> probable new WI record	CRAWFORD: Hogback Prairie	28-May-13		KEJ
<i>Acleris flavivittana</i>	WAUPACA: Navarino SWA: Wolf River	26-Apr-13		KEJ
<i>Acleris logiana</i>	CRAWFORD: Hanson Prairies	07-Apr-13	08-Apr-13	KEJ
<i>Acleris maculidorsana</i>	SHAWANO: Navarino SWA	26-Apr-13		KEJ
<i>Pandemis cerasana</i>	Oneida: Elna Lake SW of Rhinelander	24-Jun-13		JS7
<i>Clepsia melaleucana</i>	Oneida: Elna Lake SW of Rhinelander	24-Jun-13		JS7
<i>Clepsia persicana</i>	Oneida: Elna Lake SW of Rhinelander	24-Jun-13		JS7
<i>Sparganothis pulcherrimana</i>	Dane: Swamp Lover's Preserve	06-Jul-13		KEJ
<i>Cochylis ringsi</i>	Grant: Eagle Valley Preserve	12-Jul-13		KEJ
GEOMETRIDAE				
<i>Archiearis infans</i> abundant	Marinette: 5 sites from Athelstane to Goodman Park	28-Apr-13		KEJ
<i>Leucobrephos brephoides</i>	MARINETTE: Goodman Park	28-Apr-13		KEJ
<i>Heliomata cycladata</i>	MARATHON: Weston Twp., Callon Ave.	28-Jun-13		JS7
<i>Eumacaria madopata</i>	CRAWFORD: Hogback Prairie	28-May-13		KEJ
<i>Macaria multilineata</i>	Crawford: Hogback Prairie	28-May-13		KEJ
<i>Digrammia neptaria</i>	ONEIDA: Elna Lake SW of Rhinelander	24-Jun-13		JS7
<i>Enconista dislocaria</i>	CRAWFORD: Hogback Prairie	28-May-13		KEJ
<i>Iridopsis larvaria</i>	Oneida: Elna Lake SW of Rhinelander	24-Jun-13		JS7
<i>Biston betularia</i>	Oneida: Elna Lake SW of Rhinelander	24-Jun-13		JS7
<i>Erannis tiliaria</i>	BAYFIELD: Moquah Barrens	11-Oct-13		SCB
<i>Erannis tiliaria</i>	KENOSHA: Bong SRA	04-Nov-13		SCB
<i>Metarranthis hypocharia</i>	Oneida: Elna Lake SW of Rhinelander	24-Jun-13		JS7
<i>Lambdina fiscellaria</i>	KENOSHA: Bong SRA	10-Sep-13		SCB
<i>Antepione thisoaria</i>	Dane: Swamp Lover's Preserve	23-Aug-13		SCB
<i>Nemoria mimosaria</i>	Oneida: Elna Lake SW of Rhinelander	24-Jun-13		JS7
<i>Hethemia pistasciaria</i>	Oneida: Elna Lake SW of Rhinelander	24-Jun-13		JS7
<i>Idaea dimidiata</i> STATE RECORD	DOOR: Egg Harbor	30-Jul-13		JKA
<i>Scopula junctaria</i>	ROCK: Avon Bottoms Wildlife Area	06-Sep-13		LAF
<i>Coryphista meadii</i>	ROCK: Magnolia Bluff County Park	06-Sep-13		LAF
<i>Xanthorhoe labradorensis</i>	Door: Bailey's Harbor	01-Aug-13		JKA
<i>Hydrelia condensata</i>	Oneida: Elna Lake SW of Rhinelander	24-Jun-13		JS7
<i>Hydrelia lucata</i>	Oneida: Elna Lake SW of Rhinelander	24-Jun-13		JS7
LASIOCAMPIDAE				
<i>Tolyte laricis</i>	IRON: Sandrock Road Bog	18-Aug-13		LAF

Tolype vellea	Waukesha: Pewaukee Lake	17-Sep-13		SCB
SPHINGIDAE				
Agrius cingulata record from Herb Grimek	LA CROSSE: Onalaska	07-Sep-13		LAF
Smerinthus cerisyi fresh specimens, unusually late record	Iron: Sandrock Road Bog	18-Aug-13		LAF
Eumorpha pandorus	DOOR: Egg Harbor	30-Jul-13		JKA
Deidamia inscriptum	JUNEAU: Round Bluff	25-May-13		KEJ
NOTODONTIDAE				
Gluphisia avimacula	SHAWANO: Navarino SWA	26-Apr-13		SCB
EREBIDAE				
Eilema bicolor	Door: Bailey's Harbor	01-Aug-13		JKA
Crambidia casta	Marinette: Athelstane Barrens	25-Aug-13		KEJ
Virbia lamae	Price: Riley Lake Bog	27-Jul-13	28-Jul-13	SCB
Virbia opella	JACKSON: Bog at Hwy. 54 & Spaulding Rd.	26-Jul-13		LAF
Grammia speciosa	Price: Riley Lake Bog	27-Jul-13		SCB
Grammia speciosa	DOOR: Bailey's Harbor	01-Aug-13		JKA
Arctia caja	PRICE: Riley Lake Bog	27-Jul-13		SCB
Dasychira basiflava	GRANT: Lancaster	10-Aug-13		SCB
Mycterophora inexplicata	PRICE: Riley Lake Bog	27-Jul-13		KEJ
Mycterophora inexplicata	DOOR: Bailey's Harbor	01-Aug-13		JKA
Dyspyralis puncticosta	DANE: Swamp Lover's Preserve	07-Aug-13		GWG
Hyphenodes fractilinea	GRANT: Eagle Valley Preserve	31-Aug-13		KEJ
Parahyphenodes quadralis netted flying at night	MARINETTE: North Athelstane Lowlands	23-Aug-13		KEJ
Metalectra quadrisignata	ROCK: Magnolia Bluff County Park	06-Sep-13		LAF
Idia forbesii	Grant: Eagle Valley Preserve	11-Jul-13	12-Jul-13	KEJ
Idia rotundalis	Jackson: Bauer-Brockway Barrens SNA	26-Jul-13		LAF
Zanclognatha pedipilalis	Marathon: Weston Twp., Callon Ave.	28-Jun-13		JS7
Macrochilo bivittata	Door: Egg Harbor	30-Jul-13		JKA
Macrochilo bivittata	Iron: Sandrock Road Bog	18-Aug-13		LAF
Phalaenostola hanhami abundant; netted at night	PRICE: Riley Lake Bog	29-Jul-13		KEJ
Tetanolita floridana	Rock: Magnolia Bluff County Park	06-Sep-13		LAF
Renia sobrialis	JACKSON: Bauer-Brockway Barrens & Hwy. 54 bog	26-Jul-13		LAF
Hypena abalienalis	Grant: Lancaster	10-Aug-13		SCB
Hypena palparia	Oneida: Elna Lake SW of Rhinelander	24-Jun-13		JS7
Scolecocampa liburna	Grant: Eagle Valley Preserve	11-Jul-13	13-Jul-13	KEJ
Phoberia ingenua	DOUGLAS: Solon Springs	14-May-13		LAF
Cissusa spadix	BROWN: Neshota Park	30-Apr-13		KEJ
Cissusa spadix	FOND DU LAC: Eldorado SWA	01-May-13		KEJ
Mocis texana	CRAWFORD: Hogback Prairie	28-May-13		KEJ
Catocala abbreviatella abundant at UV light	Grant: Eagle Valley Preserve	12-Jul-13		KEJ
Catocala abbreviatella	Crawford: Hanson Prairies	19-Jul-13		SCB
Catocala amestris	Crawford: Hanson Prairies	19-Jul-13		SCB
Catocala amica	BAYFIELD: Moquah Barrens	11-Oct-13		SCB
Catocala antinympa also Steve Bransky & Kyle Johnson	Marinette: Athelstane Barrens & Mathis Lake	23-Aug-13	25-Aug-13	RJB
Catocala badia coelebs also Steve Bransky & Bob Borth; first inland record for WI	MARINETTE: Mathis Lake	24-Aug-13	25-Aug-13	KEJ
Catocala blandula	Price: Riley Lake Bog	28-Jul-13		SCB
Catocala blandula	Door: Bailey's Harbor	01-Aug-13		JKA
Catocala briseis	Door: Bailey's Harbor	01-Aug-13		JKA
Catocala cerogama	Rock: Magnolia Bluff County Park	06-Sep-13		LAF
Catocala clintoni	CRAWFORD: Hanson Prairies	19-Jul-13		SCB
Catocala coccinata	Crawford: Hanson Prairies	19-Jul-13		SCB
Catocala connubialis also Steve Bransky & Bob Borth	MARINETTE: Mathis Lake	24-Aug-13	25-Aug-13	KEJ
Catocala dejecta STATE RECORD; det. Bob Borth	CRAWFORD: 2 mi. N of Ferryville (Airport Rd.)	19-Jul-13		SCB

<i>Catocala dejecta</i>	ROCK: Magnolia Bluff County Park	06-Sep-13		LAF
<i>Catocala epione</i>	Crawford: Hanson Prairies	19-Jul-13		SCB
<i>Catocala gryneus</i>	Door: Egg Harbor	30-Jul-13		JKA
<i>Catocala habilis</i>	Rock: Magnolia Bluff County Park	06-Sep-13		LAF
<i>Catocala habilis</i>	Kenosha: Bong SRA	10-Sep-13		SCB
<i>Catocala habilis</i>	Crawford: Buck Creek Road	30-Sep-13		SCB
<i>Catocala nebulosa</i>	Grant: Lancaster	10-Aug-13		SCB
<i>Catocala obscura</i>	KENOSHA: New Munster SWA	18-Aug-13		SCB
<i>Catocala obscura</i>	Rock: Magnolia Bluff County Park	06-Sep-13		LAF
<i>Catocala palaeogama</i>	Rock: Magnolia Bluff County Park	06-Sep-13		LAF
<i>Catocala parta</i>	Kenosha: Bong SRA	10-Sep-13		SCB
<i>Catocala piatrix</i>	Crawford: Hanson Prairies	20-Sep-13		SCB
<i>Catocala praeclara</i> also Kyle Johnson	Price: Riley Lake Bog	28-Jul-13	29-Jul-13	SCB
<i>Catocala praeclara</i>	Door: Egg Harbor	01-Aug-13		JKA
<i>Catocala praeclara</i> also Steve Bransky & Kyle Johnson	Marinette: Mathis Lake	24-Aug-13		RJB
<i>Catocala relicta</i>	Kenosha: New Munster SWA	18-Aug-13		SCB
<i>Catocala residua</i>	Crawford: Hanson Prairies	20-Sep-13		SCB
<i>Catocala semirelicta</i>	Door: Egg Harbor	30-Jul-13		JKA
<i>Catocala sordida</i>	Price: Riley Lake Bog	28-Jul-13		SCB
<i>Catocala subnata</i>	Crawford: Hanson Prairies	20-Sep-13		SCB
<i>Catocala whitneyi</i>	Crawford: Hanson Prairies	19-Jul-13		SCB
NOCTUIDAE				
<i>Chrysodeixis includens</i>	ADAMS: Castle Rock Lake	10-Oct-13		SCB
<i>Diachrysia aeroides</i>	PRICE: Riley Lake Bog	27-Jul-13		SCB
<i>Diachrysia balluca</i>	PRICE: Riley Lake Bog	27-Jul-13		SCB
<i>Diachrysia balluca</i> ex. <i>Cirsium vulgare</i> flowers at night	Grant: Eagle Valley Preserve	31-Aug-13		KEJ
<i>Diachrysia balluca</i>	ROCK: Magnolia Bluff County Park	06-Sep-13		LAF
<i>Chrysanympha formosa</i> also Kyle Johnson	Price: Riley Lake Bog	27-Jul-13		SCB
<i>Eosporopteryx thyatyroides</i>	DODGE: Mayville	25-Jul-13		KEJ
<i>Eosporopteryx thyatyroides</i> ex. <i>Eupatorium rugosum</i> flowers at night	Grant: Eagle Valley Preserve	31-Aug-13		KEJ
<i>Syngrapha viridisigma</i>	Iron: Sandrock Road Bog	18-Aug-13		LAF
<i>Plusia magnimacula</i>	PRICE: Riley Lake Bog	27-Jul-13		SCB
<i>Protodeltote albidula</i>	Oneida: Elna Lake SW of Rhinelander	24-Jun-13		JS7
<i>Protodeltote muscosa</i>	Oneida: Elna Lake SW of Rhinelander	24-Jun-13		JS7
<i>Maliattha synochitis</i>	Oneida: Elna Lake SW of Rhinelander	24-Jun-13		JS7
<i>Panthea acronyctoides</i>	Door: Bailey's Harbor	01-Aug-13		JKA
<i>Acronicta rubricoma</i>	ROCK: Magnolia Bluff County Park	06-Sep-13		LAF
<i>Psychomorpha epimenis</i> many tippling along gravel road mid day	Grant: Eagle Valley Preserve	06-May-13		KEJ
<i>Sympistis badistriga</i>	Dane: Swamp Lover's Preserve	06-Jul-13		KEJ
<i>Sympistis infixa</i>	DOOR: Bailey's Harbor	01-Aug-13		JKA
<i>Calophasia lunula</i>	Door: Egg Harbor	30-Jul-13		JKA
<i>Psaphida styracis</i>	WAUPACA: Navarino SWA: Wolf River	26-Apr-13		KEJ
<i>Brachionycha borealis</i> also Kyle Johnson, collected at Crivitz McDonald's restaurant drive thru window	Marinette: Athelstane Barrens & Crivitz	28-Apr-13	29-Apr-13	SCB
<i>Brachionycha borealis</i>	DOUGLAS: Solon Springs	14-May-13		LAF
<i>Feralia major</i>	Shawano: Navarino SWA	26-Apr-13		SCB
<i>Feralia major</i>	DOUGLAS: Bird Sanctuary Road	14-May-13		LAF
<i>Pyrrhia exprimens</i>	Oneida: Elna Lake SW of Rhinelander	24-Jun-13		JS7
<i>Schinia grandimedia</i>	Dane: Swamp Lover's Preserve	03-Aug-13		KEJ
<i>Schinia indiana</i> highest number seen in 20 consecutive years	Jackson: Jackson County Forest	02-Jun-13	16-Jun-13	SAS
<i>Schinia lucens</i>	Sauk: Spring Green Prairie	05-Jul-13		SAS
<i>Schinia lucens</i>	Grant: Eagle Valley Preserve	12-Jul-13		KEJ
<i>Balsa labecula</i>	Marathon: Weston Twp., Callon Ave.	28-Jun-13		JS7
<i>Balsa malana</i>	Grant: Lancaster	10-Aug-13		SCB

Balsa tristrigella	Oneida: Elna Lake SW of Rhinelander	24-Jun-13		JS7
Anterastria teratophora	Marathon: Weston Twp., Callon Ave.	28-Jun-13		JS7
Spodoptera exigua	MARINETTE: Crivitz	03-Oct-13		KEJ
Spodoptera exigua	ADAMS: Castle Rock Lake	10-Oct-13		SCB
Athetis tarda	ROCK: Magnolia Bluff County Park	06-Sep-13		LAF
Enargia decolor	KENOSHA: Bong SRA	10-Sep-13		SCB
Enargia infumata	PRICE: Riley Lake Bog	27-Jul-13		SCB
Oligia sensilis	Jackson: Bauer-Brockway Barrens SNA	26-Jul-13		LAF
Magusa divaricata	Kenosha: New Munster SWA	18-Aug-13		SCB
Magusa divaricata	MARINETTE: Grandfather Lake Barrens	03-Oct-13		SCB
Eremobina claudens	Price: Riley Lake Bog	26-Jul-13		KEJ
Oligia chlorostigma	Grant: Eagle Valley Preserve	12-Jul-13		KEJ
Mesapamea fractilinea	Grant: Lancaster	10-Aug-13		SCB
Meropleon ambifuscum	Grant: Eagle Valley Preserve	31-Aug-13		KEJ
Meropleon ambifuscum	ROCK: Avon Bottoms Wildlife Area	06-Sep-13		LAF
Meropleon diversicolor	IRON: Bog on Three-Ten Rd. at ATV trail	27-Sep-13		LAF
Lemmeria digitalis	ONEIDA: Minocqua Twp.	27-Sep-13		LAF
Lemmeria digitalis	IRON: Bog on Three-Ten Rd. at ATV trail	27-Sep-13		LAF
Hypocoena inquinata	JACKSON: Bog at Hwy. 54 & Spaulding Rd.	26-Jul-13		LAF
Hypocoena inquinata	Door: Egg Harbor	01-Aug-13		JKA
Capsula oblonga	Dane: Swamp Lover's Preserve	23-Aug-13		SCB
Capsula oblonga	IRON: Bog on Three-Ten Rd. at ATV trail	27-Sep-13		LAF
Papaipema beeriana	Kenosha: Bong SRA	10-Sep-13	09-Oct-13	SCB
Papaipema birdi	KENOSHA: Bong SRA	10-Sep-13	19-Sep-13	SCB
Papaipema cataphracta	JEFFERSON: NW of Whitewater	26-Sep-13		SCB
Papaipema cerina	Kenosha: Bong SRA	10-Sep-13		SCB
Papaipema eupatorii	Kenosha: Bong SRA	19-Sep-13	01-Oct-13	SCB
Papaipema furcata	Waukesha: Pewaukee Lake	17-Sep-13		SCB
Papaipema furcata	CRAWFORD: Hanson Prairies	20-Sep-13		SCB
Papaipema furcata	JEFFERSON: NW of Whitewater	26-Sep-13		SCB
Papaipema harrisii	Dane: Swamp Lover's Preserve	23-Aug-13		SCB
Papaipema impecuniosa	Jefferson: NW of Whitewater	26-Sep-13		SCB
Papaipema leucostigma	Crawford: Hanson Prairies	20-Sep-13		SCB
Papaipema lysimachiae	VILAS: Powell Marsh Wildlife Area	27-Sep-13		LAF
Papaipema marginidens	Crawford: Buck Creek Road & Hanson Prairies	20-Sep-13	30-Sep-13	SCB
Papaipema maritima	Kenosha: Bong SRA	10-Sep-13	01-Oct-13	SCB
Papaipema necopina	Kenosha: Bong SRA	10-Sep-13	19-Sep-13	SCB
Papaipema necopina	Waukesha: Pewaukee Lake	17-Sep-13		SCB
Papaipema rigida	Kenosha: Bong SRA	10-Sep-13	19-Sep-13	SCB
Papaipema rigida	Waukesha: Pewaukee Lake	17-Sep-13		SCB
Papaipema sciata	Kenosha: Bong SRA	10-Sep-13	10-Oct-13	SCB
Papaipema sciata	Waukesha: Pewaukee Lake	17-Sep-13		SCB
Hydraecia immanis	Kenosha: Bong SRA	10-Sep-13		SCB
Hydraecia stramentosa	VILAS: Barrens S of Rummels Rd. 1.5 mi. W of Hwy. 45	27-Sep-13		LAF
Hydraecia stramentosa	Marinette: Grandfather Lake Barrens	27-Oct-13	03-Oct-13	SCB
Achatodes zaeae	TAYLOR: 2.5 mi. W of Medford	29-Jul-13		JFR
Achatodes zaeae	DOOR: Egg Harbor	30-Jul-13		JKA
Xylena cineritia	SHAWANO: Navarino SWA	26-Apr-13		SCB
Xylena cineritia	Marinette: Grandfather Lake Barrens	02-Oct-13	03-Oct-13	KEJ
Xylena cineritia	Bayfield: Moquah Barrens	11-Oct-13		SCB
Xylena nupera	SHAWANO: Navarino SWA	26-Apr-13		SCB
Xylena nupera	MARINETTE: North Athelstane Lowlands	28-Apr-13		KEJ
Xylena thoracica	ASHLAND: E of Clam Lake	13-May-13		LAF
Xylena thoracica also Steve Bransky	MARINETTE: Grandfather Lake Barrens	02-Oct-13	03-Oct-13	KEJ
Xylena thoracica	Bayfield: Moquah Barrens	11-Oct-13		SCB
Litholomia napaea	Marinette: Grandfather Lake Barrens	02-Oct-13	03-Oct-13	KEJ
Litholomia napaea	BAYFIELD: Moquah Barrens	11-Oct-13		SCB

Lithophane bailey also Kyle Johnson	Forest: Armstrong Creek Bog	02-Oct-13		SCB
Lithophane bailey	ADAMS: Castle Rock Lake	10-Oct-13		SCB
Lithophane disposita	Crawford: Hanson Prairies	08-Apr-13		KEJ
Lithophane disposita	Dane: Stagecoach Prairie	16-Apr-13		KEJ
Lithophane disposita	Kenosha: Bong SRA	19-Sep-13	04-Nov-13	SCB
Lithophane disposita	FOREST: Armstrong Creek Bog	02-Oct-13		SCB
Lithophane hemina much more common than L. lanei	Crawford: Hanson Prairies	07-Apr-13	08-Apr-13	KEJ
Lithophane hemina no L. lanei	Marinette: Grandfather Lake Barrens	02-Oct-13	03-Oct-13	KEJ
Lithophane lanei much less common than L. hemina	CRAWFORD: Hanson Prairies	08-Apr-13		KEJ
Lithophane lanei	DANE: Stagecoach Prairie	16-Apr-13		KEJ
Lithophane lanei	SHAWANO: Navarino SWA	26-Apr-13	27-Apr-13	KEJ
Lithophane lanei	BROWN: Neshota Park	30-Apr-13		KEJ
Lithophane lanei	KENOSHA: Bong SRA	30-Oct-13		SCB
Lithophane innominata	ADAMS: Castle Rock Lake	10-Oct-13		SCB
Lithophane laticinerea	KENOSHA: Bong SRA	09-Oct-13	04-Nov-13	SCB
Lithophane oriunda	MARINETTE: Grandfather Lake Barrens	02-Oct-13		SCB
Lithophane patefacta	MARINETTE: Grandfather Lake Barrens	03-Oct-13		SCB
Lithophane pexata	ADAMS: Castle Rock Lake	10-Oct-13		SCB
Lithophane semiusta	DOUGLAS: Summit Twp.	14-May-13		LAF
Lithophane semiusta	BAYFIELD: Moquah Barrens	11-Oct-13		SCB
Lithophane tepida	DOUGLAS: Bird Sanctuary Road	14-May-13		LAF
Lithophane tepida	VILAS: Barrens S of Rummels Rd. 1.5 mi. W of Hwy. 45	27-Sep-13		LAF
Lithophane tepida	IRON: Bog on Three-Ten Rd. at ATV trail	27-Sep-13		LAF
Lithophane tepida	Marinette: Grandfather Lake Barrens	02-Oct-13	03-Oct-13	SCB
Lithophane thaxteri also Kyle Johnson	Forest: Armstrong Creek Bog	02-Oct-13		KEJ
Lithophane thaxteri	MARINETTE: Grandfather Lake Barrens	03-Oct-13		SCB
Lithophane thaxteri	Bayfield: Moquah Barrens	11-Oct-13		SCB
Lithophane unimoda	ADAMS: Castle Rock Lake	10-Oct-13		SCB
Lithophane unimoda	KENOSHA: Bong SRA	30-Oct-13	04-Nov-13	SCB
Pyreferra hesperidago also Kyle Johnson; abundant	Shawano: Navarino SWA	26-Apr-13		SCB
Pyreferra pettiti	SHAWANO: Navarino SWA	26-Apr-13		SCB
Pyreferra pettiti	WAUPACA: Navarino SWA: Wolf River	26-Apr-13		KEJ
Pyreferra pettiti	DOUGLAS: Summit Twp.	14-May-13		LAF
Eupsilia devia also Kyle Johnson	SHAWANO: Navarino SWA	26-Apr-13		SCB
Eupsilia devia	WAUPACA: Navarino SWA: Wolf River	26-Apr-13		KEJ
Eupsilia devia	ADAMS: Castle Rock Lake	10-Oct-13		SCB
Eupsilia devia	Bayfield: Moquah Barrens	11-Oct-13		SCB
Sericaglaea signata	KENOSHA: Bong SRA	30-Oct-13		SCB
Xystopeplus rufago	MARINETTE: Grandfather Lake Barrens	02-Oct-13	03-Oct-13	KEJ
Xystopeplus rufago	Adams: Castle Rock Lake	10-Oct-13		SCB
Metaxaglaea inulta	JEFFERSON: NW of Whitewater	26-Sep-13		SCB
Metaxaglaea inulta	ROCK: Magnolia Bluff County Park	15-Oct-13		LAF
Epiglaea decliva	ADAMS: Castle Rock Lake	10-Oct-13		SCB
Epiglaea decliva	KENOSHA: Bong SRA	30-Oct-13		SCB
Chaetaglaea sericea	VILAS: Barrens 3 mi. N of Conover	27-Sep-13		LAF
Chaetaglaea sericea	ADAMS: Castle Rock Lake	10-Oct-13		SCB
Psectraglaea carnosae also Kyle Johnson; locally abundant; some at bait late in flight; not found at 2 burn managed barrens sites	Marinette: Grandfather Lake Barrens	27-Sep-13	03-Oct-13	SCB
Platypolia anceps	FOREST: Armstrong Creek Bog	02-Oct-13		SCB
Platypolia anceps	MARINETTE: Grandfather Lake Barrens	03-Oct-13		KEJ
Xylotype acadia	Vilas: Barrens S of Rummels Rd. 1.5 mi. W of Hwy. 45	27-Sep-13		LAF
Pachypolia atricornis	VILAS: Rummels Rd. 1.5 mi. W of Hwy. 45	27-Sep-13		LAF
Orthosia garmani	DOUGLAS: Solon Springs	14-May-13		LAF
Orthosia rubescens	WAUPACA: Navarino SWA: Wolf River	26-Apr-13		KEJ

Himella fidelis	GRANT: Eagle Valley Preserve	07-May-13	KEJ
Hadena capsularis	Crawford: Hogback Prairie	28-May-13	KEJ
Dichagyris acclivis	GRANT: Lancaster	10-Aug-13	SCB
Dichagyris grotei abundant at UV light	Grant: Eagle Valley Preserve	31-Aug-13	KEJ
Euxoa divergens	DOOR: Egg Harbor	30-Jul-13	JKA
Euxoa redimicula	Grant: Lancaster	10-Aug-13	SCB
Feltia mollis	Jackson: Bauer-Brockway Barrens SNA	26-Jul-13	LAF
Feltia mollis	Door: Bailey's Harbor	01-Aug-13	JKA
Diarsia rubifera	Door: Bailey's Harbor	01-Aug-13	JKA
Cerastis fishii mixed conifer rich swamp	Marinette: North Athelstane Lowlands	28-Apr-13	KEJ
Cerastis tenebrifera	ST. CROIX: Willow River State Park	12-May-13	KEJ
Graphiphora augur	Price: Riley Lake Bog	27-Jul-13	SCB
Graphiphora augur	IRON: Sandrock Road Bog	18-Aug-13	LAF
Anaplectoides prasina	Price: Riley Lake Bog	27-Jul-13	SCB
Coenophila opacifrons	IRON: Sandrock Road Bog	18-Aug-13	LAF

Zone 9 Southeast

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

Coordinator: Brian G. Scholtens

Contributors Cited:

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 ROS : Rosemary Seidler
 DTA : Don Tangren
 JT1 : Jeff Trahan
 FW : F. Wilson

General Comments:

The year was good for collecting, with plenty of rain over most of the region. Many southern migrants were reported for the second consecutive year, probably due to the warm winter.

ALABAMA

Butterflies

HESPERIIDAE

Urbanus proteus	Baldwin: Bon Secor NWR	22-Sep-12	CWM
Amblyscirtes aesculapius	Baldwin: Weeks Bay Pitcher Plant Bog	29-Jun-12	CWM
Lerema accius	Baldwin: Bon Secor NWR	22-Sep-12	CWM
Hylephila phyleus	Baldwin: Bon Secor NWR	22-Sep-12	CWM
Panoquina ocola	Baldwin: Bon Secor NWR	22-Sep-12	CWM

PIERIDAE

Phoebis sennae	Baldwin: Bon Secor NWR	22-Sep-12	CWM
Pyrisitia lisa	Baldwin: Bon Secor NWR	22-Sep-12	CWM

LYCAENIDAE

Calycopis cecrops	Baldwin: Bon Secor NWR	22-Sep-12	CWM
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Strymon melinus	Baldwin: Bon Secor NWR	22-Sep-12	CWM
NYMPHALIDAE			
Agraulis vanillae	Baldwin: Bon Secor NWR	22-Sep-12	CWM
Junonia coenia	Baldwin: Bon Secor NWR	22-Sep-12	CWM
Moths			
EREBIDAE			
Dinumma deponens STATE record	JEFFERSON: Ruffner	11-Jun-13 19-Jul-13	PVZ
Dinumma deponens	Jefferson: Birmingham-Southern College campus	16-Jul-13 27-Aug-13	PVZ
Dinumma deponens	LEE: Smiths Station	23-Sep-13	ROH
Dinumma deponens	Jefferson: Turkey Creek Nature Preserve	27-Sep-13	PVZ

ARKANSAS

Butterflies

HESPERIIDAE

Amblyscirtes belli	Hempstead: R. Evans/Grandview Prairie WMA	30-Mar-12	CWM
Problema byssus	Howard: Stone Road Glade Natural Area	23-Jun-12	CWM

PIERIDAE

Anthocharis midea	Hempstead: R. Evans/Grandview Prairie WMA	30-Mar-12	CWM
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LYCAENIDAE

Callophrys irus	Hempstead: R. Evans/Grandview Prairie WMA	30-Mar-12	CWM
Callophrys niphon	Hempstead: R. Evans/Grandview Prairie WMA	30-Mar-12	CWM

NYMPHALIDAE

Megisto cymela	Howard: Stone Road Glade Natural Area	23-Jun-12	CWM
Speyeria diana	Howard: Stone Road Glade Natural Area	23-Jun-12	CWM
Nymphalis antiopa	Hempstead: R. Evans/Grandview Prairie WMA	30-Mar-12	CWM

Moths

ACROLOPHIDAE

Acrolophus arcanella	Conway: Petit Jean Mt.	10-Jul-13	JIE
Acrolophus morus State record	CONWAY: Petit Jean Mt.	05-Jul-11	JIE
Acrolophus plumifrontella	Conway: Petit Jean Mt.	15-Jun-13	JIE
Acrolophus plumifrontella	Stone: Allison	14-Jul-13	JIE
Acrolophus popeanella	Conway: Petit Jean Mt.	27-Aug-13	JIE

TINEIDAE

Daviscardia coloradella State record	CONWAY: Petit Jean Mt.	17-Mar-11	JIE
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GRACILLARIIDAE

Caloptilia superbifrontella	Conway: Petit Jean Mt.	12-Aug-13	JIE
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OECOPHORIDAE

Antaeotricha leucillana	Conway: Petit Jean Mt.	15-Apr-13	JIE
Antaeotricha leucillana	Yell: Pullen Pond, Petit Jean WMA	31-Jul-13	JIE
Antaeotricha schlaegeri	Conway: Petit Jean Mt.	15-Apr-13	JIE
Rectiostoma xanthobasis	Conway: Petit Jean Mt.	12-Aug-13	JIE

GELECHIIDAE

Filatima biminimaculella	Conway: Petit Jean Mt.	12-Aug-13	JIE
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COSMOPTERIGIDAE

Euclementia bassettella	Conway: Petit Jean Mt.	12-Aug-13	JIE
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YPONOMEUTIDAE

Atteva aurea	Perry: Perry Mt.	17-May-13	JIE
Atteva aurea	Stone: Allison	14-Jul-13	JIE
Atteva aurea	Yell: Pullen Pond, Petit Jean WMA	31-Jul-13	JIE

CRAMBIDAE

Achyra rantalis	Conway: Petit Jean Mt.	04-Jul-13	JIE
Blepharomastix ranalis	Conway: Petit Jean Mt.	22-Aug-13	JIE
Colomychus talis	Pulaski: Sleepy Hollow Access, Maumelle River	25-Jun-13	JIE
Colomychus talis	Yell: Pullen Pond, Petit Jean WMA	31-Jul-13	JIE
Colomychus talis	Pope: Goose Pond NA	24-Aug-13	JIE
Crambus agitatellus	Conway: Petit Jean Mt.	17-Jun-13	JIE

<i>Crambus laqueatellus</i>	Conway: Petit Jean Mt.	31-May-13	JIE
<i>Desmia funeralis</i>	Conway: Petit Jean Mt.	09-May-13	JIE
<i>Desmia funeralis</i>	Yell: Pullen Pond, Petit Jean WMA	31-Jul-13	JIE
<i>Desmia funeralis</i>	Pope: Goose Pond NA	24-Aug-13	JIE
<i>Diacme elealis</i>	Conway: Petit Jean Mt.	05-Jun-13	JIE
<i>Eustixia pupula</i>	Conway: Petit Jean Mt.	23-Jun-11	JIE
<i>Herpetogramma bipunctalis</i>	Conway: Petit Jean Mt.	04-Jul-13	JIE
<i>Hydropionea fenestralis</i>	Conway: Petit Jean Mt.	04-Jul-13	JIE
<i>Hydropionea fenestralis</i>	Pope: Goose Pond NA	24-Aug-13	JIE
<i>Lineodes integra</i>	Conway: Petit Jean Mt.	26-Sep-13	JIE
<i>Lipocosma sicalis</i>	Conway: Petit Jean Mt.	20-Jun-13	JIE
<i>Munroessa gyralis</i>	Jefferson: St. Main PK, Pine Bluff	02-Jun-12	JIE
<i>Munroessa icciusalis</i> State record	CONWAY: Petit Jean Mt.	05-Jun-13	JIE
<i>Palpita magniferalis</i>	Stone: Allison	14-Jul-13	JIE
<i>Palpita magniferalis</i>	Conway: Petit Jean Mt.	22-Aug-13	JIE
<i>Parapoynx obscuralis</i> State record	PULASKI: Sleepy Hollow Access, Maumelle River	25-Jun-13	JIE
<i>Pilocrocis ramentalis</i>	Craighead: Jonesboro	28-Sep-06	JIE
<i>Pleuroptya fluctuosalis</i>	Conway: Petit Jean Mt.	15-Jul-13	JIE
<i>Pyrausta bicoloralis</i>	Sebastian: Fort Chaffee	07-May-12	JIE
<i>Pyrausta tyralis</i>	Conway: Petit Jean Mt.	12-Aug-13	JIE
<i>Udea rubigalis</i>	Conway: Petit Jean Mt.	15-Jul-13	JIE
<i>Urola nivalis</i>	Conway: Petit Jean Mt.	05-Jun-13	JIE
<i>Vaxi critica</i>	Conway: Petit Jean Mt.	01-Jun-11	JIE
PYRALIDAE			
<i>Parachma ochracealis</i>	Conway: Petit Jean Mt.	05-Jun-13	JIE
<i>Galasa nigrinodis</i>	Conway: Petit Jean Mt.	04-Sep-13	JIE
<i>Oneida luniferella</i> State record	CONWAY: Petit Jean Mt.	15-Jun-13	JIE
<i>Pococera asperatella</i>	Perry: Perry Mt.	17-May-13	JIE
<i>Pococera scortealis</i> State record	CONWAY: Petit Jean Mt.	20-Jun-13	JIE
<i>Elasmopalpus lignosellus</i>	Franklin: Cherokee Prairie	20-Aug-11	JIE
<i>Dolichomia olinalis</i>	Faulkner: Cove Creek NA	26-May-13	JIE
PTEROPHORIDAE			
<i>Platyptilia carduidactyla</i>	Perry: Perry Mt.	17-May-13	JIE
<i>Platyptilia carduidactyla</i>	Conway: Petit Jean Mt.	31-May-13	JIE
SESIIDAE			
<i>Synanthedon exitiosa</i>	Conway: Petit Jean Mt.	04-Jul-13	JIE
LACTURIDAE			
<i>Lactura basistriga</i>	Conway: Petit Jean Mt.	20-Apr-11	JIE
MEGALOPYGIDAE			
<i>Lagoa crispata</i>	Conway: Petit Jean Mt.	05-Jun-13	JIE
COSSIDAE			
<i>Prionoxystus macmurtrei</i> State record	CONWAY: Petit Jean Mt.	15-Apr-13	JIE
<i>Prionoxystus robiniae</i>	Conway: Petit Jean Mt.	09-May-13	JIE
<i>Prionoxystus robiniae</i>	Pulaski: Sleepy Hollow Access, Maumelle River	25-Jun-13	JIE
LIMACODIDAE			
<i>Tortricidia flexuosa</i>	Perry: Perry Mt.	17-May-13	JIE
<i>Tortricidia flexuosa</i>	Faulkner: Cove Creek NA	26-May-13	JIE
<i>Tortricidia flexuosa</i>	Conway: Petit Jean Mt.	05-Jun-13	JIE
<i>Tortricidia flexuosa</i>	Yell: Pullen Pond, Petit Jean WMA	31-Jul-13	JIE
<i>Packardia geminata</i>	Conway: Petit Jean Mt.	20-May-13	JIE
<i>Lithacodes fasciola</i>	Yell: Pullen Pond, Petit Jean WMA	31-Jul-13	JIE
<i>Apoda biguttata</i>	Yell: Pullen Pond, Petit Jean WMA	31-Jul-13	JIE
<i>Apoda y-inversum</i>	Conway: Petit Jean Mt.	15-May-13	JIE
<i>Apoda y-inversum</i>	Perry: Perry Mt.	17-May-13	JIE
<i>Apoda y-inversum</i>	Faulkner: Cove Creek NA	26-May-13	JIE

<i>Apoda y-inversum</i>	Yell: Pullen Pond, Petit Jean WMA	31-Jul-13	JIE
<i>Isa textula</i>	Pope: Augsburg	15-Jul-13	JIE
<i>Isa textula</i>	Yell: Pullen Pond, Petit Jean WMA	31-Jul-13	JIE
<i>Adoneta spinuloides</i>	Conway: Petit Jean Mt.	24-May-13	JIE
<i>Adoneta spinuloides</i>	Yell: Pullen Pond, Petit Jean WMA	31-Jul-13	JIE
<i>Monoleuca semifascia</i>	Conway: Petit Jean Mt.	04-Jul-13	JIE
<i>Euclea delphinii</i>	Faulkner: Cove Creek NA	26-May-13	JIE
<i>Parasa chloris</i>	Perry: Perry Mt.	17-May-13	JIE
TORTRICIDAE			
<i>Olethreutes tilianum</i>	CONWAY: Petit Jean Mt.	20-Jun-13	JIE
State record			
<i>Phaneta raracana</i>	CONWAY: Petit Jean Mt.	10-Jul-13	JIE
<i>Eucosma dorsisignatana</i>	CONWAY: Petit Jean Mt.	11-Oct-11	JIE
<i>Eucosma quinquemaculana</i>	CONWAY: Petit Jean Mt.	18-Jun-13	JIE
State record			
<i>Epiblema otiosana</i>	CONWAY: Petit Jean Mt.	04-Sep-13	JIE
State record			
<i>Epiblema tripartitana</i>	SEBASTIAN: Fort Chaffee	07-May-12	JIE
State record			
<i>Chimoptesis pennsylvaniana</i>	Conway: Petit Jean Mt.	12-Aug-13	JIE
<i>Argyrotaenia alisellana</i>	Conway: Petit Jean Mt.	21-May-13	JIE
<i>Choristoneura rosaceana</i>	Conway: Petit Jean Mt.	24-May-13	JIE
<i>Archips argyrospila</i>	Faulkner: Cove Creek NA	26-May-13	JIE
<i>Amorbia humerosana</i>	Conway: Petit Jean Mt.	10-Apr-13	JIE
GEOMETRIDAE			
<i>Macaria aequiferaria</i>	Conway: Petit Jean Mt.	18-Sep-13	JIE
<i>Macaria bicolorata</i>	Conway: Petit Jean Mt.	05-Jun-13	JIE
<i>Macaria pustularia</i>	Conway: Petit Jean Mt.	31-May-13	JIE
<i>Macaria transitaria</i>	Faulkner: Cove Creek NA	26-May-13	JIE
<i>Macaria transitaria</i>	Conway: Petit Jean Mt.	05-Jun-13	JIE
<i>Macaria transitaria</i>	Pope: Augsburg	15-Jul-13	JIE
<i>Digrammia continuata</i>	Conway: Petit Jean Mt.	05-May-13	JIE
<i>Digrammia continuata</i>	Faulkner: Cove Creek NA	26-May-13	JIE
<i>Digrammia continuata</i>	Pope: Augsburg	15-Jul-13	JIE
<i>Semiothisa quadrinotaria</i>	Conway: Petit Jean Mt.	23-Apr-13	JIE
<i>Mellilla xanthometata</i>	Stone: Allison	14-Jul-13	JIE
<i>Mellilla xanthometata</i>	Yell: Pullen Pond, Petit Jean WMA	31-Jul-13	JIE
<i>Glena cribrataria</i>	Conway: Petit Jean Mt.	09-Apr-13	JIE
<i>Tornos scolopacinaris</i>	Conway: Petit Jean Mt.	24-May-13	JIE
<i>Tornos scolopacinaris</i>	Pope: Goose Pond NA	24-Aug-13	JIE
<i>Anacamptodes ephyria</i>	Faulkner: Cove Creek NA	26-May-13	JIE
<i>Anavitrinella pampinaria</i>	Pulaski: Sleepy Hollow Access, Maumelle River	25-Jun-13	JIE
<i>Cleora sublunaria</i>	CONWAY: Petit Jean Mt.	02-Apr-13	JIE
State record			
<i>Protoarmia porcelaria</i>	Conway: Petit Jean Mt.	23-Apr-13	JIE
<i>Lycia ypsilon</i>	Conway: Petit Jean Mt.	01-Apr-02	JIE
<i>Hypagyrtis esther</i>	Perry: Perry Mt.	17-May-13	JIE
<i>Hypagyrtis unipunctata</i>	Conway: Petit Jean Mt.	12-Apr-13	JIE
<i>Lomographa vestaliata</i>	Conway: Petit Jean Mt.	09-May-13	JIE
<i>Lomographa vestaliata</i>	Perry: Perry Mt.	17-May-13	JIE
<i>Erastria cruentaria</i>	CONWAY: Petit Jean Mt.	20-Jul-11	JIE
State record			
<i>Thysanopyga intractata</i>	Conway: Petit Jean Mt.	14-May-13	JIE
<i>Lytrosis unitaria</i>	Conway: Petit Jean Mt.	05-Jun-13	JIE
<i>Euchlaena amoenaria</i>	Conway: Petit Jean Mt.	06-May-13	JIE
<i>Euchlaena deplanaria</i>	CONWAY: Petit Jean Mt.	23-Apr-13	JIE
State record			
<i>Euchlaena madusaria</i>	CONWAY: Petit Jean Mt.	09-May-13	JIE
State record			
<i>Euchlaena marginaria</i>	Conway: Petit Jean Mt.	23-Apr-13	JIE
<i>Euchlaena obtusaria</i>	Conway: Petit Jean Mt.	18-Apr-13	JIE

<i>Euchlaena pectinaria</i>	Conway: Petit Jean Mt.	15-Apr-13	JIE
<i>Euchlaena tigrinaria</i>	Conway: Petit Jean Mt.	09-May-13	JIE
<i>Pero anctetaria</i>	Conway: Petit Jean Mt.	15-Apr-13	12-Aug-13 JIE
<i>Pero anctetaria</i>	Pope: Augsburg	15-Jul-13	JIE
<i>Pero anctetaria</i>	Pope: Goose Pond NA	24-Aug-13	JIE
<i>Pero honestaria</i>	Conway: Petit Jean Mt.	06-May-13	JIE
<i>Pero honestaria</i>	Pope: Goose Pond NA	24-Aug-13	JIE
<i>Nacophora quernaria</i>	Conway: Petit Jean Mt.	10-Apr-13	JIE
<i>Metarranthis obfirmaria</i>	Conway: Petit Jean Mt.	20-Apr-13	JIE
<i>Probole alienaria</i> State record	CONWAY: Petit Jean Mt.	02-Apr-13	JIE
<i>Probole amicaria</i>	Conway: Petit Jean Mt.	09-May-13	JIE
<i>Caripeta aretaria</i>	Conway: Petit Jean Mt.	14-Apr-13	JIE
<i>Caripeta aretaria</i>	Perry: Perry Mt.	17-May-13	JIE
<i>Tetracis crocallata</i>	Faulkner: Cove Creek NA	26-May-13	JIE
<i>Tetracis crocallata</i>	Conway: Petit Jean Mt.	05-Jun-13	JIE
<i>Eutrapela clemataria</i>	Conway: Petit Jean Mt.	31-May-13	JIE
<i>Eutrapela clemataria</i>	Pope: Goose Pond NA	24-Aug-13	JIE
<i>Prochoerodes lineola</i>	Conway: Petit Jean Mt.	12-Aug-13	JIE
<i>Prochoerodes lineola</i>	Pope: Goose Pond NA	24-Aug-13	JIE
<i>Prochoerodes lineola</i>	Jefferson: Pinebergen	04-Oct-13	JIE
<i>Antepione thisoaria</i>	Conway: Petit Jean Mt.	12-Aug-13	JIE
<i>Nematocampa resistaria</i>	Conway: Petit Jean Mt.	05-May-13	JIE
<i>Nematocampa resistaria</i>	Faulkner: Cove Creek NA	26-May-13	JIE
<i>Dichorda iridaria</i>	Conway: Petit Jean Mt.	04-Sep-13	JIE
<i>Idaeia demissaria</i>	Conway: Petit Jean Mt.	28-Jul-13	JIE
<i>Idaeia demissaria</i>	Yell: Pullen Pond, Petit Jean WMA	31-Jul-13	JIE
<i>Idaeia furciferata</i>	Conway: Petit Jean Mt.	20-Jun-13	JIE
<i>Haematopis grataria</i>	Benton: Chesney Prairie	15-Jun-12	JIE
<i>Haematopis grataria</i>	Conway: Petit Jean Mt.	30-Oct-13	JIE
<i>Calothysanis amaturlaria</i>	Yell: Pullen Pond, Petit Jean WMA	31-Jul-13	JIE
<i>Scopula limboundata</i>	Conway: Petit Jean Mt.	20-Jun-13	JIE
<i>Eulithis diversilineata</i>	Conway: Petit Jean Mt.	17-Jun-13	JIE
<i>Eulithis diversilineata</i>	Pulaski: Sleepy Hollow Access, Maumelle River	25-Jun-13	JIE
<i>Orthonama centrostrigaria</i>	Faulkner: Cove Creek NA	26-May-13	JIE
<i>Orthonama centrostrigaria</i>	Conway: Petit Jean Mt.	05-Jun-13	JIE
<i>Disclisoprocta stellata</i>	Conway: Petit Jean Mt.	26-Sep-13	JIE
<i>Hydrelia albifera</i> State record	CONWAY: Petit Jean Mt.	17-Jun-13	JIE
<i>Eupithecia matheri</i> State record	CONWAY: Petit Jean Mt.	31-Mar-02	JIE
<i>Cladara limitaria</i> State record	CONWAY: Petit Jean Mt.	06-Mar-07	JIE
THYATIRIDAE			
<i>Euthyatira pudens</i>	Conway: Petit Jean Mt.	02-Apr-13	JIE
APATELODIDAE			
<i>Apatelodes torrefacta</i>	Conway: Petit Jean Mt.	05-Jun-13	JIE
<i>Olceclostera angelica</i>	Conway: Petit Jean Mt.	05-Jun-13	JIE
LASIOCAMPIDAE			
<i>Phylloidesma americana</i>	Conway: Petit Jean Mt.	02-Apr-13	JIE
<i>Malacosoma americanum</i>	Perry: Perry Mt.	17-May-13	JIE
<i>Malacosoma americanum</i>	Faulkner: Cove Creek NA	26-May-13	JIE
<i>Malacosoma disstria</i>	Conway: Petit Jean Mt.	31-May-13	JIE
SATURNIIDAE			
<i>Dryocampa rubicunda</i>	Conway: Petit Jean Mt.	05-Jun-13	JIE
<i>Anisota stigma</i>	Yell: Pullen Pond, Petit Jean WMA	31-Jul-13	JIE
<i>Anisota stigma</i>	Conway: Petit Jean Mt.	12-Aug-13	JIE
<i>Hemileuca maia</i>	Conway: Petit Jean Mt.	05-Nov-13	JIE
<i>Automeris io</i>	Conway: Petit Jean Mt.	09-May-13	JIE
<i>Actias luna</i>	Conway: Petit Jean Mt.	14-Apr-13	JIE

<i>Callosamia angulifera</i>	Lee: Miss River State Park	14-May-13	JIE
SPHINGIDAE			
<i>Manduca rustica</i>	Pulaski: Sleepy Hollow Access, Maumelle River	25-Jun-13	JIE
<i>Ceratomia catalpae</i>	Conway: Petit Jean Mt.	22-Jul-13	JIE
<i>Ceratomia undulosa</i>	Conway: Petit Jean Mt.	18-Apr-13	JIE
<i>Ceratomia undulosa</i>	Pulaski: Sleepy Hollow Access, Maumelle River	25-Jun-13	JIE
<i>Paratreia plebeja</i>	Arkansas: Roth Prairie	06-May-13	JIE
<i>Paratreia plebeja</i>	Faulkner: Cove Creek NA	26-May-13	JIE
<i>Paonias excaecata</i>	Conway: Petit Jean Mt.	22-Apr-13	JIE
<i>Paonias excaecata</i>	Pulaski: Sleepy Hollow Access, Maumelle River	25-Jun-13	JIE
<i>Paonias myops</i>	Conway: Petit Jean Mt.	06-May-13	JIE
<i>Laothoe juglandis</i>	Conway: Petit Jean Mt.	13-Apr-13	JIE
<i>Laothoe juglandis</i>	Faulkner: Cove Creek NA	26-May-13	JIE
<i>Eumorpha pandorus</i>	Conway: Petit Jean Mt.	12-Aug-13	JIE
<i>Sphecodina abbottii</i>	Conway: Petit Jean Mt.	15-Apr-13	JIE
<i>Amphion floridensis</i>	Conway: Petit Jean Mt.	15-Apr-13	JIE
<i>Darapsa choerilus</i>	Conway: Petit Jean Mt.	18-Apr-13	JIE
<i>Darapsa myron</i>	Conway: Petit Jean Mt.	18-Apr-13	JIE
<i>Hyles lineata</i>	Pope: Augsburg	15-Jul-13	JIE
NOTODONTIDAE			
<i>Hyperaeschra georgica</i>	Conway: Petit Jean Mt.	18-Apr-13	JIE
<i>Nerice bidentata</i>	Conway: Petit Jean Mt.	09-Apr-13	JIE
<i>Gluphisia septentrionis</i>	Conway: Petit Jean Mt.	17-Mar-13	JIE
<i>Datana contracta</i>	Conway: Petit Jean Mt.	05-Jun-13	JIE
<i>Datana drexelii</i>	Conway: Petit Jean Mt.	05-Jun-13	JIE
<i>Datana ministra</i>	Conway: Petit Jean Mt.	05-Jun-13	JIE
<i>Nadata gibbosa</i>	Conway: Petit Jean Mt.	15-Apr-13	JIE
<i>Peridea angulosa</i>	Conway: Petit Jean Mt.	09-May-13	JIE
<i>Peridea angulosa</i>	Pope: Goose Pond NA	24-Aug-13	JIE
<i>Litodonta hydromeli</i>	Conway: Petit Jean Mt.	23-Jul-13	JIE
<i>Misogada unicolor</i>	Conway: Petit Jean Mt.	06-May-13	JIE
<i>Macrurocampa marthesia</i>	Conway: Petit Jean Mt.	09-May-13	JIE
<i>Heterocampa guttivitta</i>	Conway: Petit Jean Mt.	05-May-13	JIE
<i>Heterocampa obliqua</i>	Conway: Petit Jean Mt.	12-Aug-13	JIE
<i>Heterocampa subrotata</i>	CONWAY: Petit Jean Mt.	17-Mar-02	JIE
State record			
<i>Heterocampa subrotata</i>	Conway: Petit Jean Mt.	09-May-13	JIE
<i>Heterocampa subrotata</i>	Stone: Allison	14-Jul-13	JIE
<i>Heterocampa umbrata</i>	Conway: Petit Jean Mt.	09-May-13	22-Aug-13 JIE
<i>Heterocampa umbrata</i>	Faulkner: Cove Creek NA	26-May-13	JIE
<i>Heterocampa varia</i>	CONWAY: Petit Jean Mt.	05-Jun-13	JIE
State record			
<i>Lochmaeus bilineata</i>	Conway: Petit Jean Mt.	02-May-13	JIE
<i>Lochmaeus bilineata</i>	Perry: Perry Mt.	17-May-13	JIE
<i>Lochmaeus bilineata</i>	Pulaski: Sleepy Hollow Access, Maumelle River	25-Jun-13	JIE
<i>Lochmaeus bilineata</i>	Yell: Pullen Pond, Petit Jean WMA	31-Jul-13	JIE
<i>Lochmaeus manteo</i>	Conway: Petit Jean Mt.	12-Apr-13	JIE
<i>Lochmaeus manteo</i>	Pope: ATU Campus, Russellville	05-Jun-13	JIE
<i>Schizura badia</i>	Conway: Petit Jean Mt.	21-Aug-13	JIE
<i>Schizura concinna</i>	Conway: Petit Jean Mt.	09-May-13	JIE
<i>Schizura leptinoides</i>	Conway: Petit Jean Mt.	06-May-13	JIE
<i>Schizura leptinoides</i>	Perry: Perry Mt.	17-May-13	JIE
<i>Schizura unicornis</i>	Conway: Petit Jean Mt.	20-Apr-13	JIE
<i>Oligocentria lignicolor</i>	Conway: Petit Jean Mt.	06-May-13	JIE
<i>Hyparpax aurora</i>	Perry: Perry Mt.	17-May-13	JIE
<i>Symmerista albifrons</i>	Conway: Petit Jean Mt.	18-Apr-13	JIE
<i>Dasylophia thyatiroides</i>	CONWAY: Petit Jean Mt.	12-Aug-13	JIE
State record			
EREBIDAE			
<i>Cisthene packardii</i>	Conway: Petit Jean Mt.	24-May-13	JIE

<i>Cisthene packardii</i>	Yell: Pullen Pond, Petit Jean WMA	31-Jul-13		JIE
<i>Lycomorpha pholus</i>	Conway: Petit Jean Mt.	25-Jun-13		JIE
<i>Hypoprepia fucosa</i>	Conway: Petit Jean Mt.	05-Jun-13		JIE
<i>Virbia aurantiaca</i>	Yell: Pullen Pond, Petit Jean WMA	31-Jul-13		JIE
<i>Virbia fragilis</i>	CONWAY: Petit Jean Mt.	20-Jun-13		JIE
State record				
<i>Virbia laeta</i>	Perry: Perry Mt.	17-May-13		JIE
<i>Virbia opella</i>	Perry: Perry Mt.	17-May-13		JIE
<i>Virbia opella</i>	Conway: Petit Jean Mt.	20-May-13	24-Jun-13	JIE
<i>Virbia opella</i>	Faulkner: Cove Creek NA	26-May-13		JIE
<i>Grammia anna</i>	Conway: Petit Jean Mt.	21-May-13		JIE
<i>Grammia figurata</i>	Conway: Petit Jean Mt.	10-May-13		JIE
<i>Grammia parthenice intermedia</i>	CONWAY: Petit Jean Mt.	26-Sep-13		JIE
State record				
<i>Apantesis phalerata</i>	Conway: Petit Jean Mt.	24-Jun-13		JIE
<i>Apantesis vittata</i>	Conway: Petit Jean Mt.	12-Apr-13		JIE
<i>Spilosoma congrua</i>	Conway: Petit Jean Mt.	06-May-13		JIE
<i>Spilosoma congrua</i>	Faulkner: Cove Creek NA	15-May-13		JIE
<i>Spilosoma virginica</i>	Conway: Petit Jean Mt.	15-Apr-13		JIE
<i>Euerythra phasma</i>	Stone: Allison	14-Jul-13		JIE
<i>Cycnia tenera</i>	Conway: Petit Jean Mt.	12-Aug-13		JIE
<i>Cisseys fulvicollis</i>	Pope: Augsburg	15-Jul-12		JIE
<i>Orgyia leucostigma</i>	Lee: Miss River State Park	14-May-12		JIE
<i>Orgyia leucostigma</i>	Jefferson: Pinebergen	04-Oct-13		JIE
<i>Rivula propinqualis</i>	Craighead: ASU Campus, Jonesboro	01-Sep-13		JIE
<i>Metalectra quadrisignata</i>	CONWAY: Petit Jean Mt.	09-May-13		JIE
State record				
<i>Metalectra quadrisignata</i>	Lee: Miss River State Park	14-May-13		JIE
<i>Metalectra quadrisignata</i>	Stone: Allison	14-Jul-13		JIE
<i>Metalectra quadrisignata</i>	Yell: Pullen Pond, Petit Jean WMA	31-Jul-13		JIE
<i>Metalectra tantillus</i>	CONWAY: Petit Jean Mt.	04-Sep-13		JIE
State record				
<i>Pangrapta decoralis</i>	Conway: Petit Jean Mt.	23-Apr-13		JIE
<i>Pangrapta decoralis</i>	Pulaski: Sleepy Hollow Access, Maumelle River	25-Jun-13		JIE
<i>Ledaea perditalis</i>	Conway: Petit Jean Mt.	02-May-13		JIE
<i>Idia aemula</i>	Conway: Petit Jean Mt.	23-Apr-13		JIE
<i>Idia americalis</i>	Conway: Petit Jean Mt.	09-May-13		JIE
<i>Idia americalis</i>	Faulkner: Cove Creek NA	26-May-13		JIE
<i>Idia americalis</i>	Pope: Augsburg	15-Jul-13		JIE
<i>Idia americalis</i>	Yell: Pullen Pond, Petit Jean WMA	31-Jul-13		JIE
<i>Idia americalis</i>	Jefferson: Pinebergen	04-Oct-13		JIE
<i>Idia lubricalis</i>	Conway: Petit Jean Mt.	07-Jul-13		JIE
<i>Idia rotundalis</i>	Conway: Petit Jean Mt.	05-Jun-13		JIE
<i>Idia scobialis</i>	CONWAY: Petit Jean Mt.	03-Jun-13		JIE
State record				
<i>Zanclognatha obscuripennis</i>	Conway: Petit Jean Mt.	05-Jun-13		JIE
<i>Chytolita petrealis</i>	JEFFERSON: Mitchell Farm	29-Apr-13		JIE
State record				
<i>Bleptina caradrinalis</i>	Perry: Perry Mt.	17-May-13		JIE
<i>Bleptina caradrinalis</i>	Conway: Petit Jean Mt.	24-May-13		JIE
<i>Bleptina caradrinalis</i>	Faulkner: Cove Creek NA	26-May-13		JIE
<i>Renia adspersgillus</i>	Faulkner: Cove Creek NA	26-May-13		JIE
<i>Renia adspersgillus</i>	Conway: Petit Jean Mt.	05-Jun-13		JIE
<i>Renia discoloralis</i>	Conway: Petit Jean Mt.	02-Sep-13		JIE
<i>Renia nemoralis</i>	CONWAY: Petit Jean Mt.	26-Sep-13		JIE
State record				
<i>Palthis angulalis</i>	Conway: Petit Jean Mt.	22-Apr-13		JIE
<i>Palthis asopialis</i>	CONWAY: Petit Jean Mt.	31-May-13	15-Jun-13	JIE
State record				
<i>Palthis asopialis</i>	Stone: Allison	14-Jul-13		JIE

<i>Hypena abalienalis</i>	YELL: Pullen Pond, Petit Jean WMA	31-Jul-13	JIE
State record			
<i>Hypena baltimoralis</i>	Conway: Petit Jean Mt.	28-Jul-13	JIE
<i>Hypena bijugalis</i>	Columbia: Logoly State Park	23-Jun-12	JIE
<i>Hypena bijugalis</i>	Conway: Petit Jean Mt.	09-May-13	JIE
<i>Hypena bijugalis</i>	Perry: Perry Mt.	17-May-13	JIE
<i>Hypena bijugalis</i>	Pulaski: Sleepy Hollow Access, Maumelle River	25-Jun-13	JIE
<i>Hypena madefactalis</i>	Johnson: Haw Creek CG	27-Apr-13	JIE
<i>Hypena manalis</i>	Perry: Perry Mt.	17-May-13	JIE
<i>Hypena palparia</i>	Pulaski: Sleepy Hollow Access, Maumelle River	25-Jun-13	JIE
<i>Hypena scabra</i>	Conway: Petit Jean Mt.	07-Apr-13	JIE
<i>Hypena scabra</i>	Faulkner: Cove Creek NA	26-May-13	JIE
<i>Hemeroplanis scopulepes</i>	Conway: Petit Jean Mt.	12-Aug-13	JIE
<i>Isogona tenuis</i>	YELL: Pullen Pond, Petit Jean WMA	31-Jul-13	JIE
State record			
<i>Isogona tenuis</i>	Pope: Augsburg	15-Aug-13	JIE
<i>Scolecocampa liburna</i>	Stone: Allison	14-Jul-13	JIE
<i>Phyrosopus callitrichoides</i>	Conway: Petit Jean Mt.	10-Jul-13	JIE
<i>Phyrosopus callitrichoides</i>	Yell: Pullen Pond, Petit Jean WMA	31-Jul-13	JIE
<i>Hypsoropha hormos</i>	Conway: Petit Jean Mt.	09-May-13	JIE
<i>Hypsoropha hormos</i>	Perry: Perry Mt.	17-May-13	JIE
<i>Hypsoropha hormos</i>	Faulkner: Cove Creek NA	26-May-13	JIE
<i>Hypsoropha hormos</i>	Pulaski: Sleepy Hollow Access, Maumelle River	25-Jun-13	JIE
<i>Hypsoropha hormos</i>	Stone: Allison	14-Jul-13	JIE
<i>Hypsoropha monilis</i>	Conway: Petit Jean Mt.	06-May-13	JIE
<i>Plusiodonta compressipalpis</i>	Conway: Petit Jean Mt.	09-Apr-13	JIE
<i>Plusiodonta compressipalpis</i>	Stone: Allison	14-Jul-13	JIE
<i>Plusiodonta compressipalpis</i>	Yell: Pullen Pond, Petit Jean WMA	31-Jul-13	JIE
<i>Phoberia atomaris</i>	Conway: Petit Jean Mt.	16-Mar-13	JIE
<i>Cissusa spadix</i>	Conway: Petit Jean Mt.	17-Mar-13	JIE
<i>Caenurgia chloropha</i>	Conway: Petit Jean Mt.	27-Jun-13	JIE
<i>Argyrostromis anilis</i>	Conway: Petit Jean Mt.	09-May-12	JIE
<i>Panopoda carneicosta</i>	Perry: Perry Mt.	17-May-13	JIE
<i>Panopoda carneicosta</i>	Yell: Pullen Pond, Petit Jean WMA	31-Jul-13	JIE
<i>Lesmone detrahens</i>	Conway: Petit Jean Mt.	26-Sep-13	JIE
<i>Metria amella</i>	CONWAY: Petit Jean Mt.	31-Mar-07	JIE
State record			
<i>Zale aeruginosa</i>	Conway: Petit Jean Mt.	23-Apr-13	JIE
<i>Zale confusa</i>	Conway: Petit Jean Mt.	09-Apr-13	JIE
<i>Zale galbanata</i>	Sebastian: Fort Chaffee	07-May-12	JIE
<i>Zale galbanata</i>	Conway: Petit Jean Mt.	23-Apr-13	JIE
<i>Zale lunata</i>	Conway: Petit Jean Mt.	10-Apr-13	JIE
<i>Zale lunata</i>	Pope: Russellville	10-Jul-13	JIE
<i>Zale lunata</i>	Jefferson: Pinebergen	04-Oct-13	JIE
<i>Zale metatoides</i>	Conway: Petit Jean Mt.	09-Apr-13	JIE
<i>Zale minerea</i>	Conway: Petit Jean Mt.	06-May-13	JIE
<i>Zale obliqua</i>	CONWAY: Petit Jean Mt.	09-May-13	JIE
State record			
<i>Zale undularis</i>	Stone: Allison	14-Jul-13	JIE
<i>Allotria elonympha</i>	Conway: Petit Jean Mt.	10-Apr-13	JIE
<i>Allotria elonympha</i>	Faulkner: Cove Creek NA	26-May-13	JIE
<i>Dysgonia smithii</i>	POPE: Augsburg	15-Jul-13	JIE
State record			
<i>Parallelia bistriaris</i>	Conway: Petit Jean Mt.	18-Apr-13	JIE
<i>Catocala alabamae</i>	CONWAY: Petit Jean Mt.	27-Jun-13	JIE
State record			
<i>Catocala amica</i>	Conway: Petit Jean Mt.	18-Jun-13	JIE
<i>Catocala amica</i>	Stone: Allison	14-Jul-13	JIE
<i>Catocala amica</i>	Yell: Pullen Pond, Petit Jean WMA	15-Jul-13	JIE
<i>Catocala amica</i>	Pope: Augsburg	15-Jul-13	JIE
<i>Catocala andromedae</i>	Conway: Petit Jean Mt.	19-Jun-13	JIE

<i>Catocala epione</i>	Conway: Petit Jean Mt.	15-Jun-13	JIE
<i>Catocala epione</i>	Pulaski: Sleepy Hollow Access, Maumelle River	25-Jun-13	JIE
<i>Catocala epione</i>	Pope: Augsburg	15-Jul-13	JIE
<i>Catocala gracilis</i>	Conway: Petit Jean Mt.	21-Aug-13	JIE
<i>Catocala ilia</i>	Pulaski: Sleepy Hollow Access, Maumelle River	25-Jun-13	JIE
<i>Catocala ilia</i>	Conway: Petit Jean Mt.	25-Jun-13	JIE
<i>Catocala innubens</i>	Pope: Augsburg	15-Jul-13	JIE
<i>Catocala insolabilis</i>	Pope: Augsburg	15-Jul-13	JIE
<i>Catocala insolabilis</i>	Yell: Pullen Pond, Petit Jean WMA	15-Jul-13	JIE
<i>Catocala lacrymosa</i>	Conway: Petit Jean Mt.	22-Aug-13	JIE
<i>Catocala lineella</i>	Conway: Petit Jean Mt.	22-Aug-13	JIE
<i>Catocala micronympha</i>	Conway: Petit Jean Mt.	20-Jun-13	JIE
<i>Catocala sappho</i>	CONWAY: Petit Jean Mt.	22-Jul-13	JIE
State record			
<i>Catocala subnata</i>	CONWAY: Petit Jean Mt.	12-Aug-13	JIE
State record			
<i>Catocala ulalume</i>	Conway: Petit Jean Mt.	27-Jun-13	JIE
<i>Catocala ultronia</i>	Conway: Petit Jean Mt.	18-Jun-13	JIE
<i>Catocala vidua</i>	Conway: Petit Jean Mt.	27-Jun-13	JIE
NOCTUIDAE			
<i>Chrysodeixis includens</i>	Jefferson: Pinebergen	04-Oct-13	JIE
<i>Megalographa biloba</i>	Faulkner: Cove Creek NA	26-May-13	JIE
<i>Autographa precationis</i>	Jefferson: Pine Bluff	18-Sep-13	JIE
<i>Marimatha nigrofimbria</i>	Conway: Petit Jean Mt.	06-May-13	JIE
<i>Marimatha nigrofimbria</i>	Yell: Pullen Pond, Petit Jean WMA	31-Jul-13	JIE
<i>Maliattha concinnimacula</i>	Conway: Petit Jean Mt.	15-Apr-13	JIE
<i>Maliattha synochitis</i>	JOHNSON: Ozark NF, Haw Creek Campground	27-Apr-12	JIE
State record			
<i>Cerma cerintha</i>	Conway: Petit Jean Mt.	05-Jun-13	JIE
<i>Ponometia candefacta</i>	Conway: Petit Jean Mt.	10-Jul-13	JIE
<i>Ponometia candefacta</i>	Yell: Pullen Pond, Petit Jean WMA	31-Jul-13	JIE
<i>Ponometia exigua</i>	DREW: Warren Prairie	14-Aug-11	JIE
State record			
<i>Spragueia leo</i>	Conway: Petit Jean Mt.	12-Aug-13	JIE
<i>Panthea furcilla</i>	Conway: Petit Jean Mt.	12-Mar-13	JIE
<i>Acronicta afflicta</i>	CONWAY: Petit Jean Mt.	03-Apr-07	JIE
<i>Acronicta americana</i>	Conway: Petit Jean Mt.	18-Apr-13	JIE
<i>Acronicta betulae</i>	CONWAY: Petit Jean Mt.	01-Sep-13	JIE
State record			
<i>Acronicta clarescens</i>	Pulaski: Sleepy Hollow Access, Maumelle River	25-Jun-13	JIE
<i>Acronicta exilis</i>	Conway: Petit Jean Mt.	23-Apr-13	JIE
<i>Acronicta grisea</i>	Conway: Petit Jean Mt.	23-Apr-13	JIE
<i>Acronicta impleta</i>	Conway: Petit Jean Mt.	15-Apr-13	JIE
<i>Acronicta inclarata</i>	Perry: Perry Mt.	17-May-13	JIE
<i>Acronicta inclarata</i>	Conway: Petit Jean Mt.	24-May-13	JIE
<i>Acronicta lobeliae</i>	Conway: Petit Jean Mt.	06-May-13	JIE
<i>Acronicta morula</i>	Pope: Goose Pond NA	24-Aug-13	JIE
<i>Acronicta noctivaga</i>	Johnson: Ozark NF, Haw Creek Campground	27-Apr-12	JIE
<i>Acronicta ovata</i>	Conway: Petit Jean Mt.	09-May-13	JIE
<i>Acronicta spinigera</i>	Conway: Petit Jean Mt.	06-May-13	JIE
<i>Agriopodes fallax</i>	Conway: Petit Jean Mt.	20-Jun-13	JIE
<i>Polygrammate hebraeicum</i>	Faulkner: Cove Creek NA	26-May-13	JIE
<i>Polygrammate hebraeicum</i>	Pulaski: Sleepy Hollow Access, Maumelle River	25-Jun-13	JIE
<i>Harrisimemna trisignata</i>	Conway: Petit Jean Mt.	09-May-13	JIE
<i>Sympistis infixa</i>	CONWAY: Petit Jean Mt.	18-Apr-13	JIE
State record			
<i>Psaphida rolandi</i>	Conway: Petit Jean Mt.	19-May-13	JIE
<i>Copivaleria grotei</i>	Conway: Petit Jean Mt.	18-Apr-13	JIE
<i>Phosphila miselioides</i>	Conway: Petit Jean Mt.	02-Apr-13	JIE
<i>Cirrhophanus triangulifer</i>	Conway: Petit Jean Mt.	04-Sep-13	JIE
<i>Azenia obtusa</i>	Pulaski: Sleepy Hollow Access, Maumelle River	25-Jun-13	JIE

<i>Helicoverpa zea</i>	Conway: Petit Jean Mt.	05-Jun-13	JIE
<i>Heliiothis subflexa</i> State record	CONWAY: Petit Jean Mt.	12-Aug-13	JIE
<i>Schinia arcigera</i>	Conway: Petit Jean Mt.	04-Sep-13	JIE
<i>Schinia lynx</i>	Conway: Petit Jean Mt.	22-Aug-13	JIE
<i>Schinia nundina</i>	Jefferson: Pinebergen	04-Oct-13	JIE
<i>Schinia nundina</i>	Conway: Petit Jean Mt.	30-Oct-13	JIE
<i>Schinia rivulosa</i>	Pope: Goose Pond NA	24-Aug-13	JIE
<i>Schinia saturata</i>	Conway: Petit Jean Mt.	12-Aug-13	JIE
<i>Schinia thoreau</i> State record	CONWAY: Petit Jean Mt.	26-Sep-13	JIE
<i>Ogdoconta cinereola</i>	Conway: Petit Jean Mt.	02-May-13	JIE
<i>Ogdoconta cinereola</i>	Stone: Allison	14-Jul-13	JIE
<i>Ogdoconta cinereola</i>	Pope: Augsburg	15-Jul-13	JIE
<i>Homophoberia apicosa</i>	Conway: Petit Jean Mt.	09-May-13	JIE
<i>Callopietria mollissima</i>	Conway: Petit Jean Mt.	09-May-13	JIE
<i>Callopietria mollissima</i>	Faulkner: Cove Creek NA	26-May-13	JIE
<i>Callopietria mollissima</i>	Stone: Allison	14-Jul-13	JIE
<i>Callopietria mollissima</i>	Jefferson: Byrd Lake	05-Aug-13	JIE
<i>Spodoptera ornithogalli</i>	Conway: Petit Jean Mt.	05-Jun-13	JIE
<i>Spodoptera ornithogalli</i>	Stone: Allison	14-Jul-13	JIE
<i>Elaphria chalcedonia</i>	Conway: Petit Jean Mt.	21-Aug-13	JIE
<i>Elaphria festivoidea</i>	Conway: Petit Jean Mt.	12-Aug-13	JIE
<i>Elaphria georgei</i>	Conway: Petit Jean Mt.	15-Apr-13	JIE
<i>Elaphria grata</i>	Conway: Petit Jean Mt.	15-Apr-13	JIE
<i>Galgula partita</i>	Conway: Petit Jean Mt.	06-May-13	JIE
<i>Galgula partita</i>	Pope: Augsburg	15-Jul-13	JIE
<i>Athetis tarda</i>	Conway: Petit Jean Mt.	06-May-13	JIE
<i>Athetis tarda</i>	Faulkner: Cove Creek NA	26-May-13	JIE
<i>Cosmia calami</i> State record	CONWAY: Petit Jean Mt.	19-May-13	JIE
<i>Apamea sordens</i> State record	FAULKNER: Cove Creek NA	26-May-13	JIE
<i>Lithophane grotei</i>	Conway: Petit Jean Mt.	01-Mar-13	JIE
<i>Sericaglaea signata</i>	Conway: Petit Jean Mt.	28-Dec-13	JIE
<i>Xystocheilus rufago</i>	Conway: Petit Jean Mt.	08-Feb-13	JIE
<i>Orthosia garmani</i>	Conway: Petit Jean Mt.	12-Mar-13	JIE
<i>Himella fidelis</i> State record	CONWAY: Petit Jean Mt.	02-Apr-13	JIE
<i>Egira alternans</i>	CONWAY: Petit Jean Mt.	02-Apr-13	JIE
<i>Morrisonia mucens</i>	Conway: Petit Jean Mt.	15-May-07	JIE
<i>Melanchra adjuncta</i> State record	CONWAY: Petit Jean Mt.	18-Apr-13	JIE
<i>Mythimna unipuncta</i>	Conway: Petit Jean Mt.	23-Apr-13	JIE
<i>Leucania adjuta</i> State record	CONWAY: Petit Jean Mt.	18-Apr-13	JIE
<i>Lacinipolia anguina</i> State record	CONWAY: Petit Jean Mt.	06-May-13	JIE
<i>Lacinipolia implicata</i>	Conway: Petit Jean Mt.	02-May-13	JIE
<i>Lacinipolia implicata</i>	Jefferson: Pinebergen	04-Oct-13	JIE
<i>Lacinipolia renigera</i>	Conway: Petit Jean Mt.	19-May-13	JIE
<i>Ulolonche culea</i> State record	CONWAY: Petit Jean Mt.	05-Jun-13	JIE
<i>Tricholita signata</i> State record	JEFFERSON: Pinebergen	04-Oct-13	JIE
<i>Peridroma saucia</i>	Conway: Petit Jean Mt.	19-Jun-13	JIE
<i>Peridroma saucia</i>	Pulaski: Sleepy Hollow Access, Maumelle River	25-Jul-13	JIE
<i>Anicla illapsa</i>	Conway: Petit Jean Mt.	21-Aug-13	JIE
<i>Feltia herilis</i> State record	CONWAY: Petit Jean Mt.	15-Oct-02	JIE
<i>Agrotis ipsilon</i>	Conway: Petit Jean Mt.	15-Mar-13	JIE
<i>Agrotis venerabilis</i>	Conway: Petit Jean Mt.	27-Oct-13	JIE

Agnorisma bollii State record	CONWAY: Petit Jean Mt.	27-Oct-13	JIE
EUTELIIDAE			
Marathyssa basalis	Conway: Petit Jean Mt.	15-Apr-13	JIE
Marathyssa inficita	Conway: Petit Jean Mt.	07-Apr-13	JIE
Paectes abrostoloides	Conway: Petit Jean Mt.	04-Jul-13	JIE
NOLIDAE			
Meganola minuscula	Conway: Petit Jean Mt.	09-May-07	JIE
Meganola spodia State record	CONWAY: Petit Jean Mt.	02-Apr-13	JIE
Nola cilicoides State record	JEFFERSON: Pine Bluff	02-Jun-12	JIE
Nola pustulata	Conway: Petit Jean Mt.	10-Apr-13	JIE
Baileya dormitans State record	CONWAY: Petit Jean Mt.	18-Apr-13	JIE
Baileya levitans	Conway: Petit Jean Mt.	05-Jun-13	JIE

FLORIDA

Butterflies

HESPERIIDAE

Amblyscirtes alternata	Santa Rosa: Blackwater SP	26-Mar-12	CWM
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PAPILIONIDAE

Eurytides marcellus	Santa Rosa: Blackwater SP	26-Mar-12	CWM
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LYCAENIDAE

Callophrys augustinus	Santa Rosa: Blackwater SP	26-Mar-12	CWM
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Callophrys hesseli	Santa Rosa: Blackwater SP	26-Mar-12	CWM
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Leptotes cassius on Plumbago	Hillsborough: outside fence of Busch Gardens	08-May-12	KC
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Hemiargus ceraunus	Polk: Gen. James A. Van Fleet Trail	09-May-12	KC
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NYMPHALIDAE

Anartia jatrophae guantanamo	Hillsborough: outside fence of Busch Gardens	08-May-12	KC
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GEORGIA

Butterflies

HESPERIIDAE

Pyrgus oileus	RICHMOND: Phinizy Swamp Nature Park, SE of Augusta	29-Sep-13	LS
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Amblyscirtes belli	Jones: Piedmont NWR	10-May-13	SP1
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Nastra lherminier	Jones: Piedmont NWR	10-May-13	SP1
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Copaeodes minima	Jones: Piedmont NWR	10-May-13	SP1
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Poanes viator	Dougherty: Albany	20-Sep-13	LAG
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Euphyes arpa	McIntosh: Townsend WMA	31-Aug-13	01-Sep-13 MC
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PAPILIONIDAE

Papilio appalachiensis	Lumpkin: DeSoto Falls area, 3 mi. S of Neel's Gap	26-May-13	JKA
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PIERIDAE

Eurema दौरa	McIntosh: Sapelo Island	07-Sep-13	BGS
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LYCAENIDAE

Hemiargus ceraunus	McIntosh: Sapelo Island	07-Sep-13	BGS
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RIODINIDAE

Calephelis virginienensis	Liberty: Harris Neck NWR	10-Sep-13	JAF
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NYMPHALIDAE

Danaus gilippus	McIntosh: Sapelo Island	07-Sep-13	BGS
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Heliconius charithonia	McIntosh: Sapelo Island	07-Sep-13	BGS
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Phyciodes phaon	McIntosh: Sapelo Island	07-Sep-13	BGS
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Anthanassa texana seminole	Dougherty: Albany	20-Sep-13	LAG
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Moths

ACROLOPHIDAE

Acrolophus morus	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
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Acrolophus plumifrontella	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
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TINEIDAE

Nemapogon rileyi apparently a State record	MCINTOSH: Sapelo Island	08-Sep-13		BGS
Xylesthia pruniramiella apparently a State record	MCINTOSH: Sapelo Island	08-Sep-13		BGS
Tinea unomaculella apparently a State record	MCINTOSH: Sapelo Island	07-Sep-13		BGS
Monopis pavloski	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Opogona omoscopa	MONROE: Forsyth	30-Jun-13		B/K

GRACILLARIIDAE

Caloptilia sassafrasella apparently a State record	MCINTOSH: Sapelo Island	07-Sep-13		BGS
Phyllocnistis insignis apparently a State record	MCINTOSH: Sapelo Island	08-Sep-13		BGS

OECOPHORIDAE

Antaeotricha humilis apparently a State record	MCINTOSH: Sapelo Island	07-Sep-13		BGS
Antaeotricha vestalis apparently a State record	MCINTOSH: Sapelo Island	07-Sep-13		BGS
Rectiostoma xanthobasis	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Inga cretacea apparently a State record	MCINTOSH: Sapelo Island	07-Sep-13		BGS
Inga sparsiciliella	McIntosh: Sapelo Island	07-Sep-13		BGS
Decantha boreasella apparently a State record	MCINTOSH: Sapelo Island	08-Sep-13		BGS
Epicallima argenticinctella	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Eupragia hospita	McIntosh: Sapelo Island	07-Sep-13		BGS
Psilocorsis reflexella apparently a State record	MCINTOSH: Sapelo Island	08-Sep-13		BGS
Semioscopis merricella STATE record	MONROE: Forsyth	24-Feb-13		TEJ

GELECHIIDAE

Isophrictis similiella apparently a State record	MCINTOSH: Sapelo Island	07-Sep-13		BGS
Aristotelia lespedezae apparently a State record	MCINTOSH: Sapelo Island	07-Sep-13		BGS
Aristotelia roseosuffusella apparently a State record	MCINTOSH: Sapelo Island	07-Sep-13		BGS
Aristotelia rubidella apparently a State record	MCINTOSH: Sapelo Island	07-Sep-13		BGS
Chionodes empor apparently a State record	MCINTOSH: Sapelo Island	07-Sep-13		BGS
Chionodes rabula apparently a State record	MCINTOSH: Sapelo Island	08-Sep-13		BGS
Aroga compositella	MCINTOSH: Sapelo Island	07-Sep-13		BGS
Polyhymno luteostrigella apparently a State record	MCINTOSH: Sapelo Island	07-Sep-13		BGS
Untomia albistrigella apparently a State record	MCINTOSH: Sapelo Island	07-Sep-13		BGS
Battaristis vittella apparently a State record	MCINTOSH: Sapelo Island	07-Sep-13		BGS
Anacampsis conclusella apparently a State record	MCINTOSH: Sapelo Island	07-Sep-13		BGS
Dichomeris flavocostella	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Dichomeris inversella apparently a State record	MCINTOSH: Sapelo Island	07-Sep-13		BGS

BLASTOBASIDAE

Gerdana caritella apparently a State record	MCINTOSH: Sapelo Island	07-Sep-13		BGS
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COLEOPHORIDAE

Homaledra heptathalama apparently a State record	MCINTOSH: Sapelo Island	08-Sep-13		BGS
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MOMPHIDAE

Mompha bottimeri apparently a State record	MCINTOSH: Sapelo Island	07-Sep-13		BGS
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Mompha passerella apparently a State record	MCINTOSH: Sapelo Island	07-Sep-13		BGS
COSMOPTERIGIDAE				
Cosmopterix floridanella apparently a State record	MCINTOSH: Sapelo Island	07-Sep-13		BGS
Cosmopterix pulchrimella apparently a State record	MCINTOSH: Sapelo Island	07-Sep-13		BGS
Pyroderces albistrigella apparently a State record	MCINTOSH: Sapelo Island	07-Sep-13		BGS
Pyroderces rileyi apparently a State record	MCINTOSH: Sapelo Island	07-Sep-13		BGS
SCYTHRIDIDAE				
Scythris trivinctella apparently a State record	MCINTOSH: Sapelo Island	07-Sep-13		BGS
GLYPHIPTERIGIDAE				
Diploschizia impigritella apparently a State record	MCINTOSH: Sapelo Island	07-Sep-13		BGS
Glyphidocera lactiflosella apparently a State record	MCINTOSH: Sapelo Island	07-Sep-13		BGS
Glyphidocera juniperella apparently a State record	MCINTOSH: Sapelo Island	07-Sep-13		BGS
YPONOMEUTIDAE				
Yponomeuta multipunctella	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
CRAMBIDAE				
Achyra rantalis	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Blepharomastix ranalis	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Crambus agitatellus	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Crambus albellus	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Crambus multilinelus	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Desmia funeralis	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Diacme elealis	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Diathrausta harlequinialis	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Glaphyria fulminalis	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Glaphyria glaphyralis	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Hahncappisia neomarculeta	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Hellula kempae apparently a State record	MCINTOSH: Sapelo Island	07-Sep-13		BGS
Herpetogramma aeglealis	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Leptosteges flavicostella	McIntosh: Sapelo Island	07-Sep-13		BGS
Microcrambus biguttellus	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Microcrambus elegans	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Nascia acutella First record in S GA	DOUGHERTY: Chickasawhatchee WMA, 13-19 mi. SW of Albany	01-Sep-13	02-Sep-13	A/F
Neodactria luteolella	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Parapoxyn diminutalis	McIntosh: Sapelo Island	08-Sep-13		BGS
Raphiptera argillaceella apparently a State record	MCINTOSH: Sapelo Island	07-Sep-13		BGS
Terastia meticulosalis	HENRY: McDunnough	02-Aug-13		DOH
Urola nivalis	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
PYRALIDAE				
Aglossa cuprina	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Sciota subcaesiella	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Sciota vetustella	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Condylolomia participalis	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Cacotherapia unicoloralis apparently a State record	MCINTOSH: Sapelo Island	07-Sep-13		BGS
Oneida lunulalis	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Pococera expandens	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Pococera robustella	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Acrobasis angusella	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Acrobasis indigenella	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Acrobasis kearfottella	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K

<i>Acrobasis minimella</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Acrobasis palliolella</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Acrobasis rubrifasciella</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Atheloca subrufella</i>	MCINTOSH: Sapelo Island	07-Sep-13		BGS
<i>Salebriaria pumilella</i> apparently a State record	MCINTOSH: Sapelo Island	08-Sep-13		BGS
<i>Dolichomia olinalis</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Laetilia fiskella</i> apparently a State record	MCINTOSH: Sapelo Island	07-Sep-13		BGS
<i>Eulogia ochrifrontella</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Atascosa glareosella</i> apparently a State record	MCINTOSH: Sapelo Island	07-Sep-13		BGS
<i>Homosassa ella</i>	MCINTOSH: Sapelo Island	07-Sep-13		BGS
PTEROPHORIDAE				
<i>Oidaematophorus eupatorii</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
SESIIDAE				
<i>Paranthrene asilipennis</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Synanthedon acerni</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Synanthedon kathyae</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Synanthedon rileyana</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Synanthedon rubrofascia</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Alcathoe caudata</i>	MONROE: Forsyth	30-Jun-13		B/K
<i>Alcathoe caudata</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
TORTRICIDAE				
<i>Sparganothis niteolinea</i> apparently a State record	MCINTOSH: Sapelo Island	07-Sep-13		BGS
COSSIDAE				
<i>Prionoxystus robiniae</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
LIMACODIDAE				
<i>Tortricidia flexuosa</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Lithacodes fasciola</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Apoda biguttata</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Apoda y-inversum</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Prolimacodes badia</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Isochaetes beutenmuelleri</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Phobetron pithecium</i> nr. Covenana, New for Ohoopee	EMANUEL: Ohoopee Dunes Tract 3, 8 mi. WSW Swainsboro	30-Aug-13	31-Aug-13	A/F
<i>Adoneta spinuloides</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Euclea delphinii</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Parasa chloris</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Parasa indetermina</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Acharia stimulea</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
TORTRICIDAE				
<i>Episimus argutanus</i> apparently a State record	MCINTOSH: Sapelo Island	08-Sep-13		BGS
<i>Episimus tyrius</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Episimus tyrius</i> apparently a State record	MCINTOSH: Sapelo Island	08-Sep-13		BGS
<i>Bactra verutana</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Catastega aceriella</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Cenopis ferreana</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Cenopis eulonicosta</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Lobesia viteana</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Eumarozia malachitana</i> apparently a State record	MCINTOSH: Sapelo Island	07-Sep-13		BGS
<i>Orthotaenia undulana</i>	MONROE: Forsyth	30-Jun-13		B/K
<i>Olethreutes fasciatana</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Olethreutes ferriferana</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Olethreutes inornatana</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Olethreutes tilianum</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K

Rhyacionia frustrana apparently a State record	MCINTOSH: Sapelo Island	07-Sep-13		BGS
Eucosma cataclystiana apparently a State record	MCINTOSH: Sapelo Island	07-Sep-13		BGS
Eucosma robinsonana	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Epiblema abruptana apparently a State record	MCINTOSH: Sapelo Island	07-Sep-13		BGS
Epiblema grossbecki apparently a State record	MCINTOSH: Sapelo Island	07-Sep-13		BGS
Epiblema separationis apparently a State record	MCINTOSH: Sapelo Island	08-Sep-13		BGS
Epiblema strenuana apparently a State record	MCINTOSH: Sapelo Island	08-Sep-13		BGS
Proteoteras aesculana	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Rhopobota finitimana apparently a State record	MCINTOSH: Sapelo Island	08-Sep-13		BGS
Larisa subsolana apparently a State record	MCINTOSH: Sapelo Island	07-Sep-13		BGS
Cydia erotella apparently a State record	MCINTOSH: Sapelo Island	08-Sep-13		BGS
Cydia laticana apparently a State record	MCINTOSH: Sapelo Island	07-Sep-13		BGS
Ecdytoplopha mana apparently a State record	MCINTOSH: Sapelo Island	07-Sep-13		BGS
Acleris chalybeana	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Acleris logiana	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Pandemis limitata	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Argyrotaenia floridana	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Argyrotaenia juglandana	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Argyrotaenia velutinana	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Choristoneura parallela	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Choristoneura rosaceana	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Archips purpurana	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Archips rileyana	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Cenopis directana	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Cenopis lamberti	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Cenopis pettitana	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Cenopis reticulatana	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Sparganothis sulfureana	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Platynota semiustana	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Hysterosia oenotherana STATE record; though likely statewide	EMANUEL: Ohoopie Dunes Tract 4, 9 mi. SW Swainsboro	31-Aug-13		A/F

GEOMETRIDAE

Macaria signaria	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Digrammia ocellinata	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Pimaphera sparsaria	MCINTOSH: Sapelo Island	12-Jun-13		JAH
Pimaphera sparsaria	MCINTOSH: Sapelo Island	16-Sep-13	23-Jan-13	LAD
Anacamptodes ephyraria	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Iridopsis larvaria	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Epimecis hortaria	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Ceratonyx satanaria	MCINTOSH: Sapelo Island	21-Feb-13	22-Feb-13	JAH
Thysanopyga intractata	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Lytrosis unitaria	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Stenaspilatodes antidiscaaria	MCINTOSH: Sapelo Island	12-Apr-13	13-Apr-13	LAD
Stenaspilatodes antidiscaaria	Ware: Dixon Mem Forest WMA, ENE of Laura Walker SP	25-Jun-13	26-Jun-13	A/F
Pero anctetaria	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Pero zalissaria	MCINTOSH: Sapelo Island	12-Apr-13	13-Apr-13	LAD
Tacparia zalissaria	MCINTOSH: Sapelo Island	18-Apr-13	19-Apr-13	JAH
Plagodis fervidaria	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Plagodis phlogosaria	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Besma endropiaria	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
Nepytia pellucidaria	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K

<i>Eugonobapta nivosaria</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Nemoria bistriaria</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Lobocleta peralbata</i> nr. Covena	Emanuel: Ohoopee Dunes Tract 4, 9 mi. SW Swainsboro	24-Jun-13	25-Jun-13	A/F
<i>Idaea furciferata</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Idaea micropterata</i>	MCINTOSH: Sapelo Island	07-Sep-13		BGS
<i>Cyclophora packardi</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Scopula aemulata</i> STATE record	MCINTOSH: Sapelo Island	14-Aug-13	15-Aug-13	LAD
<i>Scopula compensata</i>	MONROE: Forsyth	15-Sep-13		TEJ
<i>Scopula lautaria</i>	MCINTOSH: Sapelo Island	23-Jan-13		LAD
<i>Scopula lautaria</i> nr. Covena	EMANUEL: Ohoopee Dunes Tract 4, 9 mi. SW Swainsboro	24-Jun-13	25-Jun-13	A/F
<i>Lophosis labeculata</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Eulithis diversilineata</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Eulithis gracilineata</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Eulithis molliculata</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Ecliptopera atricolorata</i> STATE record	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Xanthorhoe lacustrata</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Hydrelia inornata</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Eubaphe mendica</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
DREPANIDAE				
<i>Drepana arcuata</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
APATELODIDAE				
<i>Apatelodes torrefacta</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-15	B/K
<i>Olceclostera indistincta</i>	Emanuel: Ohoopee Dunes Tract 4, 9 mi. SW Swainsboro	31-Aug-13		A/F
LASIOCAMPIDAE				
<i>Tolype minta</i>	McIntosh: Sapelo Island	09-May-13	10-May-13	JAH
<i>Artace cribraria</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
SATURNIIDAE				
<i>Eacles imperialis</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Dryocampa rubicunda</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Anisota stigma</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Callosamia angulifera</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
SPHINGIDAE				
<i>Sphinx kalmiae</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Lapara bombycoides</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Lapara coniferarum</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Paonias astylus</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Paonias astylus</i>	Bartow: 5 mi. ESE Fairmount, along Salacoa Ck	24-Aug-13	25-Aug-13	JKA
<i>Darapsa versicolor</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
NOTODONTIDAE				
<i>Datana angusii</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Datana ministra</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Ellida caniplaga</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Heterocampa obliqua</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Schizura concinna</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Schizura ipomoeae</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Schizura unicornis</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Oligocentria lignicolor</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Hyparpax aurora</i> nr. Covena	Emanuel: Ohoopee Dunes Tract 4, 9 mi. SW Swainsboro	24-Jun-13	25-Jun-13	A/F
EREBIDAE				
<i>Cisthene plumbea</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Hypoprepia miniata</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Crambidia pallida</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Grammia anna</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Spilosoma congrua</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Euerythra phasma</i>	Emanuel: Ohoopee Dunes Tract 3, 8 mi. WSW Swainsboro	30-Aug-13	31-Aug-13	A/F

<i>Hypercompe scribonia</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Haploa clymene</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Haploa lecontei</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Pygarctia abdominalis</i> nr. Covena. Second location in STATE	EMANUEL: Ohoopee Dunes Tract 4, 9 mi. SW Swainsboro	24-Jun-13	31-Aug-13	A/F
<i>Pygarctia abdominalis</i> Third location in STATE	MCINTOSH: Sapelo Island	22-Aug-13		JAH
<i>Halysidota harrisii</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Halysidota tessellaris</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Neoplynes eudora</i> STATE record	MCINTOSH: Sapelo Island	23-Aug-13		LAD
<i>Ciseps fulvicollis</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Syntomeida epilais</i>	McIntosh: Sapelo Island	07-Sep-13		BGS
<i>Dasychira obliquata</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Prosoparia floridana</i> Second record from STATE	WARE: Dixon Mem Forest WMA, SW of Laura Walker SP	25-Jun-13	26-Jun-13	A/F
<i>Metalectra discalis</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Sigela eoides</i>	Ware: Dixon Mem Forest WMA, ENE of Laura Walker SP	25-Jun-13	26-Jun-13	A/F
<i>Idia lubricalis</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Zanclognatha cruralis</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Zanclognatha jacchusalis</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Zanclognatha marcidilinea</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Zanclognatha lituralis</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Zanclognatha martha</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Zanclognatha theralis</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Renia discoloralis</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Redectis vitrea</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Hypena baltimoralis</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Colobochoyla interpuncta</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Scolecocampa liburna</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Calyptra canadensis</i>	FANNIN: Morganton	08-Jun-13		JKA
<i>Calyptra canadensis</i>	Bartow: 5 mi. ESE Fairmount, along Salacoa Ck	24-Aug-13	25-Aug-13	JKA
<i>Hypsoropha hormos</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Hypsoropha monilis</i>	Whitfield: Rocky Face Ridgeline, SW of Dalton	01-Jun-13		JKA
<i>Protapamea danieli</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Panopoda carneicosta</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Panopoda rufimargo</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Selenisa sueroides</i>	Whitfield: Carbondale, I-75 exit 326	07-Oct-13		JKA
<i>Zale confusa</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Zale minerea</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Euparthenos nubilis</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Allotria elonympha</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Catocala alabamae</i> nr. Covena	EMANUEL: Ohoopee Dunes Tract 4, 9 mi. SW Swainsboro	24-Jun-13	25-Jun-13	A/F
<i>Catocala andromedae</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Catocala blandula</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Catocala connubialis</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Catocala delilah</i>	McIntosh: Sapelo Island	14-Jun-13	15-Jun-13	LAD
<i>Catocala epione</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Catocala ilia</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Catocala jair</i> nr. Covena	EMANUEL: Ohoopee Dunes Tract 4, 9 mi. SW Swainsboro	24-Jun-13	25-Jun-13	A/F
<i>Catocala micronympha</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Catocala minuta</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Catocala muliercula</i>	MCINTOSH: Sapelo Island	14-Jun-13	15-Jun-13	LAD
<i>Catocala similis</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Catocala sordida</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
NOCTUIDAE				
<i>Autographa precatationis</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Tripudia rectangulara</i>	McIntosh: Sapelo Island	08-Sep-13		BGS
<i>Oruza albocostaliata</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K

<i>Hyperstrotia pervertens</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Hyperstrotia secta</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Maliattha concinnimacula</i>	Towns: Brasstown Bald, 4200'	25-May-13	26-May-13	JKA
<i>Maliattha synochitis</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Cerma cerintha</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Spragueia onagrus</i> nr. <i>Covena</i>	EMANUEL: Ohoopsee Dunes Tract 4, 9 mi. SW Swainsboro	24-Jun-13	25-Jun-13	A/F
<i>Spragueia onagrus</i> nr. <i>Covena</i>	WARE: Dixon Mem Forest WMA, ENE of Laura Walker SP	25-Jun-13	26-Jun-13	A/F
<i>Colocasia flavicornis</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Acronicta americana</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Acronicta betulae</i>	FULTON: Atlanta (ILF's home)	02-Jun-13		ILF
<i>Acronicta clarescens</i>	FULTON: Atlanta (ILF's home)	12-Jun-13		ILF
<i>Acronicta dactylina</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Acronicta funeralis</i>	TOWNS: Brasstown Bald, 4200'	25-May-13	26-May-13	JKA
<i>Acronicta funeralis</i>	FANNIN: Morganton	25-May-13		JKA
<i>Acronicta haesitata</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Acronicta hamamelis</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Acronicta hasta</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Acronicta increta</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Acronicta innotata</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Acronicta interrupta</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Acronicta laetifica</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Acronicta lobeliae</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Acronicta modica</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Acronicta ovata</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Acronicta radcliffei</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Acronicta retardata</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Acronicta superans</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
STATE record, though expected				
<i>Simyra insularis</i>	MCINTOSH: Sapelo Island	23-Jan-13		LAD
<i>Polygrammate hebraicum</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Eudryas grata</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Phosphila miselioides</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Acherdoa ferraria</i>	MCINTOSH: Sapelo Island	12-Apr-13	15-Jun-13	LAD
<i>Acherdoa ferraria</i>	McIntosh: Sapelo Island	22-Aug-13		JAH
<i>Basilodes pepita</i>	Bartow: 5 mi. ESE Fairmount, along Salacoa Ck	24-Aug-13	25-Aug-13	JKA
<i>Stiria rugifrons</i>	Bartow: 5 mi. ESE Fairmount, along Salacoa Ck	24-Aug-13	25-Aug-13	JKA
<i>Derrima stellata</i>	McIntosh: Sapelo Island	18-Apr-13	19-Apr-13	JAH
<i>Pyrrhia exprimens</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Schinia arefacta</i> nr. <i>Covena</i> , Only regular location for this moth	Emanuel: Ohoopsee Dunes Tract 4, 9 mi. SW Swainsboro	31-Aug-13		A/F
<i>Schinia fulleri</i>	Emanuel: Ohoopsee Dunes Tract 3, 8 mi. WSW Swainsboro	30-Aug-13	31-Aug-13	A/F
<i>Schinia sanguinea</i>	MCINTOSH: Sapelo Island	26-Sep-13	27-Sep-13	JAH
<i>Condica concisa</i> STATE record	MCINTOSH: Sapelo Island	16-Sep-12		LAD
<i>Homophoberia apicosa</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Diastema tigris</i> About eight records in STATE	Bulloch: Statesboro	31-Aug-11		ALH
<i>Callopietria granitosa</i>	MCINTOSH: Sapelo Island	12-Apr-13	13-Apr-13	LAD
<i>Callopietria mollissima</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Balsa malana</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Dypterygia rozmani</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Properigea costa</i> Still only known location in GA	Whitfield: Rocky Face Ridgeline, SW of Dalton	29-Aug-13	23-Sep-13	JKA
<i>Properigea tapeta</i>	MCINTOSH: Sapelo Island	14-Jun-13	15-Jun-13	LAD
<i>Mesapamea fractilinea</i>	MCINTOSH: Sapelo Island	26-Sep-13	27-Sep-13	JAH
<i>Mesapamea fractilinea</i> Several, previously unrecorded from this location	WHITFIELD: Rocky Face Ridgeline, SW of Dalton	29-Oct-13	30-Oct-13	JKA
<i>Meropleon cosmion</i>	BULLOCH: Statesboro	28-Oct-13		ALH
<i>Amphipoea americana</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K

<i>Amphipoea velata</i>	BARTOW: 5 mi. ESE Fairmount, along Salacoa Ck	09-Jun-13		JKA
<i>Amphipoea velata</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Papaipema cataphracta</i>	WHITFIELD: Rocky Face Ridgeline, SW of Dalton	29-Oct-13	30-Oct-13	JKA
<i>Papaipema duovata</i>	MCINTOSH: Sapelo Island	01-Dec-13		JAH
<i>Papaipema eupatorii</i>	Whitfield: Rocky Face Ridgeline, SW of Dalton	29-Oct-13	30-Oct-13	JKA
<i>Papaipema marginidens</i>	Whitfield: Rocky Face Ridgeline, SW of Dalton	29-Oct-13	30-Oct-13	JKA
<i>Papaipema rutila</i>	Bartow: 5 mi. ESE Fairmount, along Salacoa Ck	04-Oct-13	05-Oct-13	JKA
<i>Polia detracta</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Orthodes majuscula</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Protolampra brunneicollis</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
EUTELIIDAE				
<i>Paectes abrostoloides</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
NOLIDAE				
<i>Nola ovilla</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Baileya australis</i>	Towns: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K
<i>Baileya levitans</i>	TOWNS: Laurel Mt. Cabins 5 m. se Hiawassee	01-Jul-13	05-Jul-13	B/K

LOUISIANA

Butterflies

HESPERIIDAE

<i>Urbanus dorantes</i>	Cameron: along Hwy 27	20-Oct-12		CWM
<i>Urbanus proteus</i>	St. Landry: Duraldi Prairie	16-Sep-12		CWM
<i>Urbanus proteus</i>	Cameron: Grand Chenier	13-Oct-12		CWM
<i>Urbanus proteus</i>	Cameron: Cameron Prairie NWR	13-Oct-12	18-Nov-12	CWM
<i>Urbanus proteus</i>	Cameron: Peveto Woods Sanctuary, off LA 82	19-Oct-12		KC
<i>Urbanus proteus</i>	Cameron: Peveto Woods	20-Oct-12		CWM
<i>Urbanus proteus</i>	Cameron: Holly Beach	03-Nov-12		CWM
<i>Urbanus proteus</i>	Cameron: Lacassine NWR	11-Nov-12		CWM
<i>Thorybes confusus</i>	Natchitoches: Kisatchie NF	16-Jun-12		CWM
<i>Staphylus hayhurstii</i>	St. Martin: Indian Bayou WMA	04-Jul-12		CWM
<i>Erynnis brizo</i>	Natchitoches: Kisatchie NF	04-Mar-12		CWM
<i>Erynnis brizo</i>	Rapides: Kisatchie NF	17-Mar-12		CWM
<i>Erynnis funeralis</i>	Catahoula: Sisily Island Hills WMA	02-Jun-12		CWM
<i>Erynnis funeralis</i>	Iberia: Avery Island	10-Jun-12		CWM
<i>Erynnis funeralis</i>	Vermilion: Hwy 82 between Forked Island & Pecan island	28-Oct-12		CWM
<i>Erynnis zarucco</i>	Lafayette: Acadiana Nature Trail	09-Jun-12		CWM
<i>Erynnis zarucco</i>	Rapides: Kisatchie NF	12-Aug-12		CWM
<i>Amblyscirtes aesculapius</i>	Natchitoches: Kisatchie NF	04-Mar-12		CWM
<i>Amblyscirtes aesculapius</i>	Catahoula: Sisily Island Hills WMA	10-Mar-12	02-Jun-12	CWM
<i>Amblyscirtes hegon</i>	Catahoula: Sisily Island Hills WMA	10-Mar-12		CWM
<i>Amblyscirtes hegon</i>	Rapides: Kisatchie NF	17-Mar-12		CWM
<i>Nastra neamathla</i>	Cameron: Cameron Prairie NWR	13-Oct-12		CWM
<i>Nastra neamathla</i>	Cameron: Sabine NWR, Blue Goose Trail off LA 82	19-Oct-12		KC
<i>Nastra neamathla</i>	Cameron: along Hwy 27	20-Oct-12	03-Nov-12	CWM
<i>Hylephila phyleus</i>	St. Tammany: Abita Creek Preserve	30-Nov-12		CWM
<i>Hesperia meskei</i>	Natchitoches: Kisatchie NF	16-Jun-12		CWM
<i>Atalopedes campestris</i>	Vermilion: Hwy 82 between Forked Island & Pecan island	28-Oct-12		CWM
<i>Atalopedes campestris</i>	Cameron: Peveto Woods	03-Nov-12		CWM
<i>Polites origenes</i>	Natchitoches: Kisatchie NF	14-Apr-12		CWM
<i>Anatrytone logan</i>	Iberia: Avery Island	10-Jun-12		CWM
<i>Anatrytone logan</i>	St. Landry: Duraldi Prairie	03-Sep-12	16-Sep-12	CWM
<i>Poanes aaroni</i>	Cameron: along Hwy 27	20-Oct-12		CWM
<i>Poanes viator</i>	Iberia: Avery Island	10-Jun-12		CWM
<i>Poanes viator</i>	Cameron: Cameron Prairie NWR	13-Oct-12		CWM
<i>Poanes viator</i>	Cameron: Grand Chenier	13-Oct-12		CWM
<i>Poanes viator</i>	Vermilion: Hwy 82 between Forked Island & Pecan island	28-Oct-12		CWM
<i>Poanes viator</i>	Cameron: Lacassine NWR	11-Nov-12		CWM
<i>Poanes yehl</i>	Livingston: Tickfaw SP	28-May-12		CWM
<i>Poanes yehl</i>	Catahoula: Sisily Island Hills WMA	02-Jun-12		CWM

<i>Euphyes bayensis</i>	Cameron: Grand Chenier	13-Oct-12		CWM
<i>Euphyes bayensis</i>	Cameron: along Hwy 27	03-Nov-12		CWM
<i>Euphyes dukesi</i>	St. Landry: Thistlethwaite WMA	22-Apr-12	22-Jul-12	CWM
<i>Atrytonopsis hianna</i>	Rapides: Kisatchie NF	17-Mar-12		CWM
<i>Atrytonopsis hianna</i>	Natchitoches: Kisatchie NF	14-Apr-12		CWM
<i>Oligoria maculata</i>	St. Landry: Duraldi Prairie	03-Sep-12		CWM
<i>Panoquina panoquin</i>	Cameron: along Hwy 27	20-Oct-12	03-Nov-12	CWM
<i>Panoquina panoquinoides</i>	Cameron: Sabine NWR, Blue Goose Trail off LA 82	19-Oct-12		KC
<i>Panoquina panoquinoides</i>	Cameron: along Hwy 27	20-Oct-12	03-Nov-12	CWM
<i>Panoquina panoquinoides</i>	Cameron: Holly Beach	03-Nov-12		CWM
<i>Megathymus streckeri</i>	Natchitoches: Kisatchie NF, FS 345	30-Apr-13		JT1
PAPILIONIDAE				
<i>Eurytides marcellus</i>	Natchitoches: Kisatchie NF	04-Mar-12	16-Jun-12	CWM
<i>Battus philenor</i>	Natchitoches: Kisatchie NF	04-Mar-12		CWM
<i>Battus philenor</i>	Cameron: Peveto Woods Sanctuary, off LA 82	19-Oct-12		KC
<i>Papilio cressphontes</i>	Natchitoches: Kisatchie NF	04-Mar-12		CWM
<i>Papilio cressphontes</i>	Cameron: Peveto Woods Sanctuary, off LA 82	19-Oct-12		KC
<i>Papilio glaucus</i>	Natchitoches: Kisatchie NF	04-Mar-12		CWM
<i>Papilio palamedes</i>	Natchitoches: Kisatchie NF	04-Mar-12		CWM
<i>Papilio palamedes</i>	Calcasieu: Sam Houston Jones SP	17-Oct-12		KC
<i>Papilio troilus</i>	Natchitoches: Kisatchie NF	04-Mar-12		CWM
PIERIDAE				
<i>Ascia monuste</i>	Natchitoches: Kisatchie NF	16-Jun-12		CWM
<i>Ascia monuste</i>	Cameron: Grand Chenier	13-Oct-12		CWM
<i>Ascia monuste</i>	Cameron: along Hwy 27	03-Nov-12		CWM
<i>Ascia monuste</i>	Cameron: Peveto Woods	03-Nov-12		CWM
<i>Anthocharis midea</i>	Natchitoches: Kisatchie NF	04-Mar-12		CWM
<i>Anthocharis midea</i>	Rapides: Kisatchie NF	17-Mar-12		CWM
<i>Zerene cesonia</i>	Rapides: Kisatchie NF	17-Mar-12		CWM
<i>Phoebis philea</i>	Terrebonne: Houma, LA 659 1/4 mi. W. of LA 3087	06-Oct-12		KC
<i>Phoebis sennae</i>	St. Tammany: Abita Creek Preserve	30-Nov-12		CWM
<i>Pyrisitia lisa</i>	St. Tammany: Abita Creek Preserve	30-Nov-12		CWM
<i>Nathalis iole</i>	Grant: Catahoula Butterfly Garden	28-Apr-12		CWM
LYCAENIDAE				
<i>Feniseca tarquinius</i>	Natchitoches: Kisatchie NF	14-Apr-12		CWM
<i>Feniseca tarquinius</i>	St. Martin: Indian Bayou WMA	04-Jul-12		CWM
<i>Satyrrium calanus</i>	St. Landry: Thistlethwaite WMA	22-Apr-12		CWM
<i>Satyrrium calanus</i>	E. Baton Rouge: Bluebonnet Swamp	26-Apr-12		CWM
<i>Satyrrium calanus</i>	Rapides: Indian Creek Rec. Area	28-Apr-12		CWM
<i>Satyrrium favonius</i>	Iberia: Avery Island	19-Apr-12		CWM
<i>Satyrrium kingi</i>	Rapides: Indian Creek Rec. Area	02-Jun-12		CWM
<i>Satyrrium liparops</i>	Rapides: Indian Creek Rec. Area	12-May-12		CWM
<i>Callophrys irus</i>	Natchitoches: Kisatchie NF	04-Mar-12		CWM
<i>Callophrys irus</i>	Rapides: Kisatchie NF	17-Mar-12		CWM
<i>Callophrys niphon</i>	Rapides: Kisatchie NF	17-Mar-12		CWM
<i>Calycopis isobeon</i>	Cameron: along Hwy 27	03-Nov-12		CWM
<i>Strymon istapa</i>	Cameron: along Hwy 27	20-Oct-12		CWM
<i>Hemiargus ceraunus</i>	St. Landry: Duraldi Prairie	16-Sep-12		CWM
<i>Hemiargus ceraunus</i>	Cameron: Grand Chenier	13-Oct-12		CWM
<i>Hemiargus ceraunus</i>	Cameron: off Deep Bayou Rd. & LA 82	19-Oct-12		KC
<i>Hemiargus ceraunus</i>	Cameron: along Hwy 27	20-Oct-12		CWM
<i>Hemiargus ceraunus</i>	Cameron: Peveto Woods	20-Oct-12	03-Nov-12	CWM
<i>Hemiargus ceraunus</i>	Cameron: Holly Beach	03-Nov-12		CWM
<i>Hemiargus ceraunus</i>	Cameron: Cameron Prairie NWR	18-Nov-12		CWM
<i>Hemiargus ceraunus</i>	Jefferson Davis: Lacassine Pool	18-Nov-12		CWM
<i>Hemiargus ceraunus</i>	Bossier: Bodcau WMA	11-Oct-13		JT1
<i>Hemiargus ceraunus</i>	Caddo: Eddie Jones Park	11-Nov-13		JT1
NYMPHALIDAE				
<i>Danaus gilippus</i>	St. Landry: Thistlethwaite WMA	22-Jul-12	28-Jul-12	CWM

Danaus gilippus	Cameron: Peveto Woods	20-Oct-12	03-Nov-12	CWM
Danaus gilippus	Cameron: along Hwy 27	03-Nov-12		CWM
Danaus gilippus	Cameron: Holly Beach	03-Nov-12		CWM
Lethe anthedon	Catahoula: Sisily Island Hills WMA	02-Jun-12	28-Jul-12	CWM
Lethe creola	Livingston: Tickfaw SP	28-May-12		CWM
Lethe portlandia	Catahoula: Sisily Island Hills WMA	10-Mar-12	28-Jul-12	CWM
Lethe portlandia	Livingston: Tickfaw SP	24-Apr-12	28-May-12	CWM
Lethe portlandia	Rapides: Indian Creek Rec. Area	22-Jul-12		CWM
Cercyonis pegala	Natchitoches: Kisatchie NF	16-Jun-12		CWM
Agraulis vanillae	St. Tammany: Abita Creek Preserve	30-Nov-12		CWM
Vanessa cardui	St. Landry: Duraldi Prairie	16-Sep-12		CWM
Nymphalis antiopa	Catahoula: Sisily Island Hills WMA	10-Mar-12		CWM
Nymphalis antiopa	Iberia: Avery Island	19-Apr-12		CWM
Nymphalis antiopa	St. Landry: Thistlethwaite WMA	22-Apr-12		CWM
Nymphalis antiopa	Livingston: Tickfaw SP	24-Apr-12		CWM
Nymphalis antiopa	Grant: Catahoula Butterfly Garden	28-Apr-12		CWM
Nymphalis antiopa	Terrebonne: Houma, LA 659 1/4 mi. W. of LA 3087	06-Oct-12		KC
Nymphalis antiopa	Vermilion: Hwy 82 between Forked Island & Pecan island	28-Oct-12		CWM
Polygonia comma	Natchitoches: Kisatchie NF	04-Mar-12		CWM
Anartia jatrophae	Orleans: Bayou Sauvage NWR	20-Nov-13		JT1
Junonia coenia	St. Tammany: Abita Creek Preserve	30-Nov-12		CWM
Phyciodes tharos	St. Tammany: Abita Creek Preserve	30-Nov-12		CWM
Anthanassa texana	Lafayette: Lafayette, Acadiana Park	20-Nov-13		JT1

Moths

ACROLOPHIDAE

Acrolophus heppneri	RAPIDES: Lecompte gas station	16-Sep-13		ROS
Acrolophus heppneri	CADDO: Highland area, Shreveport	04-Oct-13		ROS
Acrolophus mycetophagus	JEFFERSON: Terrytown	23-May-13		ROS
Acrolophus mycetophagus	CADDO: Highland area, Shreveport	03-Jun-13		ROS
Acrolophus texanella	CADDO: Highland area, Shreveport	18-May-13		ROS

TINEIDAE

Kearfottia albifasciella	BOSSIER: Fillmore gas station	30-May-13		ROS
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PSYCHIDAE

Cryptothelea nigrita	CADDO: Highland area, Shreveport	28-May-13		ROS
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GRACILLARIIDAE

Caloptilia blandella	CADDO: Highland area, Shreveport	02-Jul-13		ROS
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OECOPHORIDAE

Antaeotricha schlaegeri	CADDO: Eddie D. Jones Park, Shreveport	15-Apr-13		ROS
Gonioterma mistrella at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	28-May-13		SXA
Inga sparsiciliella at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	31-May-13		SXA
Eupragia hospita at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	08-Jun-13		SXA
Psilocorsis cryptolechiella	CADDO: Highland area, Shreveport	14-May-13		ROS

GELECHIIDAE

Aristotelia roseosuffusella	CADDO: Highland area, Shreveport	02-Oct-12		ROS
Deltophora sella	CADDO: Highland area, Shreveport	03-Jun-13		ROS
Chionodes rabula at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	04-Jun-13		SXA
Stegasta bosqueella	CADDO: Highland area, Shreveport	26-Sep-13	28-Sep-13	ROS
Polyhymno luteostrigella	CADDO: Highland area, Shreveport	22-Sep-13		ROS
Dichomeris ligulella	CADDO: Highland area, Shreveport	05-Mar-13		ROS

BLASTOBASIDAE

Blastobasis glandulella	CADDO: Highland area, Shreveport	15-Mar-13		ROS
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MOMPHIDAE

Mompha circumscriptella	CADDO: Highland area, Shreveport	16-May-13		ROS
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COSMOPTERIGIDAE

Euclementia bassettella	CADDO: Highland area, Shreveport	06-Jun-13		ROS
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GLYPHIPTERIGIDAE

Diploschizia impigitella	CADD0: Highland area, Shreveport	16-May-13		ROS
Glyphidocera juniperella resting under MV light;	East Baton Rouge: Baton Rouge, LSU campus;	24-Jun-13		SXA

PLUTELLIDAE

Plutella xylostella	CADD0: Highland area, Shreveport	03-Oct-13	10-Oct-13	ROS
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YPONOMEUTIDAE

Atteva aurea	CADD0: Bishop's Point, Shreveport	14-Nov-07		ROS
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CRAMBIDAE

Achyra rantalis	CADD0: Eddie D. Jones Park, Shreveport	06-May-13		ROS
Blepharomastix ranalis	CADD0: Eddie D. Jones Park, Shreveport	15-Apr-13		ROS
Colomychus talis	ST. LANDRY : Washington	26-May-12		ROS
Crambus agitatellus	CADD0: Eddie D. Jones Park, Shreveport	28-Jul-13		ROS
Crambus saltuellus	CADD0: Highland area, Shreveport	18-May-13		ROS
Diaphania hyalinata	RAPIDES: Kisatchie NF	16-Aug-08		ROS
Diatraea evanescens	CADD0: Eddie D. Jones Park, Shreveport	28-Jul-13		ROS
Dicymolomia julianalis at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	01-Jul-13		SXA
Dicymolomia julianalis	CADD0: Highland area, Shreveport	13-Oct-13		ROS
Epipagis huronalis	CADD0: Eddie D. Jones Park, Shreveport	25-Sep-13		ROS
Euchromius ocellus	CADD0: Highland area, Shreveport	14-Oct-13		ROS
Eudonia heterosalis	CADD0: Eddie D. Jones Park, Shreveport	25-Jun-13		ROS
Glaphyria sequistrialis	CADD0: Highland area, Shreveport	24-Aug-09		ROS
Herpetogramma bipunctalis	CADD0: Eddie D. Jones Park, Shreveport	25-Sep-13		ROS
Hileithia magualis	CADD0: Highland area, Shreveport	28-Sep-13		ROS
Hymenia perspectalis	JEFFERSON: Terrytown	10-Sep-13		ROS
Lineodes interrupta	CADD0: Highland area, Shreveport	22-Sep-13		ROS
Marasmia cochrusalis	CADD0: Highland area, Shreveport	14-Oct-13		ROS
Microtheoris ophionalis	CADD0: Highland area, Shreveport	25-Sep-13		ROS
Nomophila nearctica	CADD0: Eddie D. Jones Park, Shreveport	21-Oct-12		ROS
Palpita magniferalis	CADD0: Eddie D. Jones Park, Shreveport	25-Jun-13		ROS
Parapediasia teterrella	CADD0: Highland area, Shreveport	05-May-13		ROS
Perispasta caeculalis	CADD0: Eddie D. Jones Park, Shreveport	28-Jul-13		ROS
Pyrausta acronialis	CADD0: Highland area, Shreveport	09-Mar-13		ROS
Pyrausta inornatalis	BOSSIER: Fillmore gas station on Hwy 157 N of I20	31-May-12		ROS
Samea multiplicalis at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	07-Apr-13	04-Jun-13	SXA
Saucrobotys futilalis	CADD0: Highland area, Shreveport	09-May-13		ROS
Spoladea recurvalis at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	24-Dec-12		SXA
Synclita oblitteralis	CADD0: Highland area, Shreveport	29-Mar-13		ROS
Synclita oblitteralis at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	27-Apr-13	04-Jun-13	SXA
Synclita oblitteralis	JEFFERSON: Terrytown	10-Sep-13	17-Sep-13	ROS
Synclita tinealis at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	09-May-13		SXA
Udea rubigalis	CADD0: Highland area, Shreveport	28-Jan-13		ROS
Urola nivalis	CADD0: Eddie D. Jones Park, Shreveport	17-May-13		ROS
Vaxi critica	CADD0: Eddie D. Jones Park, Shreveport	17-May-13		ROS

PYRALIDAE

Parachma ochracealis	BOSSIER: Fillmore gas station on Hwy 157 N of I20	30-May-13		ROS
Galasa nigrinodis	CADD0: Highland area, Shreveport	25-May-13		ROS
Sciota celtidella	CADD0: Eddie D. Jones Park, Shreveport	15-Apr-13		ROS
Sciota uvinella	CADD0: Eddie D. Jones Park, Shreveport	28-Jul-13		ROS
Clydonopteron sacculana	CADD0: Eddie D. Jones Park, Shreveport	17-May-13		ROS
Arta olivalis	CADD0: Eddie D. Jones Park, Shreveport	03-Jun-13	17-Jun-13	ROS
Heliades mulleoella	CADD0: Eddie D. Jones Park, Shreveport	17-May-13		ROS
Epipaschia superatalis	CADD0: Eddie D. Jones Park, Shreveport	17-May-13		ROS
Pococera asperatella	CADD0: Highland area, Shreveport	13-May-13		ROS
Omphalocera munroei	CADD0: Eddie D. Jones Park, Shreveport	25-Jun-13		ROS
Acrobasis exsulella	CADD0: Eddie D. Jones Park, Shreveport	25-Jun-13		ROS

<i>Adelphia petrella</i>	CADDO: Highland area, Shreveport	11-Oct-13	ROS
<i>Elasmopalpus lignosellus</i>	CADDO: Highland area, Shreveport	29-Aug-13	ROS
<i>Macrorrhinia endonephele</i> at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	04-Jun-13	SXA
<i>Dolichomia binodulalis</i>	CADDO: Eddie D. Jones Park, Shreveport	28-Oct-13	ROS
<i>Moodna ostrinella</i>	CADDO: Highland area, Shreveport	14-Apr-13	ROS
PTEROPHORIDAE			
<i>Pselnophorus belfragei</i>	CADDO: Eddie D. Jones Park, Shreveport	15-Apr-13	ROS
URODIDAE			
<i>Homadula anisocentra</i>	CADDO: Highland area, Shreveport	11-May-13	ROS
CHOREUTIDAE			
<i>Tebenna gnaphaliella</i>	CADDO: Highland area, Shreveport	16-May-13	ROS
ZYGAENIDAE			
<i>Harrisina americana</i>	CADDO: Highland area, Shreveport	16-May-13	ROS
<i>Harrisina americana</i>	JEFFERSON: Terrytown	12-Sep-13	ROS
<i>Neoprocris floridana</i>	BOSSIER: Fillmore gas station on Hwy 157 N of I20	30-May-13	ROS
COSSIDAE			
<i>Givira anna</i>	CADDO: Highland area, Shreveport	28-Jul-13	ROS
<i>Prionoxystus robiniae</i>	CADDO: Eddie D. Jones Park, Shreveport	15-Apr-13	VL
LIMACODIDAE			
<i>Tortricidia pallida</i>	CADDO: Eddie D. Jones Park, Shreveport	29-Aug-13	ROS
<i>Lithacodes fasciola</i>	CADDO: Eddie D. Jones Park, Shreveport	28-Jul-13	ROS
<i>Apoda biguttata</i>	CADDO: Eddie D. Jones Park, Shreveport	28-Jul-13	ROS
<i>Natada nasoni</i>	CADDO: Eddie D. Jones Park, Shreveport	28-Jul-13	ROS
<i>Monoleuca semifascia</i>	CADDO: Eddie D. Jones Park, Shreveport	25-Jun-13	ROS
<i>Euclea delphinii</i>	BOSSIER: Fillmore gas station on Hwy 157 N of I20	27-Jul-13	ROS
TORTRICIDAE			
<i>Lobesia rhoifractana</i>	CADDO: Highland area, Shreveport	16-May-13	ROS
<i>Eumarozia malachitana</i>	CADDO: Highland area, Shreveport	31-Aug-13	ROS
<i>Zomaria interruptolineana</i>	CADDO: Highland area, Shreveport	25-May-13	ROS
<i>Rhyacionia rigidana</i>	CADDO: Highland area, Shreveport	06-Jun-13	ROS
<i>Epiblema otiosana</i>	CADDO: Eddie D. Jones Park, Shreveport	25-Sep-13	ROS
<i>Epiblema strenuana</i>	CADDO: Highland area, Shreveport	07-May-13	ROS
<i>Suleima helianthana</i> at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	10-Feb-13	SXA
<i>Sonia constrictana</i>	CADDO: Eddie D. Jones Park, Shreveport	25-Jun-13	ROS
<i>Sonia constrictana</i>	JEFFERSON: Terrytown	10-Sep-13	15-Sep-13 ROS
<i>Sonia paraplesiana</i>	CADDO: Eddie D. Jones Park, Shreveport	25-Sep-13	ROS
<i>Pseudexentera spoliata</i>	CADDO: Highland area, Shreveport	13-Mar-13	ROS
<i>Crociosema plebejana</i>	CADDO: Eddie D. Jones Park, Shreveport	25-Sep-13	ROS
<i>Phtheochroa hospes</i>	CADDO: Highland area, Shreveport	04-Oct-13	ROS
<i>Cydia caryana</i>	CADDO: Highland area, Shreveport	25-Apr-13	ROS
<i>Cydia latiferreanus</i>	CADDO: Highland area, Shreveport	25-Jul-13	27-Jul-13 ROS
<i>Choristoneura pinus</i>	CADDO: Highland area, Shreveport	04-Jun-13	ROS
<i>Archips argyrospila</i>	CADDO: Highland area, Shreveport	26-Apr-13	ROS
<i>Archips georgiana</i>	CADDO: Highland area, Shreveport	25-Apr-13	ROS
<i>Ptycholoma peritana</i>	ORLEANS: Westbank, New Orleans	18-Mar-13	ROS
<i>Ptycholoma peritana</i> at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	28-May-13	SXA
<i>Ptycholoma virescana</i>	CADDO: Highland area, Shreveport	15-Mar-13	ROS
<i>Sparganothis caryae</i>	CADDO: Eddie D. Jones Park, Shreveport	28-Jul-13	ROS
<i>Sparganothis lentiginosana</i>	CADDO: Highland area, Shreveport	17-May-13	ROS
<i>Sparganothis sulfureana</i>	CADDO: Highland area, Shreveport	04-Jun-13	ROS
<i>Platynota flavedana</i>	CADDO: Highland area, Shreveport	12-Mar-13	ROS
<i>Platynota idaeusalis</i>	CADDO: Eddie D. Jones Park, Shreveport	25-Jun-13	ROS
<i>Platynota rostrana</i>	CADDO: Highland area, Shreveport	07-May-13	ROS
<i>Coelostathma discopunctana</i>	CADDO: Eddie D. Jones Park, Shreveport	28-Jul-13	ROS
GEOMETRIDAE			
<i>Macaria distribuaria</i>	CADDO: Eddie D. Jones Park, Shreveport	15-Apr-13	ROS
<i>Enconista dislocaria</i>	CADDO: Highland area, Shreveport	09-Mar-13	ROS

Anacamptodes defectaria	ORLEANS: Westbank, New Orleans	12-Feb-13		ROS
Anacamptodes defectaria	RAPIDES: Lecompte gas station W of I49	14-Feb-13		ROS
Anacamptodes defectaria at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	14-Apr-13	31-May-13	SXA
Cleora sublunaria	CADD0: Highland area, Shreveport	03-Feb-13		ROS
Cleora sublunaria	BOSSIER: Filmore gas station on Hwy 157 N of I20	04-Feb-13		ROS
Protoboarmia porcelaria at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	08-Jun-13		SXA
Lycia ypsilon	BOSSIER: Filmore gas station on Hwy 157 N of I20	04-Feb-13		ROS
Hypagyrtis unipunctata	CADD0: Eddie D. Jones Park, Shreveport	17-May-13		ROS
Phigalia denticulata	CADD0: Highland area, Shreveport	25-Jan-13		ROS
Phigalia strigataria	STONEWALL: DeSoto	18-Feb-13		ROS
Paleacrita merriccata	BOSSIER: Filmore gas station on Hwy 157 N of I20	03-Jan-13		ROS
Paleacrita vernata	BOSSIER: Filmore gas station on Hwy 157 N of I20	04-Feb-13		ROS
Lytrosis unitaria	CADD0: Eddie D. Jones Park, Shreveport	17-May-13		ROS
Euchlaena deplanaria	CADD0: Eddie D. Jones Park, Shreveport	20-May-12		ROS
Xanthotype rufaria at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	08-Jul-13		SXA
Nacophora quernaria	CADD0: Highland area, Shreveport	08-Mar-13		ROS
Lychnosea intermicata	ST. LANDRY : Washington	26-May-12		ROS
Nepytia canosaria	BOSSIER: Filmore gas station on Hwy 157 N of I20	30-May-13		ROS
Eusarca confusaria	CADD0: Eddie D. Jones Park, Shreveport	17-May-13		ROS
Nematocampa resistaria	CADD0: Eddie D. Jones Park, Shreveport	17-May-13		ROS
Nemoria elfa	ORLEANS: Westbank, New Orleans	18-Mar-13		ROS
Synchlora frondaria	ST. LANDRY : Washington	26-May-12		ROS
Chlorochlamys chloroleucaria	CADD0: Eddie D. Jones Park, Shreveport	15-Apr-13		ROS
Lobocleta ossularia	CADD0: Highland area, Shreveport	14-Apr-13		ROS
Idaea demissaria	BOSSIER: Filmore gas station on Hwy 157 N of I20	30-May-13		ROS
Pleuroprucha insulsaria	BOSSIER: Filmore gas station on Hwy 157 N of I20	30-May-13		ROS
Haematopis grataria	CAMERON: Sabine NWR, Blue Goose Trail	07-Nov-12		ROS
Calothysanis amaturlaria resting under MV light;	East Baton Rouge: Baton Rouge, LSU campus;	08-Jun-13		SXA
Scopula limboundata	CADD0: Eddie D. Jones Park, Shreveport	17-May-13		ROS
Orthonama centrostrigaria	CADD0: Highland area, Shreveport	25-Feb-13		ROS
Orthonama obstipata	CADD0: Highland area, Shreveport	03-Feb-13		ROS
Disclisioprocta stellata	CADD0: Highland area, Shreveport	31-Aug-09		ROS
Horisme intestinata	CADD0: Highland area, Shreveport	09-Mar-13		ROS
Eupithecia miserulata	CADD0: Highland area, Shreveport	08-Oct-12		ROS
LASIOCAMPIDAE				
Artace cribraria at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	01-Jan-13	23-Jul-13	SXA
Phyllodesma americana	RAPIDES: Lecompte gas station W of I49	14-Feb-13		ROS
Phyllodesma occidentis	BOSSIER: Filmore gas station on Hwy 157 N of I20	04-Feb-13		ROS
Malacosoma americanum	CADD0: Eddie D. Jones Park, Shreveport	17-May-13		ROS
Malacosoma disstria	CADD0: Eddie D. Jones Park, Shreveport	17-May-13		ROS
SATURNIIDAE				
Eacles imperialis	ST MARTIN: Indian Bayou	09-Apr-09		ROS
Dryocampa rubicunda	ST MARTIN: Indian Bayou	12-Jun-10		ROS
Anisota stigma	CADD0: Richard Fleming Park	14-Aug-03		ROS
Hemileuca maia	CADD0: Williamson Park	01-Dec-07		ROS
Automeris io	ST. LANDRY: Washington	26-May-12		ROS
Actias luna	ST. LANDRY: Washington	27-May-12		ROS
Actias luna	CADD0: Eddie D. Jones Park, Shreveport	17-May-13		ROS
SPHINGIDAE				
Manduca quinquemaculatus	ST. LANDRY: Washington	26-May-12		ROS
Manduca sexta	CADD0: Highland area, Shreveport	20-Jun-04		ROS
Dolba hyloeus	CADD0: Eddie D. Jones Park, Shreveport	17-May-13		ROS
Ceratomia undulosa	CADD0: Eddie D. Jones Park, Shreveport	15-Apr-13		ROS
Paonias excaecata	CADD0: Eddie D. Jones Park, Shreveport	15-Apr-13		ROS
Paonias myops	CADD0: Eddie D. Jones Park, Shreveport	17-May-13		ROS

<i>Deidamia inscriptum</i>	BOSSIER: Filmore gas station on Hwy 157 N of I20	08-Mar-13	ROS
<i>Darapsa myron</i>	ST. LANDRY: Washington	26-May-12	ROS
<i>Xylophanes tersa</i>	CADD0: Highland area, Shreveport	20-Jul-09	ROS
<i>Xylophanes tersa</i> resting under MV light;	East Baton Rouge: Baton Rouge, LSU campus;	10-Jul-13	SXA
NOTODONTIDAE			
<i>Hyperaeschra georgica</i>	CADD0: Eddie D. Jones Park, Shreveport	15-Apr-13	ROS
<i>Gluphisia septentrionis</i>	BOSSIER: Filmore gas station on Hwy 157 N of I20	07-Apr-13	ROS
<i>Ellida caniplaga</i>	CADD0: Eddie D. Jones Park, Shreveport	22-Mar-13	ROS
<i>Misogada unicolor</i>	BOSSIER: Filmore gas station on Hwy 157 N of I20	29-May-13	ROS
<i>Heterocampa obliqua</i>	CADD0: Highland area, Shreveport	10-May-13	ROS
<i>Heterocampa obliqua</i>	CADD0: Eddie D. Jones Park, Shreveport	17-May-13	ROS
<i>Lochmaeus bilineata</i>	CADD0: Eddie D. Jones Park, Shreveport	15-Apr-13	ROS
<i>Schizura unicornis</i>	CADD0: Eddie D. Jones Park, Shreveport	22-Mar-13	ROS
<i>Schizura unicornis</i> at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	20-Jul-13	SXA
<i>Symmerista albifrons</i>	CADD0: Highland area, Shreveport	12-Mar-13	ROS
EREBIDAE			
<i>Virbia laeta</i>	CADD0: Eddie D. Jones Park, Shreveport	15-Apr-13	ROS
<i>Virbia rubicundaria</i>	CADD0: Eddie D. Jones Park, Shreveport	15-Apr-13	ROS
<i>Apantesis vittata</i>	CADD0: Eddie D. Jones Park, Shreveport	15-Apr-13	ROS
<i>Pyrrharctia isabella</i>	CADD0: Highland area, Shreveport	30-Jul-03	ROS
<i>Estigmene acrea</i>	ST. LANDRY: Washington	27-May-12	ROS
<i>Hyphantria cunea</i>	RAPIDES: Lecompte gas station W of I49	29-Sep-12	ROS
<i>Spilosoma virginica</i>	CADD0: Highland area, Shreveport	25-Aug-07	ROS
<i>Spilosoma virginica</i> at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	31-May-13	SXA
<i>Euerythra phasma</i>	CADD0: Eddie D. Jones Park, Shreveport	15-Apr-13	ROS
<i>Cisseps fulvicollis</i>	ST. LANDRY: Washington	27-May-12	ROS
<i>Cosmosoma myrodora</i>	ST. LANDRY: Washington	27-May-12	ROS
<i>Metalectra discalis</i>	CADD0: Eddie D. Jones Park, Shreveport	15-Apr-13	ROS
<i>Idia aemula</i>	CADD0: Eddie D. Jones Park, Shreveport	15-Apr-13	ROS
<i>Idia americalis</i>	CADD0: Highland area, Shreveport	20-Aug-09	ROS
<i>Tetanolita mynesalis</i>	CADD0: Highland area, Shreveport	15-Mar-13	ROS
<i>Bleptina caradrinalis</i>	CADD0: Eddie D. Jones Park, Shreveport	15-Apr-13	ROS
<i>Renia discoloralis</i>	CADD0: Eddie D. Jones Park, Shreveport	15-Apr-13	ROS
<i>Palthis asopialis</i>	CADD0: Eddie D. Jones Park, Shreveport	15-Apr-13	ROS
<i>Palthis asopialis</i> resting under MV light;	East Baton Rouge: Baton Rouge, LSU campus;	27-Jun-13	SXA
<i>Hypena bijugalis</i> at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	27-Jun-13	SXA
<i>Hypena manalis</i>	CADD0: Eddie D. Jones Park, Shreveport	15-Apr-13	ROS
<i>Hypena scabra</i> at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	15-Dec-12	SXA
<i>Hypena scabra</i>	CADD0: Highland area, Shreveport	24-Jan-13	ROS
<i>Melanomma auricinctaria</i> at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	08-Jun-13	SXA
<i>Ascalapha odorata</i>	Cameron: Peveto Woods	20-Oct-12	CWM
<i>Hypsoropha monilis</i>	CADD0: Eddie D. Jones Park, Shreveport	17-May-13	ROS
<i>Plusiodonta compressipalpis</i>	CADD0: Highland area, Shreveport	02-Oct-12	ROS
<i>Phoberia atomaris</i>	BOSSIER: Filmore gas station on Hwy 157 N of I20	04-Feb-13	ROS
<i>Cissusa spadix</i>	CADD0: Highland area, Shreveport	04-Mar-13	ROS
<i>Mocis marcida</i>	CAMERON: Peveto Woods Sanctuary	07-Nov-12	ROS
<i>Mocis texana</i>	CLAIBORNE: Lake Claiborne SP	14-Apr-10	ROS
<i>Argyrostromis anilis</i>	CADD0: Eddie D. Jones Park, Shreveport	13-Apr-12	ROS
<i>Panopoda carneicosta</i>	CADD0: Highland area, Shreveport	25-Aug-09	ROS
<i>Panopoda repanda</i> at MV lights;	East Baton Rouge: Baton Rouge, LSU campus;	22-Apr-13	SXA
<i>Lesmone detrahens</i>	CADD0: Eddie D. Jones Park, Shreveport	17-May-13	ROS
<i>Metria amella</i> at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	24-Jan-13 12-May-13	SXA

<i>Catocala dejecta</i>	BOSSIER: Bodcau	17-May-12	ROS
<i>Catocala innubens</i>	CADD0: Eddie D. Jones Park, Shreveport	30-May-12	ROS
<i>Catocala piatrix</i>	CADD0: Highland area, Shreveport	22-Jul-06	ROS
<i>Diphthera festiva</i>	RAPIDES: Lecompte gas station W of I49	29-Sep-12	ROS
NOCTUIDAE			
<i>Argyrogramma verruca</i> at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	12-Jul-13	SXA
<i>Chrysodeixis includens</i>	CADD0: Highland area, Shreveport	08-Oct-12	ROS
<i>Ozarba nebula</i> at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	11-Jul-13	SXA
<i>Marimatha nigrofimbria</i>	CADD0: Highland area, Shreveport	16-Aug-09	ROS
<i>Pseuduestrotia indeterminata</i> at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	20-Jul-13	SXA
<i>Maliattha synochitis</i>	CADD0: Eddie D. Jones Park, Shreveport	15-Apr-13	ROS
<i>Cerma cerintha</i>	BOSSIER: Filmore gas station on Hwy 157 N of I20 t	30-May-13	ROS
<i>Cerma cora</i>	CADD0: Eddie D. Jones Park, Shreveport	22-Mar-13	ROS
<i>Ponometia candefacta</i>	CADD0: Highland area, Shreveport	07-May-13	ROS
<i>Ponometia semiflava</i>	CADD0: Eddie D. Jones Park, Shreveport	17-May-13	ROS
<i>Spragueia leo</i>	CADD0: Eddie D. Jones Park, Shreveport	17-May-13	ROS
<i>Tarache aprica</i>	DESOTO: White Springs Rd. near Caddo	18-Sep-11	ROS
<i>Panthea furcilla</i>	BOSSIER: Filmore gas station on Hwy 157 N of I20 t	04-Feb-13	ROS
<i>Raphia frater</i>	BOSSIER: Filmore gas station on Hwy 157 N of I20 t	08-Mar-13	ROS
<i>Acronicta afflicta</i>	CADD0: Eddie D. Jones Park, Shreveport	15-Apr-13	ROS
<i>Acronicta clarescens</i>	CADD0: Eddie D. Jones Park, Shreveport	22-Mar-13	ROS
<i>Acronicta lobeliae</i>	BOSSIER: Filmore gas station on Hwy 157 N of I20 t	25-Mar-13	ROS
<i>Acronicta oblinita</i>	CADD0: Bickham Dickson	28-Jun-05	ROS
<i>Acronicta oblinita</i> at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	01-Jul-13	SXA
<i>Acronicta vinnula</i>	CADD0: Eddie D. Jones Park, Shreveport	17-May-13	ROS
<i>Psaphida resumens</i>	BOSSIER: Filmore gas station on Hwy 157 N of I20 t	04-Feb-13	ROS
<i>Psaphida rolandi</i>	BOSSIER: Filmore gas station on Hwy 157 N of I20 t	04-Feb-13	ROS
<i>Psaphida thaxteriana</i>	CADD0: Highland area, Shreveport	16-Feb-13	ROS
<i>Phosphila turbulenta</i> caterpillar, possible state record	CLAIBORNE : Homer	19-May-07	ROS
<i>Schinia nundina</i>	RAPIDES: Lecompte gas station W of I49	22-Sep-12	ROS
<i>Ogdoconta cinereola</i> at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	10-Jul-13	SXA
<i>Leuconycta lepidula</i>	CADD0: Eddie D. Jones Park, Shreveport	15-Apr-13	ROS
<i>Balsa labecula</i>	CADD0: Eddie D. Jones Park, Shreveport	15-Apr-13	ROS
<i>Spodoptera eridania</i> at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	12-May-13	SXA
<i>Spodoptera frugiperda</i>	CADD0: Highland area, Shreveport	11-Nov-12	ROS
<i>Spodoptera ornithogalli</i>	CADD0: Highland area, Shreveport	22-Aug-09	ROS
<i>Spodoptera ornithogalli</i> at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	23-Jul-13	SXA
<i>Elaphria festivoides</i>	CADD0: Eddie D. Jones Park, Shreveport	15-Apr-13	ROS
<i>Elaphria grata</i>	CADD0: Highland area, Shreveport	12-Apr-13	ROS
<i>Elaphria versicolor</i> at MV light;	East Baton Rouge: Baton Rouge, LSU campus;	08-Jul-13	SXA
<i>Galgula partita</i>	CADD0: Highland area, Shreveport	24-Feb-13	ROS
<i>Lithophane signosa</i>	BOSSIER: Filmore gas station on Hwy 157 N of I20 t	08-Mar-13	ROS
<i>Orthosia garmani</i>	CADD0: Highland area, Shreveport	21-Jan-13	ROS
<i>Orthosia hibisci</i>	CADD0: Highland area, Shreveport	25-Feb-13	ROS
<i>Himella fidelis</i>	BOSSIER: Filmore gas station on Hwy 157 N of I20 t	08-Mar-13	ROS
<i>Egira alternans</i>	BOSSIER: Filmore gas station on Hwy 157 N of I20 t	08-Mar-13	ROS
<i>Achatia distincta</i>	BOSSIER: Filmore gas station on Hwy 157 N of I20 t	08-Mar-13	ROS
<i>Morrisonia mucens</i>	BOSSIER: Filmore gas station on Hwy 157 N of I20 t	23-Mar-13	ROS
<i>Mythimna unipuncta</i>	CADD0: Highland area, Shreveport	26-Aug-09	ROS
<i>Lacinipolia erecta</i>	CADD0: Highland area, Shreveport	23-Apr-12	ROS
<i>Peridroma saucia</i>	CADD0: Highland area, Shreveport	16-Apr-13	ROS
<i>Anicla infecta</i>	CADD0: Highland area, Shreveport	15-Mar-13	ROS

<i>Feltia subterranea</i>	CADDO: Highland area, Shreveport	04-Mar-13	ROS
<i>Choephora fungorum</i>	ORLEANS: Westbank. New Orleans	18-Mar-13	ROS
EUTELIIDAE			
<i>Marathyssa basalis</i>	BOSSIER: Filmore gas station on Hwy 157 N of I20	08-Mar-13	ROS
NOLIDAE			
<i>Meganola minuscula</i>	BOSSIER: Filmore gas station on Hwy 157 N of I20	04-Feb-13	ROS
<i>Meganola spodia</i> resting under MV light;	East Baton Rouge: Baton Rouge, LSU campus;	10-Feb-13	SXA
<i>Nola cereella</i> at MV light;	East Baton Rouge: Baton Rouge;	01-Jul-13	SXA
<i>Baileya ophthalmica</i>	CADDO: Eddie D. Jones Park, Shreveport	15-Apr-13	ROS

MISSISSIPPI

Butterflies

HESPERIIDAE

<i>Nastra neamathla</i>	Jackson: Grand Bay NWR	01-Jul-12	23-Aug-12	CWM
<i>Nastra neamathla</i>	Picayune: Crosby Arboretum	04-Aug-12	24-Aug-12	CWM
<i>Polites themistocles</i>	Picayune: Crosby Arboretum	04-Aug-12	24-Aug-12	CWM
<i>Polites themistocles</i>	Jackson: Grand Bay NWR	23-Aug-12		CWM
<i>Atrytone arogos</i>	Picayune: Crosby Arboretum	04-Aug-12	24-Aug-12	CWM
<i>Oligoria maculata</i>	Jackson: Grand Bay NWR	23-Aug-12		CWM
<i>Oligoria maculata</i>	Picayune: Crosby Arboretum	24-Aug-12		CWM

NYMPHALIDAE

<i>Vanessa virginiensis</i>	Picayune: Crosby Arboretum	29-Nov-12		CWM
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Moths

EREBIDAE

<i>Catocala illecta</i>	WARREN: Vicksburg	05-Jun-13		RLP
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NOCTUIDAE

<i>Papaipema furcata</i>	Warren: Vicksburg	30-Oct-13		RLP
<i>Papaipema rutila</i>	Claiborne: Grand Gulf Nuclear Station	31-Oct-13		RLP
<i>Papaipema</i> new sp. 4 First specimen of new species #5 ever collected per Eric Quinter.	WARREN: Bovina	11-Oct-72		BM
<i>Papaipema</i> new sp. 4	Claiborne: Grand Gulf Nuclear Station	07-Nov-11		RLP
<i>Papaipema</i> new sp. 5 Second specimen from MS.	LEE: Natchez Trace Pkwy, Chiwapa Creek, mi. mk. 253.1	27-Sep-13		RLP
<i>Papaipema</i> new sp. 4	Warren: Vicksburg	07-Nov-13		RLP

NORTH CAROLINA

Butterflies

LYCAENIDAE

<i>Satyrrium calanus</i>	Cabarrus: Concord	15-Jun-13		DW2
<i>Satyrrium titus</i>	Cabarrus: Concord	19-Jun-13		DW2

Moths

CRAMBIDAE

<i>Desmia maculalis</i>	Cabarrus: Concord	29-Apr-13	16-Sep-13	DW2
<i>Perispasta caeculalis</i>	Cabarrus: Concord	05-May-13		DW2

PYRALIDAE

<i>Pococera militella</i>	Cabarrus: Concord	12-Jun-13	20-Aug-13	DW2
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TORTRICIDAE

<i>Choristoneura pinus</i>	Cabarrus: Concord	06-May-13		DW2
<i>Platynota idaeusalis</i>	Cabarrus: Concord	05-May-13		DW2

GEOMETRIDAE

<i>Macaria pustularia</i>	Cabarrus: Concord	10-Jun-13	23-Jul-13	DW2
<i>Digrammia gnophosaria</i>	Cabarrus: Concord	16-May-13	24-Aug-13	DW2
<i>Mellilla xanthometata</i>	Cabarrus: Concord	14-May-13	14-Oct-13	DW2
<i>Glenoides texanaria</i>	Cabarrus: Concord	13-May-13	14-Oct-13	DW2
<i>Glena cribrataria</i>	Cabarrus: Concord	16-May-13		DW2
<i>Melanolophia signataria</i>	Cabarrus: Concord	08-May-13	22-Sep-13	DW2
<i>Hypagyrtis esther</i>	Cabarrus: Concord	24-Apr-13	14-Oct-13	DW2
<i>Ennomos subsignaria</i>	Cabarrus: Concord	10-Jul-13	16-Aug-13	DW2

<i>Nemoria bistriaria</i>	Cabarrus: Concord	01-Apr-13		DW2
<i>Nemoria rubrifrontaria</i>	Cabarrus: Concord	11-May-13	20-Aug-13	DW2
<i>Dichorda iridaria</i>	Cabarrus: Concord	06-May-13	20-May-13	DW2
<i>Idaea furciferata</i>	Cabarrus: Concord	10-Jun-13	20-Aug-13	DW2
<i>Pleuroprucha insulsaria</i>	Cabarrus: Concord	20-May-13	10-Oct-13	DW2
<i>Scopula inductata</i>	Cabarrus: Concord	06-May-13	20-Aug-13	DW2
<i>Lophosis labeculata</i>	Cabarrus: Concord	16-May-13	20-Sep-13	DW2
<i>Anticlea multiferata</i>	Cabarrus: Concord	05-May-13		DW2
<i>Eupithecia peckorum</i>	Cabarrus: Concord	02-May-13	04-May-13	DW2
<i>Eupithecia swettii</i>	Cabarrus: Concord	30-Mar-13	01-Apr-13	DW2
LASIOCAMPIDAE				
<i>Tolype notialis</i>	Cabarrus: Concord	10-Jun-13	13-Oct-13	DW2
<i>Heteropacha rileyana</i>	Cabarrus: Concord	30-Mar-13	16-Aug-13	DW2
SATURNIIDAE				
<i>Sphingicampa bisecta</i>	Cabarrus: Concord	10-May-13		DW2
SPHINGIDAE				
<i>Paratreia plebeja</i>	Cabarrus: Concord	10-Jun-13	16-Aug-13	DW2
<i>Smerinthus jamaicensis</i>	Cabarrus: Concord	04-May-13	07-May-13	DW2
NOTODONTIDAE				
<i>Peridea ferruginea</i>	Cabarrus: Concord	06-May-13	24-Aug-13	DW2
EREBIDAE				
<i>Clemensia albata</i>	Cabarrus: Concord	06-May-13	07-May-13	DW2
<i>Crambidia pallida</i>	Cabarrus: Concord	15-May-13	16-Aug-13	DW2
<i>Virbia laeta</i>	Cabarrus: Concord	08-May-13	10-Aug-13	DW2
<i>Apantesis carlotta</i>	Cabarrus: Concord	08-May-13	20-Jun-13	DW2
<i>Dasychira atrivenosa</i>	Cabarrus: Concord	20-Aug-13		DW2
<i>Dasychira manto</i>	Cabarrus: Concord	16-May-13	20-Sep-13	DW2
<i>Orgyia leucostigma</i>	Cabarrus: Concord	10-May-13	20-Sep-13	DW2
<i>Metalectra tantillus</i>	Cabarrus: Concord	10-Jun-13	20-Aug-13	DW2
<i>Quandara brauneata</i>	Cabarrus: Concord	08-May-13	14-Oct-13	DW2
<i>Zanclognatha cruralis</i>	Cabarrus: Concord	01-Apr-13		DW2
<i>Zanclognatha obscuripennis</i>	Cabarrus: Concord	06-May-13	20-Aug-13	DW2
<i>Hypena abalienalis</i>	Cabarrus: Concord	12-May-13	20-Aug-13	DW2
<i>Hypena edictalis</i>	Cabarrus: Concord	16-May-13	21-Aug-13	DW2
<i>Hypena palparia</i>	Cabarrus: Concord	18-May-13	19-Aug-13	DW2
<i>Spargaloma sexpunctata</i>	Cabarrus: Concord	12-May-13	17-Sep-13	DW2
<i>Arugisa latiorella</i>	Cabarrus: Concord	10-May-13	20-Sep-13	DW2
<i>Amolita obliqua</i>	Cabarrus: Concord	17-Jul-13	17-Aug-13	DW2
<i>Anomis erosa</i>	Cabarrus: Concord	18-Sep-13		DW2
<i>Anomis flava</i>	Cabarrus: Concord	12-Oct-13		DW2
<i>Dinumma deponens</i> State record	CABARRUS: Concord	18-Jul-13	14-Aug-13	DW2
<i>Dinumma deponens</i> STATE record	CABARRUS: 2.6 mi. ESE from Concord	20-Jul-13	13-Aug-13	DW2
<i>Melipotis jucunda</i>	Cabarrus: Concord	17-Jul-13		DW2
<i>Selenisa sueroides</i> State record	CABARRUS: Concord	09-Oct-13		DW2
<i>Zale curema</i>	Cabarrus: Concord	20-May-13		DW2
<i>Zale helata</i>	Cabarrus: Concord	05-May-13	20-Jun-13	DW2
<i>Zale metata</i>	Cabarrus: Concord	10-Jun-13	20-Aug-13	DW2
<i>Zale submediana</i>	Cabarrus: Concord	19-May-13		DW2
<i>Catocala neogama</i>	Cabarrus: Concord	20-Jul-13	10-Oct-13	DW2
NOCTUIDAE				
<i>Argyrogramma verruca</i>	Cabarrus: Concord	20-Aug-13	15-Sep-13	DW2
<i>Rachiplusia ou</i>	Cabarrus: Concord	12-Aug-13	21-Sep-13	DW2
<i>Autographa bimaculata</i>	Cabarrus: Concord	21-Jul-13	20-Sep-13	DW2
<i>Hyperstrotia secta</i>	Cabarrus: Concord	12-May-13	10-Aug-13	DW2
<i>Hyperstrotia villificans</i>	Cabarrus: Concord	09-May-13	11-Aug-13	DW2
<i>Acronicta hastulifera</i>	Cabarrus: Concord	15-Jun-13	23-Aug-13	DW2
<i>Heliopsis subflexa</i>	Cabarrus: Concord	16-Jul-13	17-Aug-13	DW2

Condica cupentia	Cabarrus: Concord	20-Aug-13		DW2
Condica sutor	Cabarrus: Concord	12-May-13	25-Sep-13	DW2
Pseudeustrotia carneola	Cabarrus: Concord	17-May-13	19-Aug-13	DW2
Spodoptera latifascia	Cabarrus: Concord	14-Jul-13	20-Aug-13	DW2
Hyppa xylinoides	Cabarrus: Concord	20-May-13	18-Aug-13	DW2
Apamea cariosa	Cabarrus: Concord	18-Jul-13		DW2
Apamea lignicolora	Cabarrus: Concord	20-Jul-13	21-Aug-13	DW2
Lithophane viridipallens	Cabarrus: Concord	30-Mar-13		DW2
Polia detracta	Cabarrus: Concord	20-Jun-13	18-Aug-13	DW2
Lacinipolia meditata	Cabarrus: Concord	22-Sep-13		DW2
Orthodes cynica	Cabarrus: Concord	17-Jun-13	12-Aug-13	DW2
Euxoa tessellata	Cabarrus: Concord	13-Jun-13	15-Aug-13	DW2
Agnorisma bollii	Cabarrus: Concord	09-Oct-13	14-Oct-13	DW2
Protolampra brunneicollis	Cabarrus: Concord	10-Jun-13	10-Oct-13	DW2
NOLIDAE				
Nola triquetrana	Cabarrus: Concord	06-May-13		DW2

SOUTH CAROLINA

Butterflies

HESPERIIDAE

Achalarus lyciades	SALUDA: FS Rd. 591, Long Cane District, Sumter NF	30-May-13		DMF
Thorybes pylades	MCCORMICK: Below Dam	05-Aug-13		EHA
Thorybes pylades	FAIRFIELD: Rochelle Creek Rd, Ridgeway	31-Aug-13		DMK
Erynnis baptisiae	FAIRFIELD: Rochelle Creek Rd, Ridgeway	31-Aug-13		DMK
Erynnis baptisiae	ORANGEBURG: Methodist Oaks	07-Sep-13		DMF
photo record, laying eggs on Baptisia				
Erynnis juvenalis	MCCORMICK: 384 Power Plant Rd., Clarks Hill SC 29821	07-Mar-12		EHA
Erynnis zarucco	NEWBERRY: Cromer Rd, Enoree District, Sumter NF	09-Jul-13		DMF
Erynnis zarucco	EDGEFIELD: Lick Fork Rec. Area, Long Cane Dist., Sumter NF	06-Sep-13		IRP
Pyrgus oileus	AIKEN: Silver Bluffs Audubon Sanctuary	21-Sep-13		EHA
Pyrgus oileus	Aiken: North Augusta	28-Sep-13		LS
Pyrgus oileus	SALUDA: Blackjack Oak Savannah, Long Cane Dist. Sumter NF	13-Oct-13		FW
Amblyscirtes hegon	EDGEFIELD: Dry Branch Rd, Long Cane District, Sumter NF	16-May-13		DMF
Lerodea eufala	MCCORMICK: St. Johns Methodist lease, Lake Thurmond	14-Aug-13		EHA
Lerodea eufala	LANCASTER: 40 Acre Rock HP	26-Aug-13		IRP
Nastra lherminier	SALUDA: FS Rd. 591, Long Cane District, Sumter NF	30-May-13		DMF
Nastra lherminier	LAURENS: Enoree ORV area, Sumter NF	20-Sep-13		IRP
photo record, mating				
Copaeodes minima	MCCORMICK: 384 Power Plant Rd., Clarks Hill SC 29821	15-May-12		EHA
Copaeodes minima	FAIRFIELD: Rochelle Creek Rd, Ridgeway	31-Aug-13		DMK
Copaeodes minima	NEWBERRY: Brazelman Bridge Rd	20-Sep-13		IRP
Hylephila phyleus	YORK: Blackjack Oak HP	21-Sep-13		DMF
Polites origenes	SALUDA: FS Rd. 591, Long Cane District, Sumter NF	30-May-13		DMF
Polites origenes	FAIRFIELD: Rochelle Creek Rd, Ridgeway	31-Aug-13		DMK
Wallengrenia otho	SALUDA: FS Rd. 591, Long Cane District, Sumter NF	30-May-13		DMF
Wallengrenia otho	FAIRFIELD: Rochelle Creek Rd, Ridgeway	31-Aug-13		DMK
Pompeius verna	FAIRFIELD: Rochelle Creek Rd, Ridgeway	31-Aug-13		DMK
Problema byssus	CHESTERFIELD: Carolina Sandhills NWR	25-Aug-13		IRP
Problema byssus	FAIRFIELD: Rochelle Creek Rd, Ridgeway	31-Aug-13		DMK
Problema byssus	EDGEFIELD: Lick Fork Rec. Area, Long Cane Dist., Sumter NF	06-Sep-13		IRP
Problema byssus	CALHOUN: Wise Rd below Ft. Motte towards the river	14-Sep-13		DMF
Problema byssus	YORK: Blackjack Oak HP	21-Sep-13		DMK
Poanes viator	ORANGEBURG: Indian Bluff Park	24-Oct-13		DMF
Poanes yehl	LEXINGTON: Shealy's Pond HP	04-Sep-13		IRP
Poanes yehl	MCCORMICK: FS Rd. 547 Long Cane District, Sumter NF	27-Sep-13		RWI
Oligoria maculata	FAIRFIELD: Rochelle Creek Rd, Ridgeway	31-Aug-13		DMK
Panoquina ocola	ABBEVILLE: FS Rd 505 Long Cane District, Sumter NF	10-Oct-13		DMF
sight record, seen by R. Wilson & D. Forsythe				
Panoquina ocola	MCCORMICK: below dam SC Park	23-Oct-13		EHA
photo record, on H. amplexicaulis				

PAPILIONIDAE

Eurytides marcellus	WILLIAMSBURG: Wee Tee State Forest	24-Apr-13	RS1
Papilio crespontes	GREENWOOD: 100 Hickory Lane, Ninety Six	22-Aug-10	FW
Papilio crespontes	AIKEN: Silver Bluffs Audubon Sanctuary	21-Sep-13	EHA

PIERIDAE

Pontia protodice	HORRY: Myrtle Beach SP, Shelter B3 meadow	08-Jun-13	RIL
Ascia monuste	Charleston: Kiawah Island	28-Sep-13	NAD
Ascia monuste	HORRY: Myrtle Beach SP, Shelter B3 meadow	15-Nov-13	RIL
Ascia monuste	Charleston: James Island, Wampler Ave.	19-Nov-13	DMF
Pieris rapae	SALUDA: 2 mi NW Batesburg-Leeville on Hy 178	30-May-13	BGS
Anthocharis midea	GREENWOOD: Henley Creek Floodplain, 96 Nat. Hist.Site	20-Apr-13	FW
Nathalis iole	HORRY: Myrtle Beach SP, Shelter B3 meadow	17-Oct-13	RIL

LYCAENIDAE

Atlides halesus	MCCORMICK: 384 Power Plant Rd., Clarks Hill SC 29821	09-Oct-12	EHA
Atlides halesus	LANCASTER: 40 Acre Rock HP	26-Aug-13	IRP
Satyrium calanus photo record, on privet	MCCORMICK: 384 Power Plant Rd., Clarks Hill SC 29821	30-Apr-12	EHA
Satyrium favonius photo record, on privet	MCCORMICK: 384 Power Plant Rd., Clarks Hill SC 29821	26-Apr-12	EHA
Satyrium liparops	MCCORMICK: 384 Power Plant Rd., Clarks Hill SC 29821	10-May-12	EHA
Callophrys henrici	GREENVILLE: Hogback Mt. Rd	26-Apr-13	DA3
Callophrys hesseli photo record, first record since 1990s	LEXINGTON: Shealy's Pond HP	12-Aug-13	IRP
Parrhasius m-album	ORANGEBURG: Albemarle Corp	07-Sep-13	DMK
Brephidium pseudofea	HORRY: Myrtle Beach SP, Shelter B3 meadow	17-Oct-13	RIL
Celastrina ladon	CHESTERFIELD: Juniper Creek and Society Hill Rd, Cheraw SP	11-Apr-13	BGS
Hemiargus ceraunus	CALHOUN: Congaree Bluffs HP	14-Sep-13	DMF

NYMPHALIDAE

Danaus gilippus	Charleston: Kiawah Island	28-Sep-13	NAD
Lethe anthedon	GREENWOOD: Ninety Six National Historic Site	25-Jul-13	FW
Lethe appalachia	EDGEFIELD: Lick Fork Rec. Area, Long Cane Dist., Sumter NF	06-Sep-13	IRP
Lethe appalachia	YORK: Blackjack Oak HP	21-Sep-13	DMK
Lethe creola	MCCORMICK: 384 Power Plant Rd., Clarks Hill SC 29821	08-Sep-11	EHA
Lethe creola	MCCORMICK: Stevens Creek Trail	26-Jul-13	EHA
Cercyonis pegala	GREENWOOD: 96 Nat. Hist. Site	12-Jul-13	FW
Cyllopsis gemma	GREENWOOD: Ninety Six NHS	18-Aug-13	FW
Cyllopsis gemma photo record, in sedges	GREENWOOD: flood plain of Henley Creek, Ninety Six NHS	29-Oct-13	FW
Neonympha helicta	CHESTERFIELD: Oxpen Lake, Carolina Sandhills NWR	15-Jun-13	SHA
Agraulis vanillae sight record, seen by R. Wilson & D. Forsythe	ABBEVILLE: FS Rd 505 Long Cane District, Sumter NF	10-Oct-13	DMF
Dryas iulia sight record, worn female	CHARLESTON: Charles Towne Landing SHS	16-Oct-13	DMF
Heliconius charithonia	Charleston: Kiawah Island	28-Sep-13	NAD
Heliconius charithonia	Aiken: North Augusta	28-Sep-13	LS
Heliconius charithonia	RICHLAND: Blythwood	27-Oct-13	DMK
Heliconius charithonia	EDGEFIELD: 1 mi SE of Hy 28 on Steven's Creek	31-Oct-13	TPR
Heliconius charithonia	MCCORMICK: 384 Power Plant Rd, Clark Hill	18-Nov-13	EHA
Speyeria cybele	FAIRFIELD: Weir Creek just N of crossing Banks Weir Rd	08-Jun-12	DHI
Asterocampa clyton	MCCORMICK: 384 Power Plant Rd., Clarks Hill SC 29821	17-Jun-13	EHA
Asterocampa clyton	LANCASTER: 40 Acre Rock HP	26-Aug-13	IRP
Asterocampa clyton	FAIRFIELD: Rochelle Creek Rd, Ridgeway	31-Aug-13	DMK
Vanessa virginiensis sight record, seen by R. Wilson & D. Forsythe	ABBEVILLE: FS Rd 505 Long Cane District, Sumter NF	10-Oct-13	DMF
Anartia jatrophae laying eggs on fog fruit	Charleston: Battery Landing	15-Sep-13	DMF
Anartia jatrophae	Charleston: Kiawah Island	28-Sep-13	NAD
Anthanassa texana photo record, on aster	MCCORMICK: FS Rd. 660E, Long Cane District, Sumter NF	10-Oct-12	EHA

Moths**OECOPHORIDAE**

<i>Inga cretacea</i>	Spartanburg: Inman	22-Jul-13	DA3
<i>Promalactis suzukiella</i>	Spartanburg: Inman	14-Jun-13	DA3
<i>Psilocorsis reflexella</i>	Spartanburg: Inman	22-Jul-13	DA3

PLUTELLIDAE

<i>Plutella xylostella</i>	Spartanburg: Inman	22-Jul-13	DA3
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YPONOMEUTIDAE

<i>Atteva aurea</i>	Spartanburg: Inman	22-Jul-13	DA3
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CRAMBIDAE

<i>Crambus praefectellus</i>	Spartanburg: Inman	22-Jul-13	DA3
<i>Desmia funeralis</i>	Spartanburg: Inman	22-Jul-13	DA3
<i>Diaphania costata</i> reidentified as <i>D. costata</i> by J. Hayden, State record	CHARLESTON: 710 New Market Dr., Mt. Pleasant	16-Sep-05	BGS
<i>Diaphania costata</i> reidentified as <i>D. costata</i> by J. Hayden	Charleston: 710 New Market Dr., Mt. Pleasant	29-Sep-08	BGS
<i>Diaphania costata</i> reidentified as <i>D. costata</i> by J. Hayden	RICHLAND: Congaree NP, visitor house	30-Sep-10	THT
<i>Diaphania costata</i>	Spartanburg: Inman	22-Jul-13	DA3
<i>Glaphyria sequistrialis</i>	Spartanburg: Inman	22-Jul-13	DA3
<i>Microcrambus elegans</i>	Spartanburg: Inman	31-May-13	DA3
<i>Microcrambus elegans</i>	Spartanburg: Inman	22-Jul-13	DA3
<i>Neohelviobotys neohelvialis</i>	Spartanburg: Inman	22-Jul-13	DA3
<i>Nomophila nearctica</i>	Spartanburg: Inman	22-Jul-13	DA3
<i>Palpita magniferalis</i>	Spartanburg: Inman	22-Jul-13	DA3
<i>Parapediasia decorella</i>	Spartanburg: Inman	13-Jun-13	DA3
<i>Parapediasia teterrella</i>	Spartanburg: Inman	22-Jul-13	DA3
<i>Pyrausta acronalis</i>	Spartanburg: Inman	13-Jun-13	DA3
<i>Pyrausta rubricalis</i>	Spartanburg: Inman	31-May-13	DA3
<i>Udea rubigalis</i>	Spartanburg: Inman	22-Jul-13	DA3
<i>Urola nivalis</i>	Spartanburg: Inman	22-Jul-13	DA3

PYRALIDAE

<i>Arta statalis</i>	Spartanburg: Inman	22-Jul-13	DA3
<i>Epipaschia superatalis</i>	Spartanburg: Inman	22-Jul-13	DA3

ZYGAENIDAE

<i>Harrisina americana</i>	Spartanburg: Inman	22-Jul-13	DA3
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LIMACODIDAE

<i>Tortricidia testacea</i>	Spartanburg: Inman	20-May-13	DA3
<i>Apoda biguttata</i>	Spartanburg: Inman	22-Jul-13	DA3
<i>Prolimacodes badia</i>	Spartanburg: Inman	30-Jun-13	DA3
<i>Parasa chloris</i>	Spartanburg: Inman	22-Jul-13	DA3

TORTRICIDAE

<i>Phaecasiophora niveiguttana</i>	Spartanburg: Inman	22-Jul-13	DA3
<i>Argyrotaenia floridana</i>	Spartanburg: Inman	22-Jul-13	DA3
<i>Ptycholoma peritana</i>	Spartanburg: Inman	22-Jul-13	DA3
<i>Cenopis reticulatana</i>	Spartanburg: Inman	22-Jul-13	DA3
<i>Platynota flavedana</i>	Spartanburg: Inman	10-May-13	DA3
<i>Platynota idaeusalis</i>	Spartanburg: Inman	01-Jun-13	DA3

GEOMETRIDAE

<i>Anavitrinella pampinaria</i>	Spartanburg: Inman	22-Jul-13	DA3
<i>Hypagyrtis unipunctata</i>	Spartanburg: Inman	22-Jul-13	DA3
<i>Xanthotype sospeta</i>	Spartanburg: Inman	20-May-13	DA3
<i>Probole amicaria</i>	Spartanburg: Inman	22-Jul-13	DA3
<i>Prochoerodes lineola</i>	Spartanburg: Inman	22-Jul-13	DA3
<i>Nemoria lixaria</i>	Spartanburg: Inman	22-Jul-13	DA3
<i>Pleuroprucha insulsaria</i>	Spartanburg: Inman	22-Jul-13	DA3
<i>Haematopis grataria</i>	Spartanburg: Inman	22-Jul-13	DA3
<i>Scopula limboundata</i>	Spartanburg: Inman	22-Jun-13	DA3
<i>Eulithis gracilineata</i>	Spartanburg: Inman	22-Jun-13	DA3
<i>Orthonama obstipata</i>	Spartanburg: Inman	31-May-13	DA3

<i>Eupithecia miserulata</i>	Spartanburg: Inman	22-Jul-13	DA3
SPHINGIDAE			
<i>Paonias myops</i>	Spartanburg: Inman	22-Jul-13	DA3
EREBIDAE			
<i>Spilosoma virginica</i>	Spartanburg: Inman	22-Jul-13	DA3
<i>Halysidota tessellaris</i>	Spartanburg: Inman	22-Jul-13	DA3
<i>Idia aemula</i>	Spartanburg: Inman	22-Jul-13	DA3
<i>Idia americalis</i>	Spartanburg: Inman	30-May-13	DA3
<i>Tetanolita mynesalis</i>	Spartanburg: Inman	22-Jul-13	DA3
<i>Palthis asopialis</i>	Spartanburg: Inman	22-Jul-13	DA3
<i>Hypena baltimoralis</i>	Spartanburg: Inman	29-Jun-13	DA3
<i>Hypena scabra</i>	Spartanburg: Inman	22-Jul-13	DA3
<i>Dinumma deponens</i> STATE record	GREENVILLE: Pleasantburg Dr. & Keith Dr., eastern Greenville	14-Jul-13	TMN
<i>Hypsoropha hormos</i>	Spartanburg: Inman	22-Jul-13	DA3
<i>Caenurgia chloropha</i>	Spartanburg: Inman	22-Jul-13	DA3
NOCTUIDAE			
<i>Marimatha nigrofimbria</i>	Spartanburg: Inman	22-Jul-13	DA3
<i>Cerma cerintha</i>	Spartanburg: Inman	22-Jul-13	DA3
<i>Acronicta hasta</i>	Spartanburg: Inman	22-Jul-13	DA3
<i>Acronicta modica</i>	Spartanburg: Inman	31-May-13	DA3
<i>Polygrammate hebraeicum</i>	Spartanburg: Inman	22-Jul-13	DA3
<i>Eudryas grata</i>	Spartanburg: Inman	04-Jun-13	DA3
<i>Phosphila miselioides</i>	Spartanburg: Inman	22-Jul-13	DA3
<i>Emarginea percara</i>	Spartanburg: Inman	22-Jul-13	DA3
<i>Spodoptera ornithogalli</i>	Spartanburg: Inman	22-Jul-13	DA3
<i>Elaphria grata</i>	Spartanburg: Inman	22-Jul-13	DA3

TENNESSEE

Moths

EREBIDAE

<i>Pangrapta decoralis</i> UV trap	Cannon: Thurston Young Rd.	28-Sep-13	DTA
<i>Arugisa lutea</i> UV trap	Rutherford: Factory Rd.	03-Aug-13	DTA
<i>Dinumma deponens</i> STATE record, photo record	KNOX: suburban NE part of county	11-Aug-13	AUH
<i>Ptichodis herbarum</i> UV trap	Rutherford: Bill France Blvd.	10-Apr-13	DTA

NOCTUIDAE

<i>Acronicta radcliffei</i> UV trap	Rutherford: Factory Rd.	03-Aug-13	DTA
<i>Heliothis subflexa</i> MV light	Davidson: Cane Ridge Rd.	31-Aug-13	DTA
<i>Schinia bina</i> MV light	Davidson: Cane Ridge Rd.	22-Apr-13	DTA
<i>Oligia mactata</i> UV trap	Cannon: Thurston Young Rd.	28-Sep-13	DTA
<i>Papaipema marginidens</i> UV trap	Cheatham: Beeler Rd. x Rt. 249	21-Sep-13	DTA
<i>Feltia geniculata</i> UV trap	Cannon: Thurston Young Rd.	28-Sep-13	DTA

VIRGINIA

Butterflies

PAPILIONIDAE

<i>Papilio glaucus</i>	Suffolk: Great Dismal Swamp NWR, Washington Ditch	26-Jul-13	JDS
<i>Papilio palamedes</i>	Suffolk: Great Dismal Swamp NWR, Washington Ditch	26-Jul-13	JDS

LYCAENIDAE

<i>Calycopis cecrops</i>	Fairfax: Chantilly	08-Sep-13	PT1
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NYMPHALIDAE

<i>Libytheana carinenta</i>	Fairfax: Chantilly	04-Jul-13	PT1
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Zone 10 Northeast

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

Coordinator: Mark J. Mello

Contributors Cited:

MA : Matthew Arey	RWB : Richard W. Boscoe	FXB : Fred Bower
SDL : Steven Daniel	RD : Robert Dirig	DXK : Robert Dirig & C. Klass
SF : Steve Fratello	KG : Karl R. Gardner	AG : Alex Grkovich
JHO : James Holmes	JTM : John T. MacRoy	GM : Gerald M. McWilliams
MJM : Mark J. Mello	MS : Michael Sabourin	JDS : John D. Schwartz
DKS : Donald K. Simonds	RHS : Richard H. Smith	

General Comments:

All contributors that made comments noted the decline or absence of Monarchs in 2013. Many also indicated that butterflies numbers seemed to be down from previous years. However, at least in southeastern Massachusetts many southern vagrants, or possibly newly arrived residents were noted. Sachems were particularly common along the coast, yet buckeyes and Painted Ladies were down in numbers

MAINE

Butterflies

HESPERIIDAE

Euphyes bimacula	Washington: Steuben	25-Jun-13	SDL
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PIERIDAE

Colias interior	Washington: Steuben	25-Jun-13	SDL
Colias interior	Washington: Harrington; Harrington Bog	06-Jul-13	AG

LYCAENIDAE

Lycaena epixanthe	York: Shapleigh	15-Jun-13	MA
Lycaena epixanthe phaedra	Washington: Harrington; Harrington Bog	06-Jul-13	12-Jul-13 AG
Satyrrium acadica	Knox: Camden; Camden Snow Bowl	12-Jul-13	MA
Satyrrium edwardsii	York: Shapleigh	13-Jul-13	MA
Callophrys lanoraieensis with M. Walker; common	Piscataquis: Fire Road 2 mi. N of Spencer Cove	03-Jun-13	AG
Glaucoopsyche lygdamus couperi with M. Walker; 1	Piscataquis: Fire Road 2 mi. N of Spencer Cove	03-Jun-13	AG
Plebejus idas empetri	Washington: Harrington; Harrington Bog	06-Jul-13	12-Jul-13 MA

NYMPHALIDAE

Coenonympha tullia inornata common; dark northern phenotype	Franklin: Sugarloaf Mountain Ski Area; elev. 2,000 - 3,200"	07-Jul-13	AG
Oeneis jutta	Washington: Harrington; Harrington Bog	12-Jul-13	MA
Oeneis jutta ascerta 30; with M. Walker	Penobscot: Alton Bog; Mile 196, I-95	03-Jun-13	AG
Speyeria atlantis	Franklin: Carrabassett Valley, Sugarloaf Mountain	07-Jul-13	AG
Speyeria cybele novascotiae	Franklin: Carrabassett Valley, Sugarloaf Mountain	07-Jul-13	AG
Speyeria cybele novascotiae 25	Knox: Camden; Camden Snow Bowl	12-Jul-13	MA
Limenitis arthemis banded and partially banded morphs	Sagadahoc: Bowdoin	15-Jun-13	MA
Limenitis arthemis several; at least resembling NW ssp rubrofasciata	Franklin: Carrabassett Valley, Sugarloaf Mountain	07-Jul-13	AG
Limenitis arthemis	Franklin: Sugarloaf Mountain Ski Area; elev. 3,000'	07-Jul-13	AG
Chlosyne harrisii	Washington: Steuben	25-Jun-13	SDL

MARYLAND

Butterflies

HESPERIIDAE

Thorybes bathyllus	Anne Arundal: Gambrills	02-Aug-13	JDS
Nastra Iherminier via Jim Brighton, Steve Collins, Tom_Feild, Bill Hubick	TALBOT: Pickering Creek Audubon Sanctuary	27-May-07	RHS

Poanes aaroni via Jim Brighton	QUEEN ANNES: Chesapeake Bay Environmental Center	25-Aug-12		RHS
Poanes zabulon	Anne Arundal: Gambrills	10-Aug-13		JDS
Euphyes dion via Annette Allor	ANNE ARUNDEL: Plummer House Garden, Glendening Preserve	01-Sep-13		RHS
Euphyes vestris via Jim Brighton, Steve Collins, Tom_Feild, Bill Hubick	QUEEN ANNES: Wye Island NRMA	27-May-07		RHS
PAPILIONIDAE				
Eurytides marcellus seen into August	Anne Arundal: Crofton; along forest trail near Patuxent River	16-Apr-13	02-Aug-13	JDS
Eurytides marcellus	Anne Arundal: Gambrills	24-Apr-13		JDS
Eurytides marcellus second brood emergence from chrysalis	Anne Arundal: Crofton	10-Jun-13		JDS
Battus philenor via Dave Amadio, Chris Herz, Denise Bittle	KENT: Eastern Neck NWR	16-Aug-13		RHS
Papilio glaucus	Anne Arundal: Gambrills	21-Apr-13		JDS
Papilio glaucus 4th instar larva on Prunus serotina (black cherry)	Prince Georges: near Upper Marlboro; Merkel Wildlife Refuge	08-Oct-13		JDS
Papilio polyxenes larvae on parsley	Anne Arundal: Crofton	23-Jul-13		JDS
Papilio troilus	Anne Arundal: Gambrills	25-May-13		JDS
Papilio troilus male emerges from chrysalis	Anne Arundal: Crofton	04-Jul-13		JDS
Papilio troilus abundant; nectaring on Asclepias tuberosa (Orange milkweed)	Prince Georges: near Upper Marlboro; Merkel Wildlife Refuge	04-Aug-13		JDS
PIERIDAE				
Anthocharis midea	Prince Georges: near Upper Marlboro; Merkel Wildlife Refuge	13-Apr-13		JDS
Anthocharis midea	Anne Arundal: Crofton	13-Apr-13		JDS
Phoebis sennae	Prince Georges: near Upper Marlboro; Merkel Wildlife Refuge	02-Sep-13		JDS
Abaeis nicippe ovipositing on senna	Anne Arundal: Gambrills	12-Aug-13		JDS
LYCAENIDAE				
Feniseca tarquinius via Phil Kean; Rare in MD	Anne Arundal: Harlem Lane, Pasadena	20-Aug-13		RHS
Atlides halesus via Lynn Davidson, Hal Wierenga, Sue Ricciardi	WICOMICO: Nassawango Cr., Wango	28-Jul-12		RHS
Atlides halesus via Patty Craig; Second record in county	St. Mary's: Dameron	20-Jun-13		RHS
Atlides halesus via Patty Craig; Third record in county	St. Mary's: Dameron	21-Jul-13		RHS
Callophrys henrici via Jim Brighton, Tom_Feild, Bill Hubick, Lance Biechele	QUEEN ANNES: Chino Farms Grasslands Plantation	27-Apr-13		RHS
Cupido comyntas	Anne Arundal: Crofton	18-May-13		JDS
NYMPHALIDAE				
Danaus plexippus mature larvae	Prince Georges: near Upper Marlboro; Merkel Wildlife Refuge	02-Sep-13		JDS
Euptoieta claudia	Prince Georges: near Upper Marlboro; Merkel Wildlife Refuge	02-Sep-13		JDS
Speyeria cybele on thistle; abundant from June on	Anne Arundal: Gambrills	31-Aug-13		JDS
Limenitis archippus	Anne Arundal: Gambrills	19-Aug-13		JDS
Limenitis arthemis via Bob Gardner; Fully banded	BALTIMORE: White Marsh	19-Aug-13		RHS
Limenitis arthemis astyanax including larvae on prunus serotina (Black Cherry)	Anne Arundal: Gambrills	22-May-13	20-Jul-13	JDS
Vanessa cardui via Bonnie Ott; Very late date; flight direction not observed	Howard: Woodstock	08-Nov-13		RHS
Polygonia interrogationis	Anne Arundal: Gambrills	07-Sep-13		JDS
Chlosyne nycteis via Annette Allor; Over 50 specimens seen. Rare in Howard County before 2013; evidently an irruption this year	Howard: Middle Patuxent Environmental Area	23-Jul-13		RHS
Moths				
SATURNIIDAE				
Antheraea polyphemus mature larva on hazelnut	Anne Arundal: Gambrills	11-Aug-13		JDS
Actias luna mature larva; parasites emerged on Sept. 2	Anne Arundal: Crofton	30-Jul-13		JDS
Actias luna	Anne Arundal: Crofton	10-Aug-13		JDS

Callosamia angulifera	Anne Arundal: Crofton	30-Jul-13	JDS
4th instar larva on tulip tree; more seen over several weeks			
Callosamia promethea	Anne Arundal: Gambrills	20-May-13	JDS
Hyalophora cecropia	Anne Arundal: Crofton	29-May-13	02-Jun-13 JDS
including males attracted by calling reared females			
SPHINGIDAE			
Eumorpha pandorus	Anne Arundal: Gambrills	01-Sep-13	JDS
at light			
Amphion floridensis	Anne Arundal: Gambrills	10-May-13	JDS
in copula			

MASSACHUSETTS

Butterflies

HESPERIIDAE

Atalopedes campestris	Bristol: Dartmouth; Lloyd Center Slocum River Reserve	21-Jul-13	21-Oct-13	MJM
also K. Keegan; occurring almost daily in Lloyd Center butterfly garden; max. of 50+ at Sylvan Nursery				
Atalopedes campestris	Essex: Ipswich	20-Sep-13		MA
Anatrytone logan	Bristol: Raynham	07-Sep-13		MA
Poanes zabulon	Bristol: Dartmouth; Lloyd Center; Slocum River Res	28-May-13	11-Sep-13	MJM
also K. Keegan; occurring almost daily in Lloyd Center butterfly garden; max. of 24 at Slocum River Res.				
Poanes zabulon	Essex: Newbury; Martin Burns WMA	15-Jun-13		MA
Poanes zabulon	Plymouth: Mattapoisett; Nasketucket SR	18-Aug-13		AG
with M. Arey; abundant				

PAPILIONIDAE

Battus philenor	Essex: Newbury; Martin Burns WMA	15-Jun-13		MA
Battus philenor	Bristol: Dartmouth; Lloyd Center for the Environment	03-Oct-13		MJM
nectaring on Buddleia				
Papilio cresphontes	Berkshire: Sheffield	27-Jul-13		AG
with M. Arey and G. Morrell				
Papilio cresphontes	Plymouth: Mattapoisett; Nasketucket SR	04-Aug-13		MA
Papilio cresphontes	Essex: Wenham; Wenham Canal	10-Aug-13		MA
Papilio cresphontes	Bristol: Dartmouth; Lloyd Center for the Environment	12-Aug-13	25-Aug-13	MJM
nectaring on Buddleia				
Papilio cresphontes	Plymouth: Mattapoisett; Nasketucket SR	15-Aug-13		AG
Papilio cresphontes	Essex: Saugus; Breakheart SR	06-Sep-13		AG
Papilio polyxenes asterius	Essex: Newbury; hilltopping	15-May-13		AG
with M. Arey; small males with char. Of brevicauda				

PIERIDAE

Zerene cesonia	Bristol: Raynham	07-Sep-13		MA
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LYCAENIDAE

Callophrys hesseli	Bristol: New Bedford; Acushnet Cedar Swamp State Res.	17-May-13	27-May-13	MJM
one on each date; in wetlands restoration site				
Calycopis cecrops	Plymouth: Mattapoisett; Nasketucket SR	04-Aug-13		MA
Calycopis cecrops	BRISTOL: Dartmouth; Slocums River Reserve	07-Aug-13	23-Sep-13	MJM
via K. Keegan; one on each date				
Calycopis cecrops	Washington: South Kingstown; Great Swamp WMA	01-Sep-13		MA
Parrhasius m-album	Plymouth: Mattapoisett; Nasketucket SR	04-Aug-13	18-Aug-13	MA
total of 38 between M. Arey & A Grkovich				
Parrhasius m-album	Essex: Ipswich	04-Sep-13		MA
Parrhasius m-album	Plymouth: Mattapoisett	07-Sep-13		MA

NYMPHALIDAE

Boloria selene	Plymouth: Mattapoisett; Nasketucket SR	15-Aug-13		AG
very large male with bright orange ground color				
Limnitis archippus	Plymouth: Mattapoisett; Nasketucket SR	15-Aug-13		AG
very dark reddish-brown FW, lighter HW suggestive of ssp. "watsonii"				
Limnitis arthemis	Berkshire: Sheffield	27-Jul-13		AG
with M. Arey and G. Morrell; partially banded morphs				
Limnitis arthemis	Essex: Saugus; Breakheart SR	31-Jul-13		AG
partially banded morph				
Asterocampa clyton	Berkshire: Sheffield	27-Jul-13		AG
with M. Arey and G. Morrell; 3, including light phenotype				

Moths

GEOMETRIDAE

<i>Glenoides texanaria</i> mercury vapor trap	BRISTOL: Dartmouth; Lloyd Center for the Environment	18-Jul-13	16-Oct-13	MJM
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NOTODONTIDAE

<i>Schizura apicalis</i> portable uv trap	Essex: Rockport; Halibut Point	26-Jun-13		MJM
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EREBIDAE

<i>Ascalapha odorata</i> portable uv trap	Essex: Rockport; Halibut Point	09-Jul-13		MJM
<i>Argyrostromis anilis</i> portable uv trap; max. of 21 on 6/26	Essex: Rockport; Halibut Point	12-Jun-13	16-Jul-13	MJM
<i>Zale curema</i> portable uv trap	Essex: Gloucester; Thompson Street Reserve & Mt. Ann Park	07-May-13	12-Jun-13	MJM
<i>Zale submediana</i> portable uv trap	ESSEX: Gloucester; Thompson Street Reserve	20-May-13		MJM
<i>Catocala badia</i> portable uv trap	ESSEX: Rockport; Halibut Point	12-Aug-13		MJM
<i>Catocala jair</i> portable uv trap. Undescribed species "near jair"	ESSEX: Rockport; Halibut Point	16-Jul-13	10-Sep-13	MJM
<i>Catocala muliercula</i> portable uv trap	ESSEX: Rockport; Halibut Point	10-Sep-13		MJM
<i>Catocala piatrix</i> portable uv trap	ESSEX: Rockport; Halibut Point	30-Jul-13		MJM
<i>Catocala serena</i> portable uv trap	ESSEX: Rockport; Halibut Point	10-Sep-13		MJM

NOCTUIDAE

<i>Exyra fax</i> portable uv trap	ESSEX: Rockport; Briar Swamp, Dogtown Commons	12-Aug-13		MJM
<i>Lepipolys perscripta</i> portable uv trap	ESSEX: Gloucester; Mt. Ann Park	20-May-13		MJM
<i>Sympistis dentata</i> portable uv trap	Essex: Gloucester; Thompson Street Reserve	16-Jul-13		MJM
<i>Sympistis riparia</i> portable uv trap	Essex: Gloucester; Good Harbor Beach	26-Jun-13		MJM
<i>Papaipema stenocelis</i> portable uv trap	ESSEX: Rockport; Briar Swamp, Dogtown Commons	10-Sep-13		MJM
<i>Lithophane viridipallens</i> portable uv trap	ESSEX: Gloucester; Ravenswood Park	07-May-13		MJM
<i>Chaetagnaea cerata</i> portable uv trap	ESSEX: Rockport; Halibut Point	16-Oct-13		MJM
<i>Chaetagnaea tremula</i> portable uv trap	Essex: Rockport; Halibut Point	02-Oct-13		MJM
<i>Sideridis congermana</i> portable uv trap	Essex: Rockport; Halibut Point	09-Jul-13		MJM
<i>Sideridis maryx</i> portable uv trap	ESSEX: Rockport; Halibut Point	26-Jun-13		MJM
<i>Lacinipolia teligera</i> portable uv trap	Essex: Gloucester; Thompson Street Reserve	10-Sep-13	02-Oct-13	MJM
<i>Lacinipolia teligera</i> portable uv trap	Essex: Rockport; Halibut Point	10-Sep-13		MJM
<i>Diarsia rubifera</i> portable uv trap	ESSEX: Rockport; Briar Swamp, Dogtown Commons	12-Aug-13		MJM

NEW HAMPSHIRE

Butterflies

LYCAENIDAE

<i>Glaucopsyche lygdamus couperi</i>	Grafton: Mt. Tecumseh; Waterville Ski Area; elev. 2,000'	15-Jun-13		AG
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NYMPHALIDAE

<i>Coenonympha tullia inornata</i>	Coos: Mt. Washington; 4,700'	15-Jul-13		AG
<i>Asterocampa clyton</i>	GRAFTON: Haverhill	27-Jul-13		JHO

NEW JERSEY

Moths**SATURNIIDAE**

<i>Eacles imperialis</i>	Warren: Harmony Township	07-Jul-13	DKS
<i>Citheronia regalis</i>	Warren: Harmony Township	07-Jul-13	DKS

NEW YORK

Butterflies**HESPERIIDAE**

<i>Epargyreus clarus</i> late inland record	Tompkins: Comfort Rd., S. of Ithaca	15-Oct-13	DXK
<i>Erynnis icelus</i>	Jefferson: Chaumont	21-May-13	SDL
<i>Erynnis icelus</i>	Allegany: Allegany State Park	02-Jun-13	SDL
<i>Erynnis lucilius</i>	Jefferson: Chaumont	21-May-13	SDL
<i>Amblyscirtes hegon</i>	Allegany: Allegany State Park	30-May-13	02-Jun-13 SDL
<i>Amblyscirtes vialis</i>	Jefferson: Chaumont	21-May-13	SDL
<i>Ancyloxypha numitor</i>	Delaware: Hancock Town, French Woods, edge of pond	18-Aug-13	RD
<i>Ancyloxypha numitor</i>	Schuyler: Queen Catharine Marsh near Montour Falls	21-Oct-13	DXK
<i>Hesperia leonardus</i>	St. Lawrence: Allen Pond	07-Sep-13	SDL
<i>Polites mystic</i>	Franklin: Bloomingdale Bog	04-May-13	SDL
<i>Anatrytone logan</i> mates pair; 1:50 P.M.; male flew	Tompkins: McLean Bogs Preserve	06-Jul-13	RD
<i>Anatrytone logan</i> adults in huge alkaline marsh	Schuyler: Rock Cabin Rd. near Montour Falls	09-Jul-13	DXK
<i>Euphyes dion</i> fresh male	Tompkins: McLean Bogs Preserve	06-Jul-13	RD
<i>Euphyes vestris</i> nectaring on <i>Asclepias incarnata</i>	Niagara: Lockport; Neden Lane	11-Jul-13	FXB

PAPILIONIDAE

<i>Battus philenor</i> nectaring on coneflower	Cattaraugus: Olean; 1278 Kamery Rd.	18-Jul-13	JTM
<i>Papilio cressphontes</i> first of season; via K. Edelstein	Tompkins: Lansing, Salmon Creek Rd.	01-Jun-13	RD
<i>Papilio cressphontes</i>	Schuyler: Rock Cabin Rd. near Montour Falls	20-Aug-13	DXK
<i>Papilio cressphontes</i> via B. Grosek	Broome: Binghamton; Airport Rd.	28-Aug-13	RD
<i>Papilio cressphontes</i>	Tompkins: Ithaca	29-Aug-13	01-Sep-13 RD
<i>Papilio cressphontes</i> 1 flying around <i>Zanthoxylum americanum</i> ; via Rodney Dirig	Delaware: Wells Bridge	31-Aug-13	RD
<i>Papilio cressphontes</i> contributor's first sighting on Long Island	Suffolk: Huntington Station	11-Sep-13	SF
<i>Papilio cressphontes</i> final instar larva	St. Lawrence: Edwards	30-Sep-13	SDL

PIERIDAE

<i>Pieris rapae</i> caught by large robber fly (<i>Asilidae</i>)	Schuyler: Rock Cabin Rd. near Montour Falls	09-Jul-13	DXK
<i>Pieris virginiensis</i> nectaring on <i>Viola canadensis</i>	St. Lawrence: Hermon	20-May-13	SDL
<i>Pieris virginiensis</i>	Allegany: Allegany State Park	30-May-13	02-Jun-13 SDL
<i>Colias interior</i> nectaring on <i>Kalmia angustifolia</i>	Franklin: Bloomingdale Bog	30-Jun-13	SDL

LYCAENIDAE

<i>Feniseca tarquinius</i>	Franklin: Bloomingdale Bog	04-May-13	SDL
<i>Feniseca tarquinius</i>	Allegany: Allegany State Park	31-May-13	SDL
<i>Lycaena hyllus</i>	Schuyler: Rock Cabin Rd. near Montour Falls	09-Oct-13	RD
<i>Lycaena phlaeas</i> unusual at site	Tompkins: McLean Bogs Preserve	16-Aug-13	RD
<i>Satyrrium acadica</i>	Niagara: Lockport; Niagara St. hill, Gulf area	26-Jun-13	FXB
<i>Callophrys augustinus</i>	Oneida: Rome	04-May-13	SDL
<i>Callophrys gryneus</i> 5 fresh ind. Shook from Juniper; with J. Zeller	Seneca: Sampson State Park	18-May-13	SDL
<i>Callophrys irus</i>	Oneida: Rome	04-May-13	SDL

<i>Calophrys niphon</i>	Oneida: Rome	04-May-13		SDL
<i>Parrhasius m-album</i>	Suffolk: Coram; Davis Preserve	21-Oct-13		SF
<i>Cupido comyntas</i> dark gray female	Delaware: Hancock Town, French Woods	18-Aug-13		RD
<i>Celastrina neglecta</i> in old field and fen	Tompkins: McLean Bogs Preserve	16-Aug-13		RD
NYMPHALIDAE				
<i>Danaus plexippus</i>	Allegheny: Allegheny State Park	30-May-13		SDL
<i>Danaus plexippus</i>	Tompkins: near Richford	06-Sep-13		RD
<i>Danaus plexippus</i> 2 fresh migrants	Tompkins: near Dryden, Roy H. Park Preserve	11-Sep-13		DXK
<i>Danaus plexippus</i>	Schuylers: Rock Cabin Rd. near Watkins Glen	21-Oct-13		DXK
<i>Coenonympha tullia</i>	Tompkins: McLean Bogs Preserve	16-Aug-13		RD
<i>Coenonympha tullia</i>	Delaware: Hancock Town, French Woods	18-Aug-13		RD
<i>Coenonympha tullia</i>	Schuylers: Rock Cabin Rd. near Montour Falls	20-Aug-13		DXK
<i>Cercyonis pegala</i> worn female with yellow FW patch (unusual for this site)	Tompkins: McLean Bogs Preserve	16-Aug-13		RD
<i>Speyeria atlantis</i>	Franklin: Bloomingdale Bog	04-May-13		SDL
<i>Speyeria cybele</i> nectaring at Joe-Pye-Weed	Schuylers: Rock Cabin Rd. near Montour Falls	20-Aug-13		DXK
<i>Speyeria cybele</i> female near violets along forest ecotone	Tompkins: McLean Bogs Preserve	24-Aug-13		RD
<i>Boloria selene</i>	Lewis: Bonaparte Swamp	17-Jun-13		SDL
<i>Limnitis arthemis</i>	Niagara: Lockport; Neden Lane	30-May-13	31-May-14	FXB
<i>Asterocampa clyton</i>	Tompkins: Ithaca; Negundo Woods	21-Jul-13		SDL
<i>Vanessa atalanta</i>	Tompkins: near Dryden, Roy H. Park Preserve	11-Sep-13		RD
<i>Nymphalis antiopa</i>	Monroe: Powder Mills Park	30-Mar-13		SDL
<i>Nymphalis antiopa</i>	Tompkins: Ithaca; Cornell University campus	23-Jul-13		RD
<i>Nymphalis antiopa</i> migrant flying rapidly	Tompkins: Ithaca; Game Farm Rd.	04-Oct-13		RD
<i>Polygonia interrogationis</i>	Tompkins: McLean Bogs Preserve	25-Sep-13		RD
<i>Polygonia progne</i>	Ontario: Ontario County Park	27-Apr-13		SDL
<i>Polygonia progne</i> late record	Schuylers: Rock Cabin Rd. near Montour Falls	21-Oct-13		DXK
<i>Phyciodes cocyta</i>	Niagara: Lockport; Neden Lane	16-Aug-13		FXB
<i>Phyciodes tharos</i> 2 worn females	Delaware: Hancock Town, French Woods	18-Aug-13		RD
<i>Phyciodes tharos</i> 2 worn females	Schuylers: Rock Cabin Rd. near Montour Falls	21-Oct-13		DXK
<i>Euphydryas phaeton</i> late instar larvae feeding on <i>Lonicera morrowi</i> (Morrow's honeysuckle)	Madison: Nelson Swamp	19-Jun-13		SDL
<i>Euphydryas phaeton</i> adults nectaring at <i>Apocynum cannabinum</i> ; seems to be recovering at this site	Tompkins: McLean Bogs Preserve	06-Jul-13	08-Jul-13	RD
<i>Euphydryas phaeton</i> 6 adults nectaring at <i>Lotus corniculata</i>	Schuylers: Rock Cabin Rd. near Montour Falls	09-Jul-13		DXK
Moths				
TORTRICIDAE				
<i>Olethreutes brunneopurpuratus</i>	Essex: Lake Placid, Intervale Way, 44°16'N, 73°57'W	21-Jul-13		MS
<i>Eucosma matutina</i>	Essex: Lake Placid, Intervale Way, 44°16'N, 73°57'W	21-Jul-13		MS
SPHINGIDAE				
<i>Aellopos titan</i> nectaring on buddleia; specimen in collection of Thomas Carr, Whitehouse, OH	CATTARAUGUS: Olean; 1278 Kamery Rd.	12-Aug-13		JTM
<i>Hemaris thysbe</i> ovipositing on <i>Lonicera morrowi</i> (Morrow's honeysuckle)	Seneca: Sampson State Park	18-May-13		SDL
NOCTUIDAE				
<i>Cirrhophanus triangulifer</i>	Niagara: Lockport; R. Kill at Wastewater Mgmt. Plant	17-Aug-13		FXB

PENNSYLVANIA

Butterflies

HESPERIIDAE

<i>Erynnis icelus</i>	GREENE: SGL #223	15-Jun-13		GM
<i>Amblyscirtes hegon</i>	Erie: SGL #102	02-Jun-13		GM
<i>Atalopedes campestris</i>	Erie: Erie	06-Oct-13		GM

Anatrytone logan	Forest: Buzzard Samp	15-Jul-13		RWB
confined females ovip. On Phalaris arundinacea, reared to diapausing larvae				
Poanes viator	Erie: SGL #314	05-Aug-13		GM
new site; one collected				
Poanes zabulon	Erie: SGL #314	09-Jun-13		GM
second spring brood record; one collected				
Euphyes conspicua	TIOGA: Arnot	19-Jul-13		RWB
PAPILIONIDAE				
Eurytides marcellus	Berks : Fleetwood	29-May-13	25-Aug-13	KG
Battus philenor	Erie: Erie	31-Aug-13		GM
30+ years since last county record				
Papilio cressphontes	Berks : Fleetwood	20-Jul-13	20-Sep-13	KG
PIERIDAE				
Phoebis sennae	Erie: SGL #192	05-Jun-13		GM
Phoebis sennae	Berks : Fleetwood	02-Sep-13		KG
ovipositing on Senna hebecarpa				
Abaeis nicippe	Berks : Fleetwood	03-Sep-13	13-Sep-13	KG
larvae on Senna hebecarpa				
LYCAENIDAE				
Feniseca tarquinius	Greene: SGL #223	15-Jun-13		GM
Lycaena hyllus	Erie: Presque Isle State Park	15-Oct-13		GM
two; late record				
Callophrys augustinus	Berks : Fleetwood	27-Apr-13		KG
Calycopis cecrops	Berks : Fleetwood	26-May-13	#####	KG
Parrhasius m-album	TIOGA: Arnot	16-Jul-13	19-Jul-13	RWB
Celastrina neglecta	Berks : Fleetwood	10-Aug-13	14-Aug-13	KG
eggs and larvae on Collinsonia canadensis flower beds				
Celastrina neglecta	Berks : Fleetwood	02-Sep-13	04-Sep-13	KG
larvae on Verbesina alterniflora flowers				
NYMPHALIDAE				
Limenitis arthemis astyanax	Berks : Fleetwood	12-Aug-13		KG
oviposits on Prunus serotina				
Polygonia interrogationis	Berks : Fleetwood	15-Aug-13		KG
multiple larvae on Ulmus rubra				
Moths				
SCYTHRIDIDAE				
Scythris sinensis	Berks : Fleetwood	19-Jul-13	31-Jul-13	KG
CRAMBIDAE				
Desmia maculalis	Berks : Fleetwood	23-Aug-13		KG
Sitochroa palealis	ERIE: Millcreek Twp.	17-Aug-13		GM
SPHINGIDAE				
Hyles gallii	Berks : Blue Marsh Lake	17-Aug-13		KG
EREBIDAE				
Utetheisa ornatix	Erie: Presque Isle State Park	15-Oct-13		GM
NOCTUIDAE				
Acronicta longa	Berks : Fleetwood	04-Jul-13		KG
larvae on Toxicodendron radicans				
Basilodes pepita	Berks : Fleetwood	07-Sep-13		KG
larvae on Verbesina alterniflora				
Magusa divaricata	Erie: Millcreek Twp.	17-Aug-13	29-Aug-13	GM

RHODE ISLAND

Butterflies

LYCAENIDAE

Parrhasius m-album	Washington: South Kingstown; Great Swamp WMA	01-Sep-13		MA
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VERMONT

Butterflies

HESPERIIDAE

Euphyes dion	Bennington: Bennington; Lake Paran	06-Jul-13		MA
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Moths

ADELIDAE

Adela ridingsella Chittenden: Colchester; WVMT area, 44°32'N, 73°12'W 03-Jun-13 MS

CRAMBIDAE

Raphiptera argillaceella Washington: Marshfield, 44°20'N, 72°23'W 27-Jul-13 MS

Sitochroa palealis Washington: Marshfield, 44°20'N, 72°23'W 07-Aug-13 MS

TORTRICIDAE

Olethreutes sericorum Niagara: N. Hartland; vic. Dam, 43°36'N, 72°22'W 12-Jul-13 MS

Olethreutes troglodanum Chittenden: Colchester; WVMT area, 44°32'N, 73°12'W 03-Jun-13 MS

Epinotia trigonella Washington: Marshfield 01-Sep-13 MS

Hysterosia oenotherana Washington: Marshfield, 44°20'N, 72°23'W 16-Jul-13 MS

NOCTUIDAE

Autographa rubidus Washington: Marshfield, 44°20'N, 72°23'W 03-Jun-13 MS

Syngrapha epigaea Washington: Marshfield, 44°20'N, 72°23'W 30-Aug-13 MS

Acronicta noctivaga Washington: Marshfield, 44°20'N, 72°23'W 08-May-13 MS

Zone 11 Mexico

Mexico & the Caribbean Islands

Coordinator: Isabel Vargas Fernandez

Contributors Cited:

ALF : Ana Luisa Figueroa

BCH : Blanca Claudia Hernandez Mejia

IVF : Isabel Vargas Fernandez

General Comments:

Blanca Claudia Hernández-Mejía (BCHM) accompanied by Jorge Hernández Ávila reported butterflies from Toluca City, Mexico State. It has extreme coordinates 19°17' 53.15" N - 99°38' 40.5"W, 2659 m. They found 13 species in 2013, Hesperiiidae (3), Papilionidae (1), Pieridae (4), Lycaenidae (2) and Nymphalidae (3).

Blanca Claudia Hernández-Mejía (BCHM) reported butterflies from Ejido San Francisco Magú, Nicolás Romero, Mexico State. It has extreme coordinates 19°40'21" N - 99°23'06"W. This area is a fragment pine-oak forest fragments. In October she found 21 species 2012 from Hesperiiidae (4), Pieridae (8), Lycaenidae (1) and Nymphalidae (8).

Ana Luisa Figueroa (ALF) reported butterflies from: Laguna Potosí, Playa La Bocana and Barra de Valentín, in the Costa Grande de Guerrero. The region is characterized by the presence of tropical dry forest, xerophytic shrubland, mangrove, palm tree crops and secondary vegetation of tropical dry forest; it is necessary to develop conservation strategies to preserve the biological diversity of the region, which is facing the effect of urbanization and the possibility of the development of megaprojects for tourism.

DISTRITO FEDERAL

Butterflies

PAPILIONIDAE

Papilio garamas DISTRITO FEDERAL: Canal Nacional, Col. Prado Churubusco 30-May-13 ALF
Collected near human settlements, feeding on *Bougainvillea* sp.

Papilio multicaudata DISTRITO FEDERAL: Canal Nacional, Col. Prado Churubusco 28-May-13 ALF
Collected near human settlements, feeding on *Bougainvillea* sp.

Papilio multicaudata DISTRITO FEDERAL: Universidad Autónoma Metropolitana Xochimil 10-Dec-13 ALF
Col. Villa Quietud, Collected near human settlements

PIERIDAE

Leptophobia aripa elodia DISTRITO FEDERAL: Canal Nacional, Col. Prado Churubusco 14-Nov-13 ALF
Collected near human settlements, feeding on *Taraxacum officinale*

Leptophobia aripa elodia DISTRITO FEDERAL: Universidad Autónoma Metropolitana Xochimil 10-Dec-13 ALF
Col. Villa Quietud, Collected near human settlements

Pyrisitia proterpia DISTRITO FEDERAL: Canal Nacional, Col. Prado Churubusco 22-Oct-13 ALF
Collected near human settlements, feeding on *Taraxacum officinale*

LYCAENIDAE

Callophrys xami DISTRITO FEDERAL: Canal Nacional, Col. Prado Churubusco 23-Sep-13 ALF
Collected near human settlements

Leptotes marina DISTRITO FEDERAL: Cuicuilco, Col. Isidro Fabela 05-Dec-12 ALF
Collected in volcanic rock area

NYMPHALIDAE

Danaus plexippus DISTRITO FEDERAL: Canal Nacional, Col. Prado Churubusco 14-Nov-13 ALF
Collected near human settlements

Dione juno huascuma DISTRITO FEDERAL: Canal Nacional, Col. Prado Churubusco 22-Oct-13 ALF
Collected near human settlements

Dione moneta poeyi DISTRITO FEDERAL: Canal Nacional, Col. Prado Churubusco 23-Sep-13 ALF
Collected near human settlements

<i>Euptoieta claudia daunius</i> Collected near human settlements	DISTRITO FEDERAL: Canal Nacional, Col. Prado Churubusco	18-May-13	ALF
<i>Siproeta stelenes biplagiata</i> Collected near human settlements	DISTRITO FEDERAL: Barrio La Conchita	02-Nov-13	ALF

ESTADO DE MEXICO

Butterflies

HESPERIIDAE

<i>Apyrrothrix araxes</i>	ESTADO DE MEXICO: San Francisco Magú	01-Oct-12	BCH
<i>Urbanus dorantes</i>	ESTADO DE MEXICO: San Francisco Magú	01-Oct-12	BCH
<i>Urbanus dorantes</i>	ESTADO DE MEXICO: colonia Doctores	03-Dec-13	BCH
<i>Autochton cellus</i>	ESTADO DE MEXICO: colonia Doctores	25-Jun-13	28-Jun-13 BCH
<i>Piruna polingii</i>	ESTADO DE MEXICO: San Francisco Magú	01-Oct-12	BCH
<i>Piruna polingii</i>	ESTADO DE MEXICO: colonia Doctores	23-Oct-13	BCH
<i>Poanes melane vitellina</i>	ESTADO DE MEXICO: San Francisco Magú	01-Oct-12	BCH

PAPILIONIDAE

<i>Papilio multicaudata</i>	ESTADO DE MEXICO: colonia Doctores	27-Jun-13	BCH
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PIERIDAE

<i>Catasticta nimbece</i>	ESTADO DE MEXICO: San Francisco Magú	01-Oct-12	BCH
<i>Catasticta teutila</i>	ESTADO DE MEXICO: San Francisco Magú	01-Oct-12	BCH
<i>Leptophobia aripa elodia</i>	ESTADO DE MEXICO: San Francisco Magú	01-Oct-12	BCH
<i>Leptophobia aripa elodia</i>	ESTADO DE MEXICO: colonia Doctores	03-Jul-13	09-Jul-13 BCH
<i>Zerene cesonia</i>	ESTADO DE MEXICO: colonia Doctores	02-Oct-13	BCH
<i>Anteos maerula</i>	ESTADO DE MEXICO: San Francisco Magú	01-Oct-12	BCH
<i>Anteos maerula</i>	ESTADO DE MEXICO: colonia Doctores	18-Aug-13	BCH
<i>Phoebis sennae marcellina</i>	ESTADO DE MEXICO: San Francisco Magú	01-Oct-12	BCH
<i>Eurema दौरa eugenia</i>	ESTADO DE MEXICO: San Francisco Magú	01-Oct-12	BCH
<i>Pyrisitia proterpia</i>	ESTADO DE MEXICO: San Francisco Magú	01-Oct-12	BCH
<i>Nathalis iole</i>	ESTADO DE MEXICO: San Francisco Magú	01-Oct-12	BCH
<i>Nathalis iole</i>	ESTADO DE MEXICO: colonia Doctores	17-Jul-13	BCH

LYCAENIDAE

<i>Callophrys xami</i>	ESTADO DE MEXICO: colonia Doctores	03-Jul-13	BCH
<i>Celastrina ladon gozora</i>	ESTADO DE MEXICO: San Francisco Magú	01-Oct-12	BCH
<i>Celastrina ladon gozora</i>	ESTADO DE MEXICO: colonia Doctores	15-Jul-13	BCH

NYMPHALIDAE

<i>Libytheana carinenta mexicana</i>	ESTADO DE MEXICO: San Francisco Magú	01-Oct-12	BCH
<i>Paramacera xicaque</i>	ESTADO DE MEXICO: San Francisco Magú	01-Oct-12	BCH
<i>Dione junio huascuma</i>	ESTADO DE MEXICO: San Francisco Magú	01-Oct-12	BCH
<i>Dione moneta poeyi</i>	ESTADO DE MEXICO: San Francisco Magú	01-Oct-12	BCH
<i>Euptoieta claudia daunius</i>	ESTADO DE MEXICO: San Francisco Magú	01-Oct-12	BCH
<i>Vanessa annabella</i>	ESTADO DE MEXICO: San Francisco Magú	01-Oct-12	BCH
<i>Vanessa annabella</i>	ESTADO DE MEXICO: colonia Doctores	11-Jun-13	BCH
<i>Vanessa annabella</i>	ESTADO DE MEXICO: colonia Doctores	02-Jul-13	BCH
<i>Vanessa annabella</i>	ESTADO DE MEXICO: colonia Doctores	21-Sep-13	BCH
<i>Vanessa virginiensis</i>	ESTADO DE MEXICO: San Francisco Magú	01-Oct-12	BCH
<i>Nymphalis antiopa</i>	ESTADO DE MEXICO: colonia Doctores	30-Jun-13	BCH
<i>Nymphalis antiopa</i>	ESTADO DE MEXICO: colonia Doctores	09-Jul-13	BCH
<i>Chlosyne ehrenbergii</i>	ESTADO DE MEXICO: colonia Doctores	25-Jun-13	BCH

NAYARIT

Butterflies

LYCAENIDAE

<i>Echinargus isola</i> Collected in area of pine forest	NAYARIT: San José de Gracia	11-Nov-12	ALF
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NYMPHALIDAE

<i>Hamadryas februa ferentina</i> Collected in area of pine forest	NAYARIT: San José de Gracia	11-Nov-12	ALF
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QUERETARO

Butterflies

HESPERIIDAE

<i>Astraptes fulgerator</i>	QUERETARO: Playa La Ropa	15-Aug-12	ALF
Collected in hotel zone, deciduous forest			

PAPILIONIDAE

<i>Eurytides philolaus</i>	QUERETARO: Playa La Ropa	15-Aug-12	ALF
Collected in hotel zone, deciduous forest			
<i>Battus laodamas copanae</i>	QUERETARO: Playa La Ropa	15-Aug-12	ALF
Collected in hotel zone, deciduous forest			
<i>Battus polydamas</i>	QUERETARO: Salinas, Laguna Potosí	09-Dec-12	ALF
<i>Battus polydamas</i>	QUERETARO: Playa Manzanillo	14-Dec-12	ALF
deciduous forest			

PIERIDAE

<i>Ascia monuste</i>	QUERETARO: Laguna Aeropuerto, near	09-Dec-12	ALF
<i>Ascia monuste</i>	QUERETARO: Salinas, Laguna Potosí	09-Dec-12	ALF
<i>Ascia monuste</i>	QUERETARO: Barra de Valentín	10-Dec-12	ALF
<i>Ascia monuste</i>	QUERETARO: Playa Manzanillo	14-Dec-12	ALF
deciduous forest			
<i>Ascia monuste</i>	QUERETARO: Playa La Bocana	15-Dec-13	ALF
collected a few meters from the sea			
<i>Ganyra josephina josepha</i>	QUERETARO: Playa La Ropa	15-Aug-12	ALF
Collected in hotel zone, deciduous forest			
<i>Phoebis agarithe fisheri</i>	QUERETARO: Barra de Valentín	10-Dec-12	ALF
collected on wet cement			
<i>Phoebis philea</i>	QUERETARO: Barra de Valentín	10-Dec-12	ALF
<i>Phoebis sennae marcellina</i>	QUERETARO: Barra de Valentín	10-Dec-12	ALF
<i>Phoebis sennae marcellina</i>	QUERETARO: Playa Manzanillo	14-Dec-12	ALF
deciduous forest			
<i>Eurema दौरा sidonia</i>	QUERETARO: Playa Manzanillo	14-Dec-12	ALF
deciduous forest			
<i>Eurema दौरा sidonia</i>	QUERETARO: Juluchuca	29-Dec-13	ALF
Collected near human settlements			
<i>Pyrisitia nise nelphe</i>	QUERETARO: Laguna Aeropuerto, near	09-Dec-12	ALF
<i>Pyrisitia nise nelphe</i>	QUERETARO: Playa Manzanillo	14-Dec-12	ALF
deciduous forest			
<i>Pyrisitia proterpia</i>	QUERETARO: Playa Manzanillo	14-Dec-12	ALF
deciduous forest			

LYCAENIDAE

<i>Hemiargus hanno antibubastus</i>	QUERETARO: Laguna Carrizal	09-Dec-12	ALF
collected on sand			
<i>Hemiargus hanno antibubastus</i>	QUERETARO: Playa Manzanillo	14-Dec-12	ALF
deciduous forest			
<i>Danaus plexippus</i>	QUERETARO: Salinas, Laguna Potosí	09-Dec-12	ALF
<i>Opsiphanes cassina fabricii</i>	QUERETARO: Playa La Bocana	16-Dec-13	ALF
collected a few meters from the sea			
<i>Agraulis vanillae incarnata</i>	QUERETARO: Laguna Carrizal	09-Dec-12	ALF
<i>Agraulis vanillae incarnata</i>	QUERETARO: Playa La Bocana	15-Dec-13	ALF
collected a few meters from the sea			
<i>Dryas iulia moderata</i>	QUERETARO: Playa La Bocana	17-Dec-13	ALF
collected a few meters from the sea			
<i>Dryas iulia moderata</i>	QUERETARO: Juluchuca	30-Dec-13	ALF
Collected near human settlements			
<i>Dryadula phaetusa</i>	QUERETARO: Laguna Aeropuerto, near	09-Dec-12	ALF
<i>Heliconius charithonia vazquezae</i>	QUERETARO: Salinas, Laguna Potosí	09-Dec-12	ALF
<i>Heliconius charithonia vazquezae</i>	QUERETARO: Laguna Aeropuerto, near	09-Dec-12	ALF
<i>Heliconius charithonia vazquezae</i>	QUERETARO: Laguna Carrizal	09-Dec-12	ALF
<i>Heliconius charithonia vazquezae</i>	QUERETARO: Playa Manzanillo	14-Dec-12	ALF
deciduous forest			
<i>Heliconius charithonia vazquezae</i>	QUERETARO: Playa La Bocana	15-Dec-13	ALF
collected a few meters from the sea			
<i>Heliconius charithonia vazquezae</i>	QUERETARO: Juluchuca	29-Dec-13	ALF
Collected near human settlements			
<i>Heliconius erato cruentus</i>	QUERETARO: Laguna Aeropuerto, near	09-Dec-12	ALF

<i>Heliconius erato cruentus</i>	QUERETARO: Salinas, Laguna Potosí	09-Dec-12	ALF
<i>Heliconius erato cruentus</i>	QUERETARO: Barra de Valentín	10-Dec-12	ALF
<i>Heliconius erato cruentus</i> deciduous forest	QUERETARO: Playa Manzanillo	14-Dec-12	ALF
<i>Heliconius erato cruentus</i> collected a few meters from the sea	QUERETARO: Playa La Bocana	15-Dec-13	ALF
<i>Heliconius erato cruentus</i> Collected near human settlements	QUERETARO: Juluchuca	30-Dec-13	ALF
<i>Anartia fatima colima</i>	QUERETARO: Laguna Aeropuerto, near	09-Dec-12	ALF
<i>Anartia fatima colima</i>	QUERETARO: Barra de Valentín	10-Dec-12	ALF
<i>Anartia fatima colima</i> collected a few meters from the sea	QUERETARO: Playa La Bocana	16-Dec-13	ALF
<i>Anartia fatima colima</i> Collected near human settlements	QUERETARO: Juluchuca	30-Dec-13	ALF
<i>Euptoieta hegesia meridiania</i> collected a few meters from the sea	QUERETARO: Playa La Bocana	15-Dec-13	ALF
<i>Marpesia chiron</i> deciduous forest	QUERETARO: Playa Manzanillo	14-Dec-12	ALF
<i>Marpesia petreus</i>	QUERETARO: Salinas, Laguna Potosí	09-Dec-12	ALF
<i>Marpesia petreus</i>	QUERETARO: Barra de Valentín	10-Dec-12	ALF
<i>Anartia jatrophae luteipicta</i>	QUERETARO: Laguna Aeropuerto, near	09-Dec-12	ALF
<i>Anartia jatrophae luteipicta</i>	QUERETARO: Salinas, Laguna Potosí	09-Dec-12	ALF
<i>Anartia jatrophae luteipicta</i>	QUERETARO: Barra de Valentín	10-Dec-12	ALF
<i>Anartia jatrophae luteipicta</i> collected a few meters from the sea	QUERETARO: Playa La Bocana	16-Dec-13	ALF
<i>Anartia jatrophae luteipicta</i> Collected near human settlements	QUERETARO: Juluchuca	30-Dec-13	ALF
<i>Siproeta stelenes</i>	QUERETARO: Laguna Aeropuerto, near	09-Dec-12	ALF
<i>Siproeta stelenes biplagiata</i> deciduous forest	QUERETARO: Playa Manzanillo	14-Dec-12	ALF
<i>Siproeta stelenes biplagiata</i> collected a few meters from the sea	QUERETARO: Playa La Bocana	15-Dec-13	ALF
<i>Siproeta stelenes biplagiata</i> Collected near human settlements	QUERETARO: Juluchuca	30-Dec-13	ALF
<i>Junonia coenia</i>	QUERETARO: Salinas, Laguna Potosí	09-Dec-12	ALF
<i>Junonia coenia</i> collected a few meters from the sea	QUERETARO: Playa La Bocana	17-Dec-13	ALF
<i>Junonia coenia</i> Collected near human settlements	QUERETARO: Juluchuca	30-Dec-13	ALF
<i>Microtia elva</i> collected a few meters from the sea	QUERETARO: Playa La Bocana	16-Dec-13	ALF
<i>Anthanassa tulcis</i>	QUERETARO: Laguna Aeropuerto, near	09-Dec-12	ALF
<i>Anthanassa tulcis</i> collected a few meters from the sea	QUERETARO: Playa La Bocana	17-Dec-13	ALF

Moths

NYMPHALIDAE

<i>Morpho polyphemus polyphemus</i>	QUERETARO: Laguna Carrizal	09-Dec-12	ALF
<i>Morpho polyphemus polyphemus</i>	QUERETARO: Barra de Valentín	10-Dec-12	ALF
<i>Morpho polyphemus polyphemus</i> deciduous forest	QUERETARO: Playa Manzanillo	14-Dec-12	ALF
<i>Morpho polyphemus polyphemus</i> Collected near human settlements	QUERETARO: Juluchuca	29-Dec-13	ALF

QUINTANA ROO

Butterflies

PAPILIONIDAE

<i>Eurytides philolaus</i> Collected near human settlements	QUINTANA ROO: Cobá	25-Mar-13	ALF
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PIERIDAE

<i>Rhabdodryas trite</i> Collected near human settlements	QUINTANA ROO: Cobá	24-Mar-13	ALF
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VERACRUZ

Butterflies

HESPERIIDAE

Urbanus dorantes	VERACRUZ: Rancho El Jardín	11-Jul-13	IVF
Ancyloxypha arene	VERACRUZ: Rancho El Jardín	11-Jul-13	IVF
Copaeodes minima	VERACRUZ: Rancho El Jardín	11-Jul-13	IVF
Pompeius pompeius	VERACRUZ: Rancho El Jardín	11-Jul-13	IVF
Poanes melane	VERACRUZ: Rancho El Jardín	11-Jul-13	IVF

PIERIDAE

Eurema daira	VERACRUZ: Rancho El Jardín	11-Jul-13	IVF
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LYCAENIDAE

Eumaeus toxea	VERACRUZ: Dos Amates	18-May-13	ALF
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NYMPHALIDAE

Danaus plexippus	VERACRUZ: Dos Amates	16-May-13	ALF
Morpho helenor montezuma	VERACRUZ: Dos Amates	15-May-13	ALF
Caligo telamonius memnon	VERACRUZ: Dos Amates	14-May-13	ALF
Dryas iulia moderata	VERACRUZ: Dos Amates	16-May-13	ALF
Dryadula phaetusa	VERACRUZ: Dos Amates	15-May-13	ALF
Heliconius charithonia vazquezae	VERACRUZ: Dos Amates	16-May-13	ALF
Heliconius charithonia vazquezae	VERACRUZ: Rancho El Jardín	11-Jul-13	IVF
Heliconius erato petiverana	VERACRUZ: Dos Amates	17-May-13	ALF
Anartia fatima	VERACRUZ: Dos Amates	14-May-13	ALF
Anartia fatima	VERACRUZ: Rancho El Jardín	11-Jul-13	IVF
Siproeta stelenes biplagiata	VERACRUZ: Dos Amates	17-May-13	ALF

YUCATAN

Butterflies

PAPILIONIDAE

Eurytides philolaus	YUCATAN: Piste	14-Apr-13	ALF
Collected near human settlements			

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	Rv River
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
Vly Valley	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**

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Top: *Ogdoconta satana*: Holotype: USA: NM: Eddy Co. Carlsbad Caverns National Park, arroyo habitat, 104°33.74'W, 32°06.38'N 4,170', 10 July 2010, Eric H. Metzler, holotype is in the USNM. (Photo by Jocelyn Gill, see pg. 47) . **Middle Left:** *Boloria epithore*, Stoney Creek, Prince of Wales Island, AK, June 23rd, 2012, Sarah Meierotto and Ian McDougal (First AK, record, photo by Ken Philip, see pg. 8) . **Middle Right:** *Pieris oleracea*, enjoying Water Cress, Cass Co., MN, May 24, 2013 (see pg. 136). **Lower Left:** *Eulithis molliculata*, Laurel Mountain Cabins, 5 mi. SE of Hiawassee, Towns Co., Georgia, July 3, 2013, Ed Knudson and Charles Borbelon (STATE record, photo by C. Borbelon, see pg. 164); **Lower Right:** *Hyllolycaena hyllus*, Cass Co., MN, July 5 - 6, 2013 (see pg. 137; *oleracea* and *hyllus* photos [MN] by Allison Barta).