



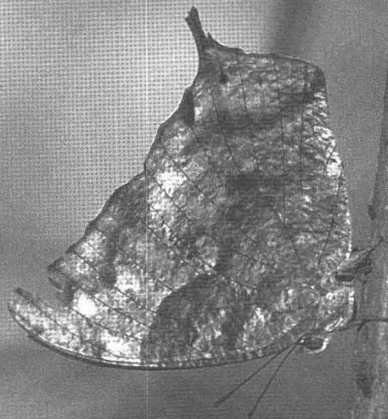
# NEWS

OF THE

# SOCIETY

Volume 43 Supplement S1 2001

## 2000 Season Summary



*Memphis pithyusa*, Roma, TX (Starr Co.), 28<sup>th</sup> Aug. 1999. Photo by Phil Schappert.



# Index

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# NEWS OF THE LEPIDOPTERISTS' SOCIETY

Volume 43

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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 2000

## Zone 1 Far North

## Alaska, Yukon, Nunavut, and Northwest Territories

Coordinator: Kenelm W. Philip

### Contributors Cited:

ALS : Alaska Lepidoptera Survey  
KWP : Kenelm W. Philip

JLH : Jack L. Harry  
JXR : Jens Rydell

RLP : Ricky L. Patterson

### General Comments:

Previously unreported localities or species are emphasized, as are localities not recorded through an even-odd year cycle. Note regarding the Alaska Lepidoptera Survey (ALS): Ken Philip made two field trips to Haines, Alaska; 8-19 July and 7-10 August. The Bonanza Creek Experimental Forest near Fairbanks was checked throughout the summer as weather permitted. The Canadian Government has recognized traditional Inuit lands in the Northwest Territories as a separate political subdivision, Nunavut. The western part of the old Northwest Territories still retains that name.

## NUNAVUT

A Swedish expedition by icebreaker through the Northwest Passage in 1999 turned up the following, as reported by Jens Rydell (JXR): *Boloria polaris*, Cape Penhryn, Melville Peninsula; Cresswell Bay, Somerset Island; King William Island. These records fill gaps in the distribution across the North American arctic at those latitudes. *Boloria frigga*, Cresswell Bay, Somerset Island; King William Island. These records also fill gaps - but the Somerset Island record sits in a rather large gap among the most northern records for the species. *Colias nastes*, *Agriades glandon*, and *Boloria freija*, Cape Penhryn, Melville Peninsula - more gap filling. Moths: *Gynaephora groenlandica*, Bathurst Island - the second lepidopteran species to be identified from the island.

### Butterflies

#### PIERIDAE

*Colias nastes* MELVILLE PENINSULA: Cape Penhryn 05-Jul-99 - 06-Jul-99 JXR

#### LYCAENIDAE

*Agriades glandon* MELVILLE PENINSULA: Cape Penhryn 05-Jul-99 - 06-Jul-99 JXR

#### NYMPHALIDAE

*Boloria frigga* SOMERSET ISLAND: Cresswell Bay 09-Jul-99 - 10-Jul-99 JXR

*Boloria frigga* KING WILLIAM ISLAND: 69 degrees 06.7' N, 98 degrees 55.2' W 20-Jul-99 - 21-Jul-99 JXR

*Boloria polaris* MELVILLE PENINSULA: Cape Penhryn 05-Jul-99 - 06-Jul-99 JXR

*Boloria polaris* SOMERSET ISLAND: Cresswell Bay 09-Jul-99 - 10-Jul-99 JXR

*Boloria polaris* KING WILLIAM ISLAND: 69 degrees 06.7' N, 98 degrees 55.2' W 20-Jul-99 - 21-Jul-99 JXR

*Boloria freija* MELVILLE PENINSULA: Cape Penhryn 05-Jul-99 - 06-Jul-99 JXR

### Moths

#### LYMANTRIIDAE

*Gynaephora groenlandica* BATHURST ISLAND: southern portion of island 13-Jul-99 - 14-Jul-99 JXR

## ALASKA

Weather: Interior Alaska had another late and very dry spring, followed by a cool, cloudy, and very wet summer. Tundra collecting was very poor indeed, since the flight season had barely started before the weather turned bad. Southeastern Alaska had an early spring, followed by a very cloudy summer. RECORDS OF INTEREST - Butterflies: *Lycaena phlaeas arethusa* was found on the Richardson Highway, 36 miles south of Salcha (RLP). This subspecies seems to be well established in taiga habitats in Interior Alaska, but difficult to find because it is so local. *Speyeria zerene* was found at 10 mile Haines Highway (JLH), bringing to three the number of sites in the Haines area for this species. Further checking may show *S. zerene* to be less restricted than it has appeared to be, although it is still, in Alaska, known only from the Haines vicinity. The Bonanza Creek Experimental Forest colony of *Speyeria atlantis* (near Fairbanks) had a population explosion this summer, despite the late spring - more were seen than the total number for the previous four summers. *Boloria chariclea* (RLP) from 211 mm Richardson Highway and 103 mm Parks Highway - more commonly found in taiga habitats in odd-numbered years. (Note: this is a different taxon, in my opinion (KWP), from what has been called *B. titania* in the past). Moths: The ALS backlog produced the following Arctiidae records: *Grammia philipiana*, Sagwon, 1972 (the 4th known specimen) and a significant range extension, being the first record from Alaska's North Slope; *Hyperborea czekanowskii*, Kougarak Landing Strip and Humboldt Creek, both on the Seward Peninsula, 1972 (the 3rd and 4th North American specimens for this Asiatic species); *Holoarctia fridolini*, VABM Aruk, near Itigaknit Mountain, 1971 (the 12th North American specimen of this Asiatic species); and *Acerbia alpina*, three sites in the northeast corner of the Arctic National Wildlife Refuge. COLLECTING SITE: Sunshine Hill, across Porcupine Crossing at 26.3 mm Haines Highway, supports a colony of *Speyeria zerene*. That road, especially its left branch running northeast along the Little Salmon River, has large numbers of fresh *Polygonia satyrus* in early August.

### Butterflies

#### PIERIDAE

*Pieris napi* SE Alaska: Sunshine Hill 15-Jul-00 KWP

*Pieris napi hulda* Alaska Peninsula: Izembek Wildlife Refuge 21-Jul-00 - 22-Jul-00 ALS

**LYCAENIDAE**

Lycaena phlaeas arethusa	Interior Alaska: Richardson Hwy, mm 290, 36 mi S of Salcha	21-Jul-00	RLP
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**NYMPHALIDAE**

Polygonia satyrus	SE Alaska: Sunshine Hill and vicinity	07-Aug-00 - 10-Aug-00	KWP
Polygonia faunus	SE Alaska: Sunshine Hill and vicinity	07-Aug-00 - 10-Aug-00	KWP
Nymphalis milberti	Interior Alaska: Tanana Valley, Bonanza Creek Exp. Forest	26-Jun-00 - 22-Jul-00	KWP
Speyeria zerene	SE Alaska: Haines Hwy, mm 10	14-Jul-00	JLH
Speyeria zerene	SE Alaska: Sunshine Hill	15-Jul-00 - 10-Aug-00	KWP
Speyeria atlantis common	Interior Alaska: Tanana Valley, Bonanza Creek Exp. Forest	26-Jun-00 - 22-Jul-00	KWP
Speyeria mormonia	SE Alaska: Sunshine Hill	09-Aug-00 - 10-Aug-00	KWP
Boloria selene	SE Alaska: Petersville Rd, mm 18	07-Jul-00	JLH
Boloria chariclea	Southcentral Alaska: Parks Hwy, mm 103, 12 mi S of Talkeetna	12-Jul-00	RLP
Boloria chariclea	Alaska Range: Richardson Hwy, mm 211, N of Paxson	14-Jul-00	RLP

**Moths****ARCTIIDAE**

Acerbia alpina	North Slope: Hulahula River, 6 mi S of East Patuk Creek	01-Jul-76	ALS
Acerbia alpina	North Slope: east side of Hulahula River, 9 mi from the mouth	11-Jul-77	ALS
Acerbia alpina	North Slope: Sadlerochit River, 9 mi from the mouth	11-Jul-78	ALS
Grammia philipiana	NORTH SLOPE: Sagwon	13-Jul-72	ALS
Hyperborea czekanowskii	SEWARD PENINSULA: Kougarak Landing Strip	10-Jul-85	ALS
Hyperborea czekanowskii	Seward Peninsula: Humboldt Creek	19-Jul-85	ALS
Holoarctia fridolini	North Slope: VABM Aruk, near Itigaknit Mountain	12-Jul-71	ALS

**NOCTUIDAE**

Alypia langtoni common	Interior Alaska: Tanana Valley, Bonanza Creek Exp. Forest	19-Jun-00 - 30-Jun-00	KWP
Androloma maccullochii common	Interior Alaska: Tanana Valley, Bonanza Creek Exp. Forest	12-Jun-00 - 20-Jun-00	KWP

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

Coordinator: Jon H. Shepard

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**BRITISH COLUMBIA****Butterflies****HESPERIIDAE**

Pyrgus centaureae loki	Brewer Creek	29-Jul-00	DN
Pyrgus centaureae loki	Watch Mountain	30-Jul-00	DN

**PAPILIONIDAE**

Parnassius smintheus	Lavington Creek	02-Jul-00	DN
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**PIERIDAE**

Neophasia menapia tau	Kikumon Creek Park	23-Aug-00	DN
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**LYCAENIDAE**

Satyrrium titus	Cranbrook	27-Jul-00	DN
Plebejus acmon lutzi	Peckham Lake	22-Jul-00	DN

**NYMPHALIDAE**

Boloria epithore	Brewer Creek	29-Jul-00	DN
Boloria astarte	Watch Mountain	30-Jul-00	DN

**IDAHO****Butterflies****HESPERIIDAE**

Erynnis icelus	BLAINE: Silver Creek Nature Preserve	26-May-00	ADW
Erynnis icelus	CAMAS: Willow Creek Canyon	27-May-00	ADW
Erynnis persius	BLAINE: Silver Creek Nature Preserve	26-May-00	ADW
Erynnis persius	Fremont: Indian Lake, 5.7 mi SW of Flagg Ranch Rd	11-Jul-00	B/B

<i>Pyrgus ruralis</i>	CAMAS: Willow Creek Canyon	27-May-00	ADW
<i>Pyrgus communis</i>	KOOTENAI: I-90 reststop	28-Jun-00	RES
<i>Pyrgus communis</i>	POWER: Massacre Rocks SP	03-Jul-00	RES
<i>Pholisora catullus</i>	BLAINE: Silver Creek Nature Preserve	26-May-00	ADW
<i>Piruna pirus</i>	Bannock: Mink Creek Rd, S of Pocatello	08-Jul-00	B/B
<i>Piruna pirus</i>	Franklin: Mink Creek, town site	09-Jul-00	B/B
<i>Piruna pirus</i>	Bannock: Malad Summit	16-Jul-00	B/B
<i>Oarisma garita</i>	Bannock: Mink Creek Rd, S of Pocatello	08-Jul-00	B/B
<i>Hesperia juba</i>	CAMAS: Willow Creek Canyon	27-May-00	ADW
<i>Hesperia comma harpalus</i>	POWER: Massacre Rocks SP	03-Jul-00	RES
<i>Hesperia comma harpalus</i>	BANNOCK: Malad Summit, 2.5 m W	03-Jul-00	RES
<i>Hesperia comma harpalus</i>	Bannock: Mink Creek Rd, S of Pocatello	08-Jul-00	B/B
<i>Hesperia comma harpalus</i>	Bannock: Malad Summit	16-Jul-00	B/B
<i>Polites sonora utahensis</i>	Fremont: Mesa Flats	10-Jul-00	B/B
<i>Ochlodes sylvanoides</i>	POWER: Houtz Creek, 6.4 m SW of Pockland	03-Jul-00	RES
<i>Ochlodes sylvanoides</i>	Bannock: Mink Creek Rd, S of Pocatello	08-Jul-00	B/B
<i>Ochlodes sylvanoides</i>	Bannock: Malad Summit	16-Jul-00	B/B
<i>Poanes taxiles</i>	Franklin: Mink Creek, town site	09-Jul-00	B/B
<b>PAPILIONIDAE</b>			
<i>Parnassius clodius</i>	Franklin: Mink Creek, town site	09-Jul-00	B/B
<i>Parnassius clodius</i>	Bannock: Malad Summit	16-Jul-00	B/B
<i>Papilio zelicaon</i>	CAMAS: Willow Creek Canyon	27-May-00	ADW
<i>Papilio multicaudatus</i>	PAYETTE: I-84, 1.5 m NW Exit 3	02-Jul-00	RES
<i>Papilio multicaudatus</i>	POWER: Houtz Creek, 6.4 m SW of Pockland	03-Jul-00	RES
<i>Papilio multicaudatus</i>	Franklin: Mink Creek, town site	09-Jul-00	B/B
<i>Papilio multicaudatus</i>	Bannock: Malad Summit	16-Jul-00	B/B
<i>Papilio eurymedon</i>	CAMAS: Willow Creek Canyon	27-May-00	ADW
<i>Papilio eurymedon</i>	POWER: Houtz Creek, 6.4 m SW of Pockland	03-Jul-00	RES
<b>PIERIDAE</b>			
<i>Pontia sisymbrii</i>	FREMONT: Indian Lake, 5.7 mi SW of Flagg Ranch Rd	11-Jul-00	B/B
<i>Pontia protodice</i>	POWER: Massacre Rocks SP	03-Jul-00	RES
<i>Pieris rapae</i>	CAMAS: Willow Creek Canyon	27-May-00	ADW
<i>Pieris rapae</i>	POWER: Massacre Rocks SP	03-Jul-00	RES
<i>Pieris marginalis</i>	Franklin: Mink Creek, town site	09-Jul-00	B/B
<i>Pieris marginalis</i>	Bannock: Malad Summit	16-Jul-00	B/B
<i>Colias alexandra</i>	BANNOCK: Malad Summit, 2.5 m W	03-Jul-00	RES
<i>Colias alexandra</i>	POWER: Houtz Creek, 6.4 m SW of Pockland	03-Jul-00	RES
<i>Colias pelidne</i>	Fremont: Indian Lake, 5.7 mi SW of Flagg Ranch Rd	11-Jul-00	B/B
<b>LYCAENIDAE</b>			
<i>Lycaena arota virginiensis</i>	BANNOCK: Malad Summit	16-Jul-00	B/B
<i>Lycaena rubida</i>	ONEIDA: Twin Springs @ SR 37	03-Jul-00	RES
<i>Lycaena rubida</i>	POWER: Massacre Rocks SP	03-Jul-00	RES
<i>Lycaena heteronea</i>	POWER: Houtz Creek, 6.4 m SW of Pockland	03-Jul-00	RES
<i>Lycaena heteronea</i>	Franklin: Mink Creek, town site	09-Jul-00	B/B
<i>Lycaena nivalis browni</i>	Franklin: Mink Creek, town site	09-Jul-00	B/B
<i>Lycaena nivalis browni</i>	Bannock: Malad Summit	16-Jul-00	B/B
<i>Satyrrium titus immaculosus</i>	Bannock: Mink Creek Rd, S of Pocatello	08-Jul-00	B/B
<i>Satyrrium titus immaculosus</i>	Franklin: Mink Creek, town site	09-Jul-00	B/B
<i>Satyrrium titus immaculosus</i>	Bannock: Malad Summit	16-Jul-00	B/B
<i>Satyrrium behrii</i>	BANNOCK: Mink Creek Rd, S of Pocatello	08-Jul-00	B/B
<i>Satyrrium behrii</i>	Franklin: Mink Creek, town site	09-Jul-00	B/B
<i>Satyrrium behrii</i>	Bannock: Malad Summit	16-Jul-00	B/B
<i>Callophrys affinis</i>	CAMAS: Willow Creek Canyon	27-May-00	ADW
<i>Callophrys siva</i>	Franklin: Mink Creek, town site	09-Jul-00	B/B
<i>Callophrys augustinus</i>	CAMAS: Willow Creek Canyon	27-May-00	ADW
<i>Strymon melinus</i>	BLAINE: Silver Creek Nature Preserve	26-May-00	ADW
<i>Strymon melinus</i>	POWER: Massacre Rocks SP	03-Jul-00	RES
<i>Strymon melinus</i>	BANNOCK: Malad Summit, 2.5 m W	03-Jul-00	RES
<i>Celastrina ladon</i>	BLAINE: Silver Creek Nature Preserve	26-May-00	ADW
<i>Celastrina ladon echo</i>	CAMAS: Willow Creek Canyon	27-May-00	ADW
<i>Lycaeides melissa</i>	POWER: Houtz Creek, 6.4 m SW of Pockland	03-Jul-00	RES
<i>Lycaeides melissa</i>	Franklin: Mink Creek, town site	09-Jul-00	B/B
<i>Lycaeides melissa</i>	Fremont: Mesa Flats	10-Jul-00	B/B
<i>Plebejus icarioides</i>	POWER: Houtz Creek, 6.4 m SW of Pockland	03-Jul-00	RES
<i>Plebejus acmon lutzi</i>	Franklin: Mink Creek, town site	09-Jul-00	B/B
<i>Plebejus acmon lutzi</i>	Fremont: Indian Lake, 5.7 mi SW of Flagg Ranch Rd	11-Jul-00	B/B

**NYMPHALIDAE**

<i>Polygonia satyrus</i>	CAMAS: Willow Creek Canyon	27-May-00	ADW
<i>Polygonia satyrus</i>	ONEIDA: Twin Spgs. @ SR 37	03-Jul-00	RES
<i>Polygonia satyrus</i>	POWER: Houtz Creek, 6.4 m SW of Pockland	03-Jul-00	RES
<i>Polygonia faunus</i>	CAMAS: Willow Creek Canyon	27-May-00	ADW
<i>Polygonia zephyrus</i>	BANNOCK: Malad Summit	16-Jul-00	B/ B
<i>Nymphalis antiopa</i>	CAMAS: Willow Creek Canyon	27-May-00	ADW
<i>Nymphalis antiopa</i>	ONEIDA: Twin Spgs. @ SR 37	03-Jul-00	RES
<i>Nymphalis antiopa</i>	POWER: Massacre Rocks SP	03-Jul-00	RES
<i>Vanessa atalanta</i>	ONEIDA: Twin Spgs. @ SR 37	03-Jul-00	RES
<i>Vanessa atalanta</i>	POWER: Massacre Rocks SP	03-Jul-00	RES
<i>Speyeria cybele</i>	Bannock: Mink Creek Rd, S of Pocatello	08-Jul-00	B/ B
<i>Speyeria cybele letona</i>	POWER: Houtz Creek, 6.4 m SW of Pockland	03-Jul-00	RES
<i>Speyeria cybele leto</i>	Franklin: Mink Creek, town site	09-Jul-00	B/ B
<i>Speyeria cybele leto</i>	Bannock: Malad Summit	16-Jul-00	B/ B
<i>Speyeria edwardsii</i>	BANNOCK: Mink Creek Rd, S of Pocatello	08-Jul-00	B/ B
<i>Speyeria edwardsii</i>	Bannock: Malad Summit	16-Jul-00	B/ B
<i>Speyeria coronis</i>	Bannock: Mink Creek Rd, S of Pocatello	08-Jul-00	B/ B
<i>Speyeria coronis snyderi</i>	Franklin: Mink Creek, town site	09-Jul-00	B/ B
<i>Speyeria zerene picta</i>	Franklin: Mink Creek, town site	09-Jul-00	B/ B
<i>Speyeria zerene picta</i>	Fremont: Indian Lake, 5.7 mi SW of Flagg Ranch Rd	11-Jul-00	B/ B
<i>Speyeria zerene picta</i>	Bannock: Malad Summit	16-Jul-00	B/ B
<i>Speyeria hydaspe sakuntala</i>	Franklin: Mink Creek, town site	09-Jul-00	B/ B
<i>Speyeria hydaspe sakuntala</i>	BANNOCK: Malad Summit	16-Jul-00	B/ B
<i>Boloria kriemhild</i>	Fremont: Indian Lake, 5.7 mi SW of Flagg Ranch Rd	11-Jul-00	B/ B
<i>Boloria kriemhild</i>	Bannock: Malad Summit	16-Jul-00	B/ B
<i>Phyciodes cocyta</i>	POWER: Houtz Creek, 6.4 m SW of Pockland	03-Jul-00	RES
<i>Phyciodes pratensis</i>	POWER: Houtz Creek, 6.4 m SW of Pockland	03-Jul-00	RES
<i>Phyciodes pallidus</i>	FREMONT: Indian Lake, 5.7 mi SW of Flagg Ranch Rd	11-Jul-00	B/ B
<i>Phyciodes mylitta</i>	CAMAS: Willow Creek Canyon	27-May-00	ADW
<i>Chlosyne acastus</i>	FRANKLIN: Mink Creek, town site	09-Jul-00	B/ B
<i>Euphydryas gillettii</i>	Fremont: Indian Lake, 5.7 mi SW of Flagg Ranch Rd	11-Jul-00	B/ B
<i>Limnitis weidemeyerii</i>	Bannock: Malad Summit	16-Jul-00	B/ B
<i>Coenonympha haydenii</i>	Fremont: Indian Lake, 5.7 mi SW of Flagg Ranch Rd	11-Jul-00	B/ B
<i>Coenonympha ochracea</i>	Bannock: Mink Creek Rd, S of Pocatello	08-Jul-00	B/ B
<i>Coenonympha ochracea</i>	Franklin: Mink Creek, town site	09-Jul-00	B/ B
<i>Coenonympha ochracea</i>	Bannock: Malad Summit	16-Jul-00	B/ B
<i>Cercyonis sthenele paulus</i>	BANNOCK: Mink Creek Rd, S of Pocatello	08-Jul-00	B/ B
<i>Cercyonis oetus</i>	Bannock: Mink Creek Rd, S of Pocatello	08-Jul-00	B/ B
<i>Cercyonis oetus</i>	Fremont: Mesa Flats	10-Jul-00	B/ B
<i>Cercyonis oetus</i>	Bannock: Malad Summit	16-Jul-00	B/ B
<i>Cercyonis oetus charon</i>	Franklin: Mink Creek, town site	09-Jul-00	B/ B
<i>Danaus plexippus</i>	POWER: Massacre Rocks SP	03-Jul-00	RES

**Moths****SATURNIIDAE**

<i>Hemileuca eglanterina</i>	FREMONT: Indian Lake, 5.7 mi SW of Flagg Ranch Rd	11-Jul-00	B/ B
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**SPHINGIDAE**

<i>Sphinx dolii</i>	BANNOCK: Pocatello	09-Jul-00	B/ B
northern range extension?			
<i>Smerinthus cerisyi</i>	FREMONT: Mesa Flats	10-Jul-00	B/ B
<i>Paonias myops</i>	BANNOCK: Pocatello	09-Jul-00	B/ B

**OREGON****Butterflies****HESPERIIDAE**

<i>Epargyreus clarus</i>	UNION: Bald Mt., E of Tollgate	18-Aug-99	RES
<i>Thorybes diversus</i>	Josephine: Eight Dollar Mountain	25-Jun-00	ADW
2nd County Record			
<i>Thorybes diversus</i>	Curry: Wmer Rd.; 2 mi W of Josephine Co.	26-Jun-00	ADW
2nd County Record			
<i>Erynnis persius</i>	COOS: Eden Valley	20-May-00	DTH
<i>Erynnis persius</i>	Harney: King Mountain Lookout	03-Jun-00	DTH
2nd County Record			
<i>Pyrgus ruralis</i>	MORROW: Kelly Prairie	04-Jun-00	DTH
<i>Pyrgus ruralis</i>	WHEELER: Bridge Creek Wilderness	27-Jun-00	DTH
<i>Atalopedes campestris</i>	WASCO: Tygh Valley	19-Aug-00	ADW

Atalopedes campestris	LINCOLN: 4.6-4.7 mi NW of Nashville	24-Sep-00	ADW
Atalopedes campestris	DOUGLAS: Elkton	04-Oct-00	ER1
Ochloides yuma	WASCO: Deschutes R. @ I-84	02-Jul-00	RES
<b>PAPILIONIDAE</b>			
Parnassius clodius gallatinus	MORROW: Rock Creek	26-Jun-99	JRD
<b>PIERIDAE</b>			
Colias pelidne skinneri	UNION: East Fork Eagle Creek	06-Sep-99	DTH
<b>LYCAENIDAE</b>			
Satyrium californicum	UMATILLA: FR 656, 26 m SE of Walla Walla	17-Aug-99	RES
Satyrium sylvinum nootka	COLUMBIA: Timber Jct., 2.9 m W on Hwy 26	13-Aug-99	RES
Satyrium sylvinum nootka	CLATSOP: Timber Jct., 2.9 m W on Hwy 26	13-Aug-99	RES
Satyrium sylvinum nootka	TILLAMOOK: Timber Jct., 2.9 m W on Hwy 26	13-Aug-99	RES
Calophrys spinetorum	CURRY: Wmer Rd.; 3-6 mi. W of Josephine Co.	26-Jun-00	ADW
Everes amyntula	JOSEPHINE: Thompson Creek; 9 mi S of Applegate	25-Jun-00	HKL
Everes amyntula	CURRY: Wmer Rd.; 2 mi W of Josephine Co.	26-Jun-00	ADW
Euphilotes enoptes	DOUGLAS: Cow Creek	20-May-00	DTH
Glaucopsyche piasus toxema	WHEELER: Bridge Creek Wilderness	27-Jun-00	DTH
Plebejus acmon lutzii	LINCOLN: 4.6-4.7 mi NW of Nashville	24-Sep-00	ADW
<b>NYMPHALIDAE</b>			
Speyeria coronis simaetha	LINN: Iron Mountain	20-Jun-00	DTH
Phyciodes pratensis	SHERMAN: Deschutes R. @ I-84	02-Jul-00	RES
Euphydryas editha	Curry: Wmer Rd.; 2 mi W of Josephine Co.	26-Jun-00	ADW
Euphydryas editha mattooni	Lake: Coleman Rim (E of Adel)	15-Jun-99	DNR
2nd County Record			
Adelpha bredowii californica	LINCOLN: Fall Creek Rd.	07-Oct-00	JHH
Cercyonis pegala	TILLAMOOK: Timber Jct., 2.9 m W on Hwy 26	13-Aug-99	RES
Danaus plexippus	Jefferson: near Madras	16-Sep-00	JHH
2nd County Record			
Danaus plexippus	LINCOLN: 4.6-4.7 mi NW of Nashville	24-Sep-00	ADW
<b>Moths</b>			
<b>SPHINGIDAE</b>			
Sphinx vashti	LAKE: Warner River, 4 mi N of Hwy 140	23-Jun-00	RCM
Sphinx perelegans	LAKE: Warner River, 4 mi N of Hwy 140	23-Jun-00	RCM
Smerinthus cerisyi	LAKE: Warner River, 4 mi N of Hwy 140	23-Jun-00	RCM
<b>ARCTIIDAE</b>			
Spilosoma vestalis	LAKE: Warner River, 4 mi N of Hwy 140	23-Jun-00	RCM
Platyprepia virginalis	JOSEPHINE: Greyback Creek Jct, Chinquapin Canyon	23-Jun-00	RCM
Lophocampa maculata	LAKE: Warner River, 4 mi N of Hwy 140	23-Jun-00	RCM

## WASHINGTON

### Butterflies

#### NYMPHALIDAE

Danaus plexippus Migratory	Lincoln: Sunset Point	18-Jun-00	PE
Danaus plexippus Migratory	Whitman: Pullman	15-Jul-00	PE

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

Coordinator: Ken Davenport

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RHL : Ron H. Leuschner	M/B : Bill Mooney & Howard Byrne	RCM : Robert C. Mower
ER : Eric Raun	KMR : Kelly M. Richers	KR : Kilian Roever
RES : Ray E. Stanford	JPT : James P. Tuttle	V/L : J. Vernon & R. Langston

### General Comments:

There were 8 new COUNTY records for California - the tildenii record is at the subspecies level. Arizona also had 6 new COUNTY records, but none were reported from Nevada. There were no submissions for Hawaii, only brief comments that certain well established species were fairly common. The moth records were compiled by Kelly Richers.

## ARIZONA

Across the state it was a very dry year. National Forests with Ponderosa Pine in the northern portion of the state were closed to recreational use for much of the summer. Southeastern Arizona reported the second earliest start to the Monsoon Season on record with heavy rains in mid-June. There was then almost a month with very little rain and the rains returned in mid-August. Poor year for influx species although *Eurema proterpia* did well. The biggest news was the recording of three adults of the sphinx moth, *Dolbogene hartwegii*. Only two previous records are known and one of those records is over 100 years old.

### Butterflies

#### HESPERIIDAE

<i>Staphylus ceos</i>	Coconino: Oak Creek nr. SR 179, 3 mi. SSW of Sedona, 4125'	19-Apr-00	RES
<i>Erynnis pacuvius</i>	MARICOPA: Mazatzal Mtns., SE ridge Tonto Peak, FR 201/201A	14-Apr-00	RES
<i>Pyrgus philetas</i>	COCONINO: Oak Creek nr. SR 179, 3 mi. SSW of Sedona, 4125'	19-Apr-00	RES
<i>Celotes nesusus</i>	Coconino: Oak Creek nr. SR 179, 3 mi. SSW of Sedona, 4125'	19-Apr-00	RES
<i>Nastra julia</i>	COCHISE: Whitewater Draw WMA, 4 mi. WSW of McNeil, 4100'	05-Sep-00	KR
<i>Atrytonopsis pittacus</i>	APACHE: Black River at Paddy Creek, 6100'	27-Apr-00	KR

#### PIERIDAE

<i>Pontia beckerii</i>	NAVAJO: US 160, 1 mi. NE of Marsh Pass, 6700'	13-Apr-00	RES
<i>Pontia beckerii</i> SOUTH for Arizona	Coconino: 1 mi. E. of Chevelon Butte, 6200'	10-Aug-00	KR
<i>Kricogonia lyside</i> EARLY	Pima: Tucson	02-Feb-00	JPB

#### LYCAENIDAE

<i>Fixsenia ilavia</i> one last instar larva on <i>Quercus turbinella</i>	Mohave: Hualapai Mtn. Park	09-May-00	JPB
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#### RIODINIDAE

<i>Apodemia deserti</i> EARLY, <i>deserti</i> not well known from Arizona	Mohave: Desert Canyon off Hwy 95	21-Jan-99	AG
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#### NYMPHALIDAE

<i>Vanessa cardui</i> still flying in the winter!	Mohave: Craggy Wash Cyn nr Lake Havasu to Hualapai Mtns	11-Dec-00 - 15-Dec-00	AG
<i>Phyciodes pictus</i>	Navajo: Cholla Lake, 2 mi. SE of Joseph City, 5000'	11-Aug-00	KR
<i>Texola elada perse</i>	COCONINO: Oak Creek nr. SR 179, 3 mi. SSW of Sedona, 4125'	19-Apr-00	RES
<i>Danaus plexippus</i> not overwintering in Mexico or the Pacific Coast!	Mohave: Havasu Springs nr. Parker	11-Dec-00 - 15-Dec-00	AG
<i>Danaus gilippus thersippus</i> LATE in Mohave Desert!	Mohave: Craggy Wash Canyon nr. Lake Havasu City & vicinity	11-Dec-00 - 15-Dec-00	AG

### Moths

#### SATURNIIDAE

<i>Hemileuca hualapai</i> several adults at light	Pima: Hwy 83, 15 mi S of I-10	03-Apr-00	M/B
<i>Hemileuca stonei</i> poor flight season, but three males to a caged female	Pima: Molino Basin	30-Oct-00	JPT
<i>Automeris randa</i> a number of adults taken at light	Cochise: Guadalupe Canyon	25-Jul-00	M/B
<i>Rothschildia cincta</i> 4th - 5th instar larvae on hopbush ( <i>Dodonaea viscosa</i> ), confirming suspicions as natural host	Santa Cruz: Pena Blanca Canyon	23-Aug-00 - 29-Aug-00	JPT
<i>Eupackardia calleta</i> 5th instar larvae on Gooding's ash ( <i>Fraxinus gooddingii</i> )	Santa Cruz: Pena Blanca Canyon	29-Aug-00	JPT

#### SPHINGIDAE

<i>Dolbogene hartwegii</i> 3 adults taken by 3 different collectors on 25-Jul, 26-Jul, and 1-Aug; only 2 previous captures known from Arizona	Santa Cruz: Pena Blanca Canyon	25-Jul-00 - 01-Aug-00	M/B
<i>Sphinx libocedrus</i> 5th instar larvae on Gooding's ash ( <i>Fraxinus gooddingii</i> )	Santa Cruz: Pena Blanca Canyon	29-Aug-00	JPT

## CALIFORNIA

Rainfall was very poor in the southern portion of the state with poor flights reported in the Mojave and Colorado Deserts and the region south of Kern County. Many flights in the Kern County montane region delayed. Near normal conditions were reported for much of the northern portion of the state.

### Butterflies

#### HESPERIIDAE

<i>Epagyreus clarus californicus</i> Appears to be colonizing burn area from 1990 forest fire; not previously taken at this locality, several collected.	KERN: Greenhorn Mtns, 1.1 to 1.3 m S of Tiger Flat	15-Jul-00	KD
<i>Thorybes pylades indistinctus</i> LATE record for the state.	Kern: Greenhorn Mtns, 1.1 to 1.3 m S of Tiger Flat	15-Jul-00 - 22-Jul-00	KD
<i>Thorybes diversus</i> This species poorly known within its range.	Tuolumne: North fork of Tuolumne River near Longbarn	31-May-00	RVK



<i>Erynnis pacuvius lilius</i>	Nevada: Washington	19-May-00	EDB
<i>Hesperopsis alpheus oricus</i>	Kern: Bird Spring Pass, 5200 to 5650'	13-May-00	KD
Only second known locality for Southern Sierra, very rare in the state			
<i>Hesperia lindseyi</i>	FRESNO: Parkfield Grade, oak/juniper grassland	04-Jun-00	KD
Very common, also on Monterey County side of the mountain where species is poorly known			
<i>Amblyscirtes vialis</i>	Tuolumne: Twain Harte, Hwy. 108 3800'	31-May-00	RVK
<b>PIERIDAE</b>			
<i>Neophasia menapia</i>	SANTA CLARA: Mt. Hamilton-Mt. Day Ridge	30-Aug-83	ER
SOUTH for the Coast Range; a female voucher			
<i>Anthocharis cethura morrisoni</i>	Fresno: Panoche Hills	15-Mar-00	ER
Second locality for county			
<b>LYCAENIDAE</b>			
<i>Lycaena heteronea clara</i>	Kern: Piute Mountain Vista	04-Jul-00	KD
one male taken on <i>Eriogonum umbellatum</i> , sympatric with <i>Euphilotes battoides comstocki</i> ..			
<i>Lycaena heteronea clara</i>	Kern: Piute Mt. Rd. nr. Lake Isabella, Milepost 4.5 -7	04-Jul-00 - 17-Jul-00	KD
Not well known from Piute Mountains, first reported records in several years			
<i>Habrodais grunus</i>	Inyo: Sage Flat Rd SW of Olancha, E slope of Sierras	10-May-00	E/ P
also known from Nine Mile Canyon in Inyo Co.			
<i>Satyrrium auretorum</i>	INYO: Sage Flat Rd SW of Olancha, E slope of Sierras	10-May-00	E/ P
<i>Callophrys augustinus</i>	Inyo: Big Pine Creek and Canyon	30-Apr-00	KD
Few known captures from this county or eastern Sierra, undescribed subspecies. Common!			
<i>Everes comyntas</i>	MODOC: Dismal Swamp nr Mt. Bidwell, Warner Mtns	03-Aug-00	E/ P
associated with <i>Vicia americana</i>			
<i>Celastrina ladon echo</i>	Riverside: Hemet	24-Dec-00	JFE
LATE			
<i>Euphilotes battoides comstocki</i>	Kern: Piute Mt. Rd. nr. Lake Isabella, milepost 6.1 to 7	17-Jul-00	KD
New locality, sympatric with <i>Euphilotes bernardino</i> on different hostplants!			
<i>Euphilotes battoides comstocki</i>	Kern: Greenhorn Mtns., just S. of Tiger Flat, 6300'	22-Jul-00 - 04-Aug-00	KD
New for this mountain range, colony site in burn area from 1990 forest fire.			
<i>Euphilotes enoptes tildeni</i>	FRESNO: Parkfield Grade	30-Aug-00	KD
One female taken in association with <i>Eriogonum indictum</i> .			
<i>Euphilotes enoptes langstoni</i>	Inyo: 5 mi NW of Mazourka Peak, W base of Inyo Mtns	13-May-00	E/ P
first record from east side of Owens Valley			
<i>Plebejus emigdionis</i>	San Bernardino: W of Rt. 138 and E. of Rt. 15; Cajon Pass area	08-Apr-00	SCB
possible new colony site in area where development has eliminated some populations			
<i>Plebejus acmon dedeckera</i>	Inyo: S slope above Keynot Canyon, E side of Inyo Mtns	12-May-00	E/ P
larvae on <i>Dedeckera eurekaensis</i> ; range extension from White Mountains and Last Chance Range			
<b>RIODINIDAE</b>			
<i>Apodemia mormo</i>	KERN: Kernville, .5 miles south	06-Jun-99	KD
nr mormo; identification unsure until collections in year 2000 confirmed this as new entity in the complex			
<i>Apodemia mormo</i>	KERN: .5 - 1.3 m S of Kernville; nr golf course	20-May-00 - 27-May-00	KD
nr mormo; very large black population, sympatric with what appears to be subspecies <i>davenporti</i> .			
<i>Apodemia mormo</i>	San Luis Obispo: Santa Margarita, 6 to 20 miles east on Hwy. 5	18-Sep-00	KD
nr mormo; Sympatric with subspecies <i>virgulti</i> in varying percentages near <i>E. fasciculatum</i> .			
<i>Apodemia mormo</i>	Kern: .5 - 3 m S of Kernville; E slope Greenhorn Mtns	26-Sep-00 - 28-Oct-00	KD
nr mormo; Second brood on <i>Eriogonum wrightii</i> , sympatric with ssp. <i>tuolumnensis</i> using <i>E. fasciculatum</i> . LATE!			
<i>Apodemia mormo tuolumnensis</i>	Kern: Kernville, 1.3 miles south	01-Sep-00 - 28-Oct-00	KD
LATE for this entity. Flight for this ssp. began in late July, sympatric mormo appeared in late September.			
<i>Apodemia mormo tuolumnensis</i>	San Luis Obispo : Santa Margarita, 26 miles east on Hwy. 58	18-Sep-00	KD
NORTHWEST for Coast Range. No ssp. mormo or <i>virgulti</i> sympatric with this entity!			
<b>NYMPHALIDAE</b>			
<i>Polygonia zephyrus</i>	Kern: 1 mi E of Sageland	01-Apr-00	KD
taken in desert wash which is unusual			
<i>Nymphalis milberti subpallida</i>	Sutter: Sutter	25-May-00	JAD
unusual in lowland Sacramento Valley			
<i>Speyeria cybele leto</i>	Calaveras: Dorrington	25-Jul-00	RVK
<i>Speyeria coronis</i>	MONO: nr Obsidian Camp, Jct Hwy 395 & Sonora Pass Rd	17-Aug-00	KD
nr <i>synderi</i> ; Common, sympatric with seven other <i>Speyeria</i> species!			
<i>Speyeria coronis snyderi</i>	Nevada: Donner Pass area	24-Jun-00	EDB
<i>Chlosyne acastus</i>	Nevada: Lake Spalding, Grouse Ridge	23-Jul-00	EDB
LATE			
<i>Chlosyne hoffmanni</i>	Nevada: Washington	21-May-00	EDB
EARLY			
<i>Euphydryas chalcedona sperryi</i>	Siskiyou: Bartle	02-Aug-00	E/ P
larvae on <i>Symphoricarpos</i> ; larvae of <i>E. chalcedona dwinellei</i> on <i>Keckiella breviflora</i> at nearby McCloud River			
<i>Euphydryas editha monoensis</i>	Inyo: Big Pine Creek and Canyon	30-May-00	KD
EARLY and SOUTH.			
<i>Cercyonis oetus</i>	Placer: Tinker Knob, 8900'	11-Aug-00	EDB

**Moths****HEPIALIDAE**

*Hepialus behrensi* TULARE: Poison Mdw, 7600' 01-Jul-00 KMR  
uncommon and local

**OECOPHORIDAE**

*Pleurota albastrigulella* VENTURA: Frazier Mt Rd, 5425' 20-May-00 KMR

**COLEOPHORIDAE**

*Coleophora mayrella* YOLO: Davis 11-Jun-00 JAD  
Not in MONA but reported possible by J.F. Landry in article in Can. Ent. First STATE listing.

**GELECHIIDAE**

*Telphusa sedulitella* YOLO: Davis 26-May-00 JAD  
*Xenolechia querciphaga* YOLO: Davis 21-May-00 JAD  
*Lita puertella* INYO: Pleasant Valley Dam Rd at Rt 395, 4430' 06-Oct-00 KMR  
*Lita rectistrigella* INYO: Pleasant Valley Dam Rd at Rt 395, 4430' 06-Oct-00 KMR  
*Lita variabilis* INYO: Pleasant Valley Dam Rd at Rt 395, 4430' 06-Oct-00 KMR  
*Chionodes trichostola* YOLO: Davis 15-Jun-00 JAD

**PLUTELLIDAE**

*Ypsolopha barberella* VENTURA: Frazier Mt Rd, 5425' 20-May-00 KMR  
*Ypsolopha cervella* YOLO: Davis 26-May-00 JAD

**SESIIDAE**

*Sesia tibialis* GLENN: 5 mi S of Chrome 07-Jun-00 V/L  
*Sesia tibialis* TEHAMA: Wbodson Btidge, SE of Corning 07-Jun-00 V/L

**COSSIDAE**

*Prionoxystus robiniae mixtus* YOLO: Davis 03-Apr-00 JAD  
female-subspecies id is not assured

**TORTRICIDAE**

*Phaneta octopunctana* TULARE: Poison Mdw, 7600' 01-Jul-00 RHL  
TL for octopunctana is CO, but this matches description. New STATE record if correct  
*Proteoteras arizonae* MONTEREY: Carmel River 06-Feb-00 RHL  
on STATE list but no other specimens verified  
*Ancylis discigerana* TULARE: Poison Mdw, 7600' 01-Jul-00 KMR  
*Cydia gallaesaliciana* YOLO: Davis 23-May-00 JAD  
STATE RECORD and substantial range extension, according to Powell. Female and distinctive  
*Acleris paracinderella* MONTEREY: Carmel River 06-Feb-00 RHL

**PYRALIDAE**

*Petrophila jalscalis* SISKIYOU: Mt Shasta City, 3554' 22-Jun-00 RLL  
*Evergestis funalis* SOLANO: Stebbins Cold Cyn Res., 9 mi WWnters 12-Jun-00 JAD  
*Pyrausta fodinalis* SOLANO: Stebbins Cold Cyn Res., 9 mi WWnters 12-Jun-00 JAD  
*Pyralis farinalis* SISKIYOU: Mt Shasta City, 3554' 22-Jun-00 RLL

**GEOMETRIDAE**

*Melanolophia imitata* SOLANO: Stebbins Cold Cyn Res., 9 mi WWnters 04-Apr-00 JAD  
*Eusarca falcata* TEHAMA: I-5 S of Cottonwood 19-Oct-00 RLL  
*Eusarca falcata* SHASTA: I-5 Shasta Lake Rest Area 23-Oct-00 RLL  
*Hydriomena borussata* TULARE: Poison Mdw, 7600' 01-Jul-00 RHL  
*Hydriomena feminata* MONTEREY: Carmel River 06-Feb-00 RHL  
*Xanthorhoe defensaria* SOLANO: Stebbins Cold Cyn Res., 9 mi WWnters 12-Jun-00 JAD  
*Eupithecia gilvipennata* SOLANO: Stebbins Cold Cyn Res., 9 mi WWnters 04-Apr-00 GK  
*Eupithecia cestata* SOLANO: Stebbins Cold Cyn Res., 9 mi WWnters 04-Apr-00 JAD  
*Eupithecia absinthiata* TULARE: Poison Mdw, 7600' 01-Jul-00 RHL

**SATURNIIDAE**

*Hemileuca hera* PLACER: Pacific Crest Trail, Mt Anderson, 8200' 28-Jul-00 EDB

**SPHINGIDAE**

*Manduca sexta* YOLO: Davis 17-Sep-00 JAD  
*Manduca quinquemaculata* PLACER: Granite Bay 13-Aug-00 EDB

**ARCTIIDAE**

*Spilosoma vestalis* DEL NORTE: Middle Fork of the Smith River @ Hwy 199 22-Jun-00 RCM  
*Hyphantria cunea* DEL NORTE: Middle Fork of the Smith River @ Hwy 199 22-Jun-00 RCM  
*Grammia ornata* DEL NORTE: Middle Fork of the Smith River @ Hwy 199 22-Jun-00 RCM

**NOCTUIDAE**

*Catocala nevadensis* INYO: Pleasant Valley Dam Rd at Rt 395, 4430' 06-Oct-00 KMR  
*Paectes declinata* RIVERSIDE: Aguanga, 2000' 29-Sep-00 RHL  
further inland extension, but in coastal sage scrub  
*Bagisara buxeta* SOLANO: Stebbins Cold Cyn Res., 9 mi WWnters 14-Aug-00 JAD  
*Pseudanarta caeca* INYO: Pleasant Valley Dam Rd at Rt 395, 4430' 06-Oct-00 KMR  
*Zotheca tranquilla* YOLO: Davis 23-May-00 JAD

Leucania anteoclara	INYO: Pleasant Valley Dam Rd at Rt 395, 4430'	06-Oct-00	KMR
Pseudorthodes virgula	TULARE: Poison Mdw, 7600'	01-Jul-00	RHL
Agrotis vetusta	INYO: Pleasant Valley Dam Rd at Rt 395, 4430'	06-Oct-00	KMR
Euxoa quadridentata flutea	INYO: Pleasant Valley Dam Rd at Rt 395, 4430'	06-Oct-00	KMR

## NEVADA

No report on general conditions but southern Nevada had a very dry year. Three state record were reported for moths.

### Butterflies

#### NYMPHALIDAE

Phyciodes orseis herlani	Washoe: Stateline	30-Jun-00	EDB
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### Moths

#### PYRALIDAE

Homoeosoma oxycercus	CLARK: Laughlin	05-Apr-00	RHL
STATE RECORD			

#### SATURNIIDAE

Hemileuca electra mojavensis	CLARK: Searchlight, N end of town	19-Sep-00	CEH
Hemileuca burnsi	CLARK: Searchlight, N end of town	19-Sep-00	CEH
Hemileuca neumoegeni	CLARK: Searchlight, N end of town	19-Sep-00	CEH

#### NOCTUIDAE

Schinia argentifascia	CLARK: Searchlight, N end of town	19-Sep-00	CEH
STATE RECORD according to Chuch Harp			
Schinia alba fascia	CLARK: Searchlight, N end of town	19-Sep-00	CEH
Schinia walsinghami	CLARK: Searchlight, N end of town	19-Sep-00	CEH
Schinia unimacula	CLARK: Searchlight, N end of town	19-Sep-00	CEH
Schinia oculata	CLARK: Searchlight, N end of town	19-Sep-00	CEH
STATE RECORD according to Chuch Harp			

## Zone 4 Rocky Mountains

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

Coordinator: Ray E. Stanford

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 GFP : Gordon F. Pratt  
 CAS : Charles A. Sekerman  
 KAS : Kit Stanford  
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 BW : Byron Weber

### General Comments:

We received input from Alberta for the first time in several years, so data are presented from that province and all five states in Zone 4 this year. There were 33 contributors, which is about a normal number. The larger numbers the previous two years resulted from a backlog of data from prior years, as far back as 100 years ago. I believe it is appropriate that these early and historic records be included in our database, and that our pioneer lepidopterists such as Thomas Say (Colorado), Morton Elrod (Montana), Thomas Spalding (Utah), Francise Snow (New Mexico), Jim Bridger (Wyoming), and even the data recorded by Lewis and Clark in 1808, be recognized for their important contributions. Four participants in 2000 have sent data for at least 22 consecutive years: Cliff Ferris, Steve Kohler, James Scott, and your faithful coordinator, RES. It is actually Scott's 38th year and my 37th year, so a party may be in order in two or three more years! Kit and I will host the celebration at our cabin, the evening of our 29th annual 4th of July Butterfly Count in Gilpin County, Colorado, Sunday, July 6, 2003. Anyone who has sent data for the Season Summary for 40 or more years is cordially invited to attend, so make your reservations now! Bob Langston, who has contributed to one or more zones for 42 consecutive seasons, leads the pack; he and Evy are especially invited! No one reported from more than four states in 2000, but CEH and I contributed data from Colorado, Montana, New Mexico, and Wyoming. Several others contributed from more than one state. Finally, I want to thank our son, Scott, for helping me put both our own field notes and the entire Zone 4 summary into a computer format that allows me to prepare the summary much more efficiently, and retain the data in a more easily accessible format. The 1937 Underwood is finally on the museum shelf! Our results include 185 butterfly records and 182 moth records, including 2 STATE records and 98 COUNTY records for butterflies, and 25 STATE and

170 COUNTY records for moths. As usual, more than half of the records are from Colorado, where there are nearly two dozen active collectors/photographers. Butterfly species numbered 126 (77 COUNTY records) and 112 moth species. The total butterfly species recorded over the 22 years that I have served as Zone 4 Coordinator went from 405 to 409 in 2000; we didn't get any new ones, but splitting of *Apodemia* and *Euphilotes* gave us another metalmark and three additional blues! With the emerging new molecular systematics, we should reach 500 butterfly species within 20 years, without swinging a net! We have made only modest progress on our total average and projected butterfly species: Zone 4 average species/county went from 108.1 to 108.5, and percent of projection went from 90.8 to 91.0. We really need a lot more help in raising these numbers while most of the habitats still exist; in 20 years it may be too late to find out what we have lost. At least half of the potential county records for larger moths still need to be documented. I have been told that there are probably several hundred moth species yet to be described from Zone 4. We request help in the pursuit of this major project! We found 23 EARLY records and only 4 LATE records in 2000, compared with 12 EARLY records and 21 LATE records in 1999. This supports our observations that 2000 was an early and warm season, while 1999 was late and wet. This year's summary is dedicated to Charles M. Schulz, the creator of "Peanuts", who died in 2000. I met him in 1959 at the Methodist Church in Palo Alto, California, where he drew a cartoon of Charlie Brown trying to collect a butterfly with a net; as far as I know that drawing still hangs in the narthex of the church. Did he ever collect it? Did he ever kick that football?

## ALBERTA

Thanks to Norbert Kondla for his contributions. The *Satyrrium* from southwestern Alberta, formerly called *S. acadicum montanensis*, is actually *S. sylvinum*. All *S. acadicum* from the Rocky Mountains are typical of that species, while *S. sylvinum* are different in at least two distinct characters.

### Butterflies

#### HESPERIIDAE

<i>Ochlodes sylvanoides</i>	3 mi NE of Standard [about 80 mi E of Calgary]	28-Jul-00	NGK
Northeast range extension by about 100 mi.			

#### LYCAENIDAE

<i>Satyrrium sylvinum</i>	Middle Kootenay Pass	01-Aug-00	NGK
PROVINCIAL RECORD [earlier ones "academicum"]			

## COLORADO

There were 18 contributors, compared with 21 in 1999. A near normal mountain snowpack evaporated in a warm, dry, late winter and early spring. Drought continued through June, causing a very advanced and generally poor year for both butterflies and moths. The 21 total EARLY butterfly records compared with only 4 LATE records reflects this temporal shift. For butterflies, there are 89 data points including 27 COUNTY records for 73 species (25 with COUNTY records). For moths, there were 133 data points, 15 STATE records, 128 COUNTY records, 96 species, and 92 species with COUNTY records. Prairie skippers had another poor year, but there were more fall-flying nymphalids than in the previous two years. Numerous forest fires made national news, mainly in late June and July. Fall came early, with killing frosts in late October. November was the second coldest in history. The Snout butterfly was found several times, including in MOFFAT County (KR), and the pygmy blue was found here and there in the fall. *Phyciodes mylitta* continues to move north along the east side of the urban corridor, and will probably make it up to Denver in 2001. Butterfly stats now average 119.2 species/county, and we have finally reached 93% of projection.

### Butterflies

#### HESPERIIDAE

<i>Erynnis telemachus</i>	DENVER: East Denver, 5300'	06-Jun-52	DP1
Specimen at DMNS, det. RES 1997.			
<i>Erynnis telemachus</i>	Jefferson: S Platte Cn, 56-5800'	25-Mar-00	RES
RES early			
<i>Erynnis persius fredericki</i>	Boulder: 6 mi NW of Lyons, 6500'	13-Apr-00	GLM
Early date [previous 20 Apr].			
<i>Pyrgus ruralis</i>	Larimer: S of Red Feather Lakes	21-May-00	MSF
Common, fresh to worn.			
<i>Pyrgus ruralis</i>	Gilpin: Dory Hill to Hewesville Gulch trail, 8900-8600'	11-Jun-00	RES
RES early			
<i>Pyrgus scriptura</i>	Jefferson: S Platte Cn, 56-5800'	25-Mar-00	RES
RES early			
<i>Pyrgus scriptura</i>	El Paso: Holtwood Rd @ Horse Creek, 6000'	07-Jul-00	RES
RES and MSF			
<i>Pholisora catullus</i>	GILPIN: Golden Gate Canyon SP, 8400'	09-Jul-00	RES
Observed by Marc Epstein party.			
<i>Hesperia uncas</i>	SUMMIT: Breckenridge, 9600'	09-Aug-69	DP1
<i>Hesperia juba</i>	TELLER: Crystola, 8950'	19-Oct-00	RES
<i>Hesperia comma colorado</i>	Gilpin: Near Rollinsville, 8600'	09-Jul-00	RES
New for Gilpin butterfly count.			
<i>Hesperia leonardus pawnee</i>	Douglas: Hidden Pointe area	24-Aug-00	RES
Development looms. Only males seen.			
<i>Hesperia nevada</i>	Gilpin: Dory Hill to Hewesville Gulch trail, 8900-8600'	11-Jun-00	RES
Trail now closed by landowners.			
<i>Polites sabuleti</i>	HUERFANO: 5 mi east of N La Veta Pass, 7800'	26-Aug-00	CAS
Nectaring on rabbitbrush w/ <i>H. c. oroplata</i> .			

Atrytone arogos	Jefferson: US 6, Clear Creek Cyn, 0.7 mi W of Golden, 5900'	18-Jun-00	RES
Early date [prev. 21 Jun]; only one seen.			
Atrytonopsis vierecki	Fremont: Royal Gorge; females nectaring on Oxytropis	27-May-00	MSF
Amblyscirtes vialis	LAS ANIMAS: Lake Dorothy SWA, 7800'	25-Jun-00	SJC
Megathymus coloradensis	KIT CARSON: Flagler SWA, 4.5 mi E of Flagler, 4835'	03-May-00	RES
One female [my first ever] collected.			
Megathymus streckeri	LOGAN: CR 9, 65 mi N of Fort Morgan, chalk bluffs	28-May-00	RES
<b>PAPILIONIDAE</b>			
Parnassius phoebus sayii	Larimer: N slope of Ypsilon Mtn, 12,500'	17-Sep-00	PT1
Late date [previous 14 Sep].			
Battus philenor	Douglas: Hidden Pointe area	24-Aug-00	RES
Late date [previous 15 Aug].			
Papilio polyxenes	Jefferson: Loretto Center hill	05-Apr-00	RES
Early date [previous 12 Apr].			
Papilio zelicaon	COSTILLA: Microwave tower, 3.7 SSE of Ft Garland, 8150'	26-Apr-00	RES
form 'nitra'; not new for yellow form of zelicaon.			
Papilio zelicaon	Logan: CR 9, 65 mi N of Fort Morgan, chalk bluffs	28-May-00	RES
Associated with cushion plant Umbellifer			
Papilio indra	Jefferson: Mt Zion, 7100'	10-May-00	CPS
Early date [previous 14 May].			
Papilio eurymedon	DENVER: East Denver, 5300'	09-Jun-58	DP1
Worn female, in DMNS collection.			
<b>PIERIDAE</b>			
Neophasia menapia	Jefferson: Golden Gate Canyon, 6800'	09-Jul-00	RES
New for Gilpin butterfly count.			
Pontia sisymbrii	Costilla: Microwave tower, 3.7 SSE of Ft Garland, 8150'	26-Apr-00	RES
Mtn Bluebirds, 3 spp Jays, VG Sws.			
Pontia protodice	Costilla: 4.5 mi E of San Francisco, 9100'	27-Apr-00	RES
Search for thoosa/ lotta; no luck.			
Pontia occidentalis	Logan: CR 9, 65 mi N of Fort Morgan, chalk bluffs	28-May-00	RES
Pieris marginalis	Summit: 0.5-2.0 mi W of Loveland Pass, 11500'	15-Jun-00	RES
Season advanced; nearly no snow left.			
Euchloe olympia	Cheyenne: Nr jct CRs M/ 2, 9 mi S of Aroya	03-May-00	RES
Colias scudderii	Gilpin: Near Rollinsville, 8600'	09-Jul-00	RES
New national high for individuals/ count.			
Kricogonia lyside	Jefferson: US 6, Clear Creek Cyn, 0.7 mi W of Golden, 5900'	21-Jun-00	RES
KAS/ RES/ Pat Morgan			
<b>LYCAENIDAE</b>			
Lycaena cuprea snowi	Summit: 0.5-2.0 mi W of Loveland Pass, 11500'	15-Jun-00	RES
Very early date [previous 2 Jul].			
Lycaena rubida	Grand: US 40, 0.5 mi N of Wnter Park Village, 8750'	18-Jun-00	RES
Very early date WSlope [prev. 24 Jul].			
Lycaena nivalis	Gilpin: East Portal of Moffat Tunnel	23-Aug-00	RES
Now all National Forest land			
Hypaurotis crysalus	Fremont: Royal Gorge	24-Jun-00	MSF
Early date [previous 4 Jul].			
Hypaurotis crysalus	El Paso: Baptist Rd at Jackson Creek, 6800', E of I-25	07-Jul-00	MSF
Again very rare in 2000.			
Satyrium titus immaculosus	ALAMOSA: Great Sand Dunes	26-Jul-59	DP1
2 males in DMNS collection, det. RES 1997.			
Satyrium sylvinum	El Paso: Baptist Rd at Jackson Creek, 6800', E of I-25	07-Jul-00	MSF
Early date [previous 9 Jul].			
Satyrium saepium	Jefferson: Mt Zion Road, 6800', nectaring on Ceanothus	18-Jun-00	RES
Early date [previous 21 Jun].			
Callophrys comstocki paradoxa	MONTEZUMA: Headquarters Cn, Mesa Verde NP, 7800'	07-May-99	PAO
Callophrys apama homoperplexa	LOGAN: CR 9, 65 mi N of Fort Morgan, chalk bluffs	28-May-00	RES
Callophrys apama homoperplexa	MORGAN: S/ N scarps, Wildcat Cr, SR 52, 7-11 mi N Ft Morgan	28-May-00	RES
Callophrys apama homoperplexa	Douglas: Mitchell Gulch at Founders Village, 6400'	31-Jul-00	ADW
Second generation [LATE is 20 Aug 90 JAS].			
Callophrys sheridanii	Gilpin: East Portal of Moffat Tunnel, 9400'	18-Oct-00	RES
Weird record; not counted as "early" or late"			
Callophrys spinetorum	Gilpin: Dory Hill to Hewesville Gulch trail, 8900-8600'	11-Jun-00	RES
Brephidium exile	Douglas: Stonegate School	14-Oct-00 - 21-Oct-00	TWO
Several seen each date.			
Celastrina neglecta	Douglas: Mitchell Gulch at Founders Village, 6400'	31-Jul-00	ADW
One female collected.			
Plebejus shasta pitkinensis	Clear Creek: Mt Evans Rd: Mt Goliath Nature Trail	23-Jun-00	RES
Early date [previous 8 July].			

Plebejus acmon	Cheyenne: Nr jct CRs M/ 2, 9 mi S of Aroya	03-May-00	RES
Fresh spring generation.			
Agriades rusticus	DENVER: East Denver, 5300'	17-Jun-58	DP1
1 fresh male in DMNS collection, det. RES.			
Agriades rusticus	Gilpin: Stanford cabin, Dory Hill, 8900'	09-Jul-00	RES
New national high for individuals/ count.			
<b>NYMPHALIDAE</b>			
Libytheana bachmanii larvata	Jefferson: Clear Creek Cn above Tunnel , 6800'	09-Jul-00	RES
New for Gilpin butterfly count.			
Libytheana bachmanii larvata	Douglas: Castle Pines North and Plum Creek, 6280-6450'	23-Jul-00 - 05-Aug-00	ADW
One individual each date.			
Libytheana bachmanii larvata	MOFFAT: Green River at Swinging Bridge	13-Sep-00	KR
First record from NW part of Colorado.			
Polygonia comma	DENVER: East Denver, 5300'	26-Jun-53	DP1
Polygonia satyrus	COSTILLA: 4.5 mi E of San Francisco, 9100'	27-Apr-00	RES
Polygonia hylas	Douglas: North gulch, Hunt Mountain	02-Aug-00	ADW
East for Denver area; known Black Forest.			
Polygonia hylas	Gilpin: East Portal of Moffat Tunnel	23-Aug-00	RES
Fresh, common.			
Nymphalis californica	Douglas: Base of Dawson Butte, 6400'	05-Aug-00	ADW
Latest date in 53 years [cf. 16 Oct 1947].			
Vanessa annabella	Douglas: Hidden Pointe, 6400', 8 mi NNW of Castle Rock	13-Oct-00	ADW
Leg. Sally Warren.			
Vanessa annabella	TELLER: Crystola, 8950'	19-Oct-00	RES
LATE date is 11 November; we can beat it!			
Speyeria mormonia	Clear Creek: Rogers Peak, 12,000'; reduced numbers in 2000	10-Jun-00	CPS
Early date [previous 12 Jun].			
Boloria bellona toddi	Grand: US 40, 05 mi N of Wnter Park Village, 8750'	18-Jun-00	RES
Advanced by about 2 weeks			
Phyciodes tharos	GILPIN: Golden Gate Canyon SP, 8400'	09-Jul-00	RES
Observed by Marc Epstein party.			
Phyciodes tharos	Douglas: Mitchell Gulch at Founders Village, 6400'	31-Jul-00	ADW
Rare in the entire Denver metro region.			
Phyciodes pallidus barnesi	MONTEZUMA: Headquarters Cn, Mesa Verde NP, 7800'	12-Jun-51	PAO
Leg. Bernard Rotger, det. F. Martin Brown.			
Phyciodes mylitta arizonensis	DOUGLAS: North gulch, Hunt Mountain	27-May-00	TWO
North range extension for East Slope.			
Phyciodes mylitta arizonensis	EL PASO: Holtwood Rd @ Horse Creek, 6000'	07-Jul-00	RES
RES and MSF.			
Phyciodes mylitta arizonensis	Douglas: Mitchell Gulch at Founders Village, 6400'	31-Jul-00	ADW
Further N range extension. Denver next?			
Chlosyne palla flavula	LAKE: W side of Mosquito Pass, 13,000'	16-Jul-99	AG
High elevation record [previous 12,500'].			
Chlosyne whitneyi damoetas	Summit: 0.5-2.0 mi W of Loveland Pass, 11500'	15-Jun-00	RES
Very early date [previous 2 Jul].			
Euphydryas anicia eurytion	Clear Creek: Mt Evans Rd: Mt Goliath Nature Trail	23-Jun-00	RES
Early date for "brucei" [previous 28 June].			
Limnitis archippus	Boulder: Calvert Lodge, near Jamestown, 7600'	04-Jul-00	JPC
First montane record from Front Range.			
Adelpha bredowii eulalia	CONEJOS: Hot Creek, W of Capulin	24-Aug-00	MSF
Anaea troglodyta aidea	DENVER: 2500 S Logan St, 5400'	13-Sep-75	MSF
Leg. D. E. Philippon; det confirmed RES.			
Cyllopsis pertepida dorothea	Jefferson: Clear Creek Cn above Tunnel #3, 6800'	09-Jul-00	RES
Leg. Dale Barlow.			
Coenonympha ochracea	DENVER: East Denver, 4th Ave and Birch St, 5350'	04-Jul-54	DP1
Erebia magdalena	Summit: 0.5-2.0 mi W of Loveland Pass, 11500'	15-Jun-00	RES
Early date [previous 18 Jun].			
Erebia theano	Gilpin: Near Rollinsville, 9300'	09-Jul-00	RES
New for Gilpin butterfly count.			
Erebia episodea rhodia	Jefferson: TINYTOWN, 6950'	18-Jun-97	JAS
Low elevation for form "brucei", a female.			
Neominois ridingsii wyomingo	Larimer: RMNP, various locations	14-Aug-00 - 12-Sep-00	GLM
Who has earlier or later dates? Send 'em!			
Oeneis chryxus	Gilpin: Stanford cabin, Dory Hill, 8900'	09-Jul-00	RES
Very uncommon for even # year here.			
Oeneis jutta reducta	Grand: US 40, 0.5 mi N of Wnter Park Village, 8750'	18-Jun-00	RES
Early date [previous 21 Jun].			
Oeneis melissa lucilla	Clear Creek: Rogers Peak, 12,144'	10-Jun-00	CPS
Early date [previous 23 Jun].			

<i>Oeneis melissa lucilla</i>	Clear Creek: Mt Evans Rd: Mt Goliath Nature Trail, 12,500'	23-Jun-00	RES
Early date [previous 28 June].			
<i>Oeneis polixenes brucei</i>	Clear Creek: Rogers Peak, 12,144'	10-Jun-00	CPS
Very early date [previous 28 Jun].			
<b>Moths</b>			
<b>TORTRICIDAE</b>			
<i>Decodes horarianus</i>	GILPIN: Stanford cabin, Dory Hill, 8900'	17-Sep-00	RES
<b>THYATIRIDAE</b>			
<i>Habrosyne scripta</i>	GILPIN: Stanford cabin, Dory Hill, 8900'	04-Jul-99	RES
<b>GEOMETRIDAE</b>			
<i>Semiothisa adonis</i>	GILPIN: Stanford cabin, Dory Hill, 8900'	04-Jul-99	RES
<i>Glena nigricaria</i>	GILPIN: Stanford cabin, Dory Hill, 8900'	04-Jul-99	RES
<i>Stenoporpia glaucomarginaria</i>	GILPIN: Stanford cabin, Dory Hill, 8900'	04-Jul-99	RES
<i>Stenoporpia separataria</i>	GILPIN: Stanford cabin, Dory Hill, 8900'	09-Sep-97	KAS
<i>Cabera variolaria</i>	GILPIN: Stanford cabin, Dory Hill, 8900'	04-Jul-99	RES
<i>Hydriomena morosata</i>	GILPIN: Stanford cabin, Dory Hill, 8900'	06-Jul-97	RES
<i>Coryphista meadii</i>	GILPIN: Stanford cabin, Dory Hill, 8900'	17-Sep-00	RES
<i>Stamnodes formosata</i>	GILPIN: Stanford cabin, Dory Hill, 8900'	04-Jul-99	RES
<i>Stannoctenis morrisata</i>	GILPIN: Stanford cabin, Dory Hill, 8900'	04-Jul-99	RES
<i>Xanthorhoe defensaria</i>	GILPIN: Stanford cabin, Dory Hill, 8900'	31-Aug-97	RES
<i>Xanthorhoe mirabilata</i>	GILPIN: Stanford cabin, Dory Hill, 8900'	05-Jul-98	RES
<i>Eupithecia ornata</i>	LARIMER: Viestenz-Smith Park, upper road	08-Jun-99	O/B
<i>Eupithecia ornata</i>	BOULDER: RMNP: Wild Basin Trailhead	11-Jun-99	O/B
All <i>Eupithecia</i> genitalic dets by CDF.			
<i>Eupithecia ornata</i>	MESA: Colo NM: Headquarters residence areas	11-Sep-99 - 12-Sep-99	O/B
<i>Eupithecia columbiata</i>	JEFFERSON: Chimney Gulch, Mt Zion Rd, W of Golden, 6500'	07-Jun-99	PAO
With JWB and PMP.			
<i>Eupithecia columbiata</i>	LARIMER: Viestenz-Smith Park, upper road	08-Jun-99	O/B
STATE RECORD			
<i>Eupithecia maestosa</i>	LARIMER: Viestenz-Smith Park, upper road	08-Jun-99	O/B
<i>Eupithecia edna</i>	MESA: Colorado NM: Red Canyon	23-Jul-99 - 24-Jul-99	PAO
leg. J. Moore.			
<i>Eupithecia pseudotsugata</i>	BOULDER: RMNP: Wild Basin Trailhead	11-Jun-99	O/B
STATE RECORD			
<i>Eupithecia sierrae</i>	LARIMER: RMNP: Twin Owls Trailhead	17-Jul-95	PAO
Leg. D. Katz.			
<i>Eupithecia macdunnoughi</i>	MONTEZUMA: MVNP: Kodak House Overlook	07-May-99	O/B
STATE RECORD			
<i>Eupithecia intricata taylorata</i>	LARIMER: RMNP: Twin Owls Trailhead	17-Jul-95	PAO
leg. D. Katz.			
<i>Eupithecia intricata taylorata</i>	BOULDER: RMNP: Wild Basin Trailhead	11-Jun-99	O/B
<i>Eupithecia uinta</i>	BOULDER: RMNP: Wild Basin Trailhead	11-Jun-99	O/B
STATE RECORD			
<i>Eupithecia nimbicolor</i>	LARIMER: Viestenz-Smith Park, upper road	08-Jun-99	O/B
<i>Eupithecia nimbicolor</i>	BOULDER: RMNP: Wild Basin Trailhead	11-Jun-99	O/B
<i>Eupithecia multistrigata</i>	LARIMER: RMNP: Twin Owls Trailhead	17-Jul-95	PAO
Leg. D. Katz.			
<i>Eupithecia multistrigata</i>	MESA: Colorado NM: Red Canyon	23-Jul-99 - 24-Jul-99	PAO
Leg. J. Moore.			
<i>Eupithecia multistrigata</i>	MONTEZUMA: MVNP: Park Point	11-Aug-99	PAO
Leg. M. Schmidt.			
<i>Eupithecia annulata</i>	BOULDER: RMNP: Wild Basin Trailhead	11-Jun-99	O/B
<i>Eupithecia niphadophilata</i>	LARIMER: RMNP: Endovalley Picnic Area	07-Oct-97	PAO
STATE RECORD			
<i>Eupithecia appendiculata</i>	LARIMER: RMNP: Upper Beaver Meadows	28-Jun-95	PAO
STATE RECORD; leg. D. Katz.			
<i>Eupithecia appendiculata</i>	MONTEZUMA: MVNP: Near Research Office	04-May-99	O/B
<i>Eupithecia niveifascia</i>	LARIMER: Viestenz-Smith Park, upper road	08-Jun-99	O/B
<i>Eupithecia niveifascia</i>	BOULDER: RMNP: Wild Basin Trailhead	11-Jun-99	O/B
<i>Eupithecia flavigutta</i>	JEFFERSON: Chimney Gulch, Mt Zion Rd, W of Golden, 6500'	07-Jun-99	PAO
With JWB and PMP. Northeast range extens.			
<i>Eupithecia johnstoni</i>	LARIMER: Viestenz-Smith Park, upper road	08-Jun-99	O/B
STATE RECORD			
<i>Eupithecia adequata</i>	MESA: John Brown Cn, W of Gateway	17-May-99	PAO
STATE RECORD; Leg. J. S. Nordin [JSN].			
<i>Eupithecia nevadata</i>	MONTEZUMA: MVNP: Kodak House Overlook	07-May-99	O/B
Co-observer was Mr. Wells.			

Prorella leucata STATE RECORD; All Prorella dets. by CDF.	MESA: Colo NM: Headquarters residence areas	11-Sep-99 - 12-Sep-99	O/B
Prorella albida STATE RECORD	MESA: Colorado NM: Red Canyon	23-Jul-99 - 24-Jul-99	O/B
Prorella mellisa STATE RECORD; All Prorella dets. by CDF.	MESA: Colo NM: Headquarters residence areas	11-Sep-99 - 12-Sep-99	O/B
Prorella opinata	MESA: Colorado NM: Red Canyon	23-Jul-99 - 24-Jul-99	O/B
<b>LASIOCAMPIDAE</b>			
Tolyte distincta	GILPIN: Stanford cabin, Dory Hill, 8900'	17-Sep-00	RES
<b>SATURNIIDAE</b>			
Hemileuca grotei diana Dozens seen both dates.	Douglas: Hunt Mountain	10-Oct-00 - 15-Oct-00	TWO
Automeris io Three surviving pupated on 21 Aug 2000.	Boulder: 6 mi NW of Lyons 6500', larvae on Thermopsis	06-Jul-00	GLM
Hyalophora cecropia Photo by Dick and Ruth Austin, det. RES.	KIT CARSON: Sloan's Motel, Burlington, 4250'	09-Jul-99	RES
<b>SPHINGIDAE</b>			
Paonias myops	GILPIN: Stanford cabin, Dory Hill, 8900'	04-Jul-99	RES
<b>NOTODONTIDAE</b>			
Clostera apicalis	GILPIN: Stanford cabin, Dory Hill, 8900'	04-Jul-99	RES
Notodonta ochreatea STATE RECORD; Leg/ det PAO.	LARIMER: 5100 Greenview Ct, Fort Collins, 5100'	11-Jul-89	PAO
Schizura unicornis STATE RECORD; Leg/ det PAO.	LARIMER: 5100 Greenview Ct, Fort Collins, 5100'	26-Jun-89	PAO
<b>ARCTIIDAE</b>			
Leptarctia californiae First San Luis Valley record.	COSTILLA: 45 mi E of San Francisco, 9100'	27-Apr-00	RES
Turuptiana permaculata	GILPIN: Stanford cabin, Dory Hill, 8900'	04-Jul-99	RES
Grammia williamsii	GILPIN: Stanford cabin, Dory Hill, 8900'	04-Jul-99	RES
Lophocampa maculata	GILPIN: Stanford cabin, Dory Hill, 8900'	04-Jul-99	RES
<b>NOCTUIDAE</b>			
Idia lubricalis	DENVER: 720 Fairfax St, 80220 [east Denver], 5350'	30-Jul-96	RES
Drasteria mirifica	Kiowa: US287, 5-7 mi S Eads, 4050'	03-May-00	RES
Drasteria mirifica	Cheyenne: Nr jct CRs M/2, 9 mi S of Aroya	03-May-00	RES
Drasteria mirifica	Prowers: US287, 17 mi S Eads, 4000'	03-May-00	RES
Drasteria mirifica	Baca: Carrizo PG, 25 mi W of Campo, 4775'	03-May-00	RES
Anagrapha falcifera	Cheyenne: Nr jct CRs M/2, 9 mi S of Aroya	03-May-00	RES
Panthea acronyctoides	GILPIN: Stanford cabin, Dory Hill, 8900'	04-Jul-99	RES
Panthea gigantea	GILPIN: Stanford cabin, Dory Hill, 8900'	04-Jul-99	RES
Acronicta cyanescens	GILPIN: Stanford cabin, Dory Hill, 8900'	04-Jul-99	RES
Bellura obliqua	GILPIN: Stanford cabin, Dory Hill, 8900'	17-Sep-00	RES
Spodoptera exigua	GILPIN: Stanford cabin, Dory Hill, 8900'	17-Sep-00	RES
Cosmia calami	GILPIN: Stanford cabin, Dory Hill, 8900'	17-Sep-00	RES
Sunira bicolorago	GILPIN: Stanford cabin, Dory Hill, 8900'	17-Sep-00	RES
Cucullia arizona	GILPIN: Stanford cabin, Dory Hill, 8900'	29-Apr-00	RES
Melanchra pulverulenta	GILPIN: Stanford cabin, Dory Hill, 8900'	04-Jul-99	RES
Lacanobia tacoma	GILPIN: Stanford cabin, Dory Hill, 8900'	04-Jul-99	RES
Papestra brenda	GILPIN: Stanford cabin, Dory Hill, 8900'	04-Jul-99	RES
Hecatera sutrina	GILPIN: Stanford cabin, Dory Hill, 8900'	04-Jul-99	RES
Pseudaletia unipuncta	GILPIN: Stanford cabin, Dory Hill, 8900'	17-Sep-00	RES
Egira variabilis	GILPIN: Stanford cabin, Dory Hill, 8900'	17-May-98	RES
Agrotis vancouverensis	GILPIN: Stanford cabin, Dory Hill, 8900'	09-Jul-00	RES
Euxoa setonia	GILPIN: Stanford cabin, Dory Hill, 8900'	17-Sep-00	RES
Euxoa basalis	GILPIN: Stanford cabin, Dory Hill, 8900'	17-Sep-00	RES
Euxoa oblongistigma	GILPIN: Stanford cabin, Dory Hill, 8900'	17-Sep-00	RES
Euxoa auripennis	GILPIN: Stanford cabin, Dory Hill, 8900'	17-Sep-00	RES
Eutricopsis nexilis	BOULDER: Caribou, diurnal, photographed	10-Jun-00	GLM
Pyrrhia exprimens	GILPIN: Stanford cabin, Dory Hill, 8900'	04-Jul-99	RES
Erythroecia suavis	WELD: Keenesburg, 4955', Exit 39 from I-76, 4955'	05-Aug-00	CEH
Schinia volupia On Gaillardia pinnatifida	LAS ANIMAS: SR 109 at Rule Creek, 8 mi SE of Higbee, 3960'	16-May-00	CEH
Schinia volupia At gas station lights.	PUEBLO: I-25 at mp 102, North Pueblo, 4705'	12-Jul-00	CEH
Schinia volupia On Gaillardia x grandiflora	CHEYENNE: US 287 at Rd BB, N of Rule Creek, 4175'	22-Aug-00	CEH
Schinia volupia On Gaillardia x grandiflora	LINCOLN: US 287, 8 mi SE of Hugo, 4620'	22-Aug-00	CEH



Schinia volupia On Gaillardia x grandiflora	KIOWA: US 287, S of Cheyenne Co line @ Rush Creek, 4138'	22-Aug-00	CEH
Schinia siren At lights.	ELBERT: Elizabeth, new grocery mall along SR 86, 6341'	19-Aug-00	CEH
Schinia siren	PROWERS: Holly, US 50, at lights, 3427'	25-Aug-00	CEH
Schinia tuberculum	ARAPAHOE: I-70 and Manilla Road, at lights, 5663'	15-Aug-00	CEH
Schinia tuberculum STATE RECORD	ADAMS: Bennett, at lights near post office, 5643'	24-Aug-00	CEH
Schinia bicuspidata	MORGAN: Wiggins at carwash lights, just off I-76, 4326'	09-Aug-00	CEH
Schinia bicuspidata At lights.	WELD: Lochbuie, Exit 25 from I-76, 4990'	16-Aug-00	CEH
Schinia bicuspidata	PROWERS: Holly, US 50, at lights, 3427'	25-Aug-00	CEH
Schinia mortua	LINCOLN: Limon, S of I-70 at Exit 359, 5356'	03-Aug-00	CEH
Schinia mortua	WELD: Near I-76, Exit 57, 6 mi E of Roggen, 4950'	04-Aug-00	CEH
Schinia mortua	MORGAN: Wiggins at carwash lights, just off I-76, 4326'	09-Aug-00	CEH
Schinia mortua	JEFFERSON: Golden, off SR 93, 5803', at lights	12-Aug-00	CEH
Schinia mortua	ARAPAHOE: I-70 and Manilla Road, at lights, 5663'	15-Aug-00	CEH
Schinia mortua On Grindelia squarrosa	CHEYENNE: US 287 at Rd J, S of Kit Carson, 4244'	22-Aug-00	CEH
Schinia jaguarina On Psoralidium tenuiflorum	JEFFERSON: Stony Creek Addition Park, Littleton, 6230'	19-Jul-00	CEH
Schinia jaguarina	ELBERT: Elizabeth, new grocery mall along SR 86, 6341'	19-Aug-00	CEH
Schinia grandimedia On Brickellia eupatorioides	CHEYENNE: US 287 at Rd J, S of Kit Carson, 4244'	22-Aug-00	CEH
Schinia trifascia STATE RECORD	PUEBLO: East Pueblo, Troy Avenue, 4784', at lights	25-Aug-00	CEH
Schinia sexplagiata	MORGAN: Wiggins at carwash lights, just off I-76, 4326'	09-Aug-00	CEH
Schinia simplex	DOUGLAS: NW of Louviers, off US 85 along Plum Creek, 5685'	17-Jul-00	CEH
Schinia simplex	ARAPAHOE: Deer Creek, off I-70 at mp 328, 5222'	03-Aug-00	CEH
Schinia regia	PROWERS: Holly, US 50, at lights, 3427'	25-Aug-00	CEH
Schinia gaurae	FREMONT: US 50, 5 mi E of Penrose, 5193'	12-Jul-00	CEH
Schinia gaurae Larvae on Gaura mollis.	MORGAN: I-76 at mp 61, 1 mile W of Wiggins, 4890'	09-Aug-00	CEH
Schinia gaurae	CHEYENNE: Kit Carson, off US 287, larvae on Gaura mollis	22-Aug-00	CEH
Schinia gaurae Adults and larvae on Gaura mollis.	ELBERT: SR 86 near Kuhn's Crossing, mp 43, 5903'	22-Aug-00	CEH
Schinia meadi	TELLER: Crystola, 8950'	01-Jul-96	RES
Schinia meadi	ADAMS: Watkins, lights at post office, 5525'	03-Jun-00 - 23-Jun-00	CEH
Schinia meadi On Psoralidium lanceolatum.	DOUGLAS: NW of Louviers, off US 85 along Plum Creek, 5685'	17-Jul-00	CEH
Schinia tertia	ELBERT: Kiowa, SR 86 at Pawnee Street, 6412', at lights	19-Aug-00	CEH
Schinia tertia	PROWERS: Holly, US 50, at lights, 3427'	25-Aug-00	CEH
Schinia diffusa	MORGAN: Wiggins at carwash lights, just off I-76, 4326'	09-Aug-00	CEH
Schinia diffusa	ADAMS: Commerce City, SR 2 at 76th Avenue, at lights	16-Aug-00	CEH
Schinia diffusa	WELD: Lochbuie, Exit 25 from I-76, 4990'	16-Aug-00	CEH
Schinia diffusa	PROWERS: Holly, US 50, at lights, 3427'	25-Aug-00	CEH
Schinia coercita	MORGAN: Wiggins at carwash lights, just off I-76, 4326'	09-Aug-00	CEH
Schinia coercita	PROWERS: Holly, US 50, at lights, 3427'	25-Aug-00	CEH
Schinia cumatilis	MORGAN: Wiggins at carwash lights, just off I-76, 4326'	09-Aug-00	CEH
Schinia cumatilis	JEFFERSON: Golden, off SR 93, 5803', at lights	12-Aug-00	CEH
Schinia reniformis	ADAMS: Bennett, at lights near post office, 5643'	03-Aug-00	CEH
Schinia reniformis	PROWERS: Holly, US 50, at lights, 3427'	25-Aug-00	CEH
Schinia chrysellata	ELBERT: Elizabeth, new grocery mall along SR 86, 6341'	24-Jun-00	CEH
Schinia citrinella	PROWERS: US 50, east side of Lamar, 3555', at lights	25-Aug-00	CEH
Schinia snowi	ARAPAHOE: I-70 and Manilla Road, at lights, 5663'	03-Jun-00	CEH
Schinia snowi	ADAMS: Watkins, lights at post office, 5525'	03-Jun-00	CEH

## MONTANA

There were five contributors, compared with three in 1999. Despite numerous forest fires, more than twice as many data points were received than in 1999. The Sweetgrass Hills in northern Montana are revealing many unexpected northern species and deserve intensive study. Butterflies: 45 data points, 40 COUNTY records, 38 species (34 COUNTY records); stats average 86.8 species/county and 87.5% of projection. Moths: 10 data points, one STATE record, 7 COUNTY records for 7 species (6 with COUNTY records).

## Butterflies HESPERIIDAE

Thorybes pylades SW range extension	RAVALLI: Hoy Ranch, SE of Stevensville	23-May-99	WK
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<i>Pyrgus centaureae</i>	DEER LODGE: Goat Flats, Anaconda Range	26-Jul-00	SJK
<i>Hesperia juba</i>	LIBERTY: Breed Creek, East Butte, Sweetgrass Hills	15-Aug-96	BW
N range extension			
<i>Hesperia comma manitoba</i>	LIBERTY: Breed Creek, East Butte, Sweetgrass Hills	15-Aug-96	BW
<i>Hesperia pahaska</i>	DAWSON: 5 mi S of Glendive	27-Jun-00	SJK
<i>Hesperia nevada</i>	LIBERTY: Breed Creek, East Butte, Sweetgrass Hills	10-Aug-00	BW
<i>Polites sabuleti</i>	MISSOULA: Mount Jumbo, near Missoula	05-Jun-00	WK
<i>Polites peckius</i>	TOOLE: Gold Butte townsite, Sweetgrass Hills	18-Aug-99	BW
<i>Polites peckius</i>	CUSTER: Jct I-94 and SR 59 [Exit 138], Miles City	28-Jun-00	SJK
<i>Polites themistocles</i>	TOOLE: Cameron Lake, Sweetgrass Hills	01-Jul-00	WK
<i>Polites mystic</i>	POWELL: Cottonwood Lakes Rd, 55 mi E of Seeley Lake	10-Jul-00	SJK
<b>PAPILIONIDAE</b>			
<i>Papilio oregonius dodi</i>	CARTER: Vic Camp Needmore, 6 mi SE of Ekalaka	19-May-93	SJK
<i>Papilio oregonius dodi</i>	POWDER RIVER: 10 miles S of Volborg	20-May-93	SJK
<i>Papilio oregonius dodi</i>	RICHLAND: South of Sydney	24-May-94	SJK
Previously reported as <i>P. zelicaon</i> .			
<i>Papilio oregonius dodi</i>	MEAGHER: 4-mile Crk, 6000', Castle Mountains	13-Jun-95	SJK
<i>Papilio zelicaon</i>	Flathead: Glacier NP, Going-to-the-sun Hwy, W side	28-Jun-00	RES
A spectacularly beautiful day!			
<i>Papilio canadensis</i>	Flathead: Glacier NP, Going-to-the-sun Hwy, W side	28-Jun-00	RES
Very common.			
<i>Papilio multicaudatus</i>	PARK: US 89, 3 mi S Livingston at fishing access	27-Jun-00	RES
R/ K/ Pat Morgan long trip			
<b>PIERIDAE</b>			
<i>Pontia sisymbrii elivata</i>	Park: Daisy Pass, near Cooke City	13-Jul-00	B/ B
?Late date [late CO date is 27 Jun].			
<i>Colias meadii</i>	DEER LODGE: Below Storm Lake Pass, Anaconda Range	26-Jul-00	SJK
<i>Colias meadii</i>	MISSOULA: Necklace Lakes trail, 2 mi NE of Holland Lake	19-Aug-00	WK
<i>Colias christina</i>	GRANITE: Near Skalkaho Pass	01-Aug-88	SJK
<i>Colias pelidne skinneri</i>	Park: Daisy Pass, near Cooke City	12-Jul-00	B/ B
<b>LYCAENIDAE</b>			
<i>Lycaena phlaeas arethusa</i>	LIBERTY: Summit of East Butte, 6800'	15-Aug-96	BW
<i>Lycaena hyllus</i>	LEWIS&CLARK: Sucker Creek, NE of Lincoln	25-Jul-00	SJK
<i>Satyrrium liparops</i>	TOOLE: Middle Butte, Sweetgrass Hills	18-Jul-97	BW
<i>Satyrrium saepium</i>	LEWIS&CLARK: Sucker Creek, NE of Lincoln	25-Jul-00	SJK
<i>Callophrys sheridanii</i>	LIBERTY: Breed Crk, East Butte, Sweetgrass Hills	22-Apr-00	BW
<i>Callophrys augustinus</i>	LIBERTY: Breed Crk, East Butte, Sweetgrass Hills	06-May-00	BW
<i>Strymon melinus</i>	PARK: US 89, 3 mi S Livingston at fishing access	27-Jun-00	RES
<i>Lycaeides idas</i>	LIBERTY: East Butte, Sweetgrass Hills	15-Aug-96	BW
<b>NYMPHALIDAE</b>			
<i>Polygonia progne</i>	LIBERTY: Breed Crk, East Butte, Sweetgrass Hills	28-May-00	BW
<i>Nymphalis vai-album</i>	HILL: Miners Gulch, 4700', Bear Paw Mtns, S of Havre	15-Aug-98	GL
<i>Nymphalis vai-album</i>	LIBERTY: Breed Crk, East Butte, Sweetgrass Hills	06-May-00	BW
<i>Vanessa annabella</i>	CHOUTEAU: 3 miles S of Big Sandy	27-Sep-00	SJK
<i>Vanessa atalanta</i>	SILVER BOW: I-90 rest stop, 10 mi ESE of Butte	27-Jun-00	RES
<i>Speyeria egleis</i>	BROADWATER: FR 425-J1, 6700', end of Avalanche Gulch	16-Jul-97	SJK
Leg. Bea Vogel.			
<i>Boloria titania</i>	DEER LODGE: Goat Flats, Anaconda Range	26-Jul-00	SJK
Not either <i>grandis</i> or <i>ingens</i> ; ? new ssp.			
<i>Phyciodes cocyta</i>	LIBERTY: Breed Crk, East Butte, Sweetgrass Hills	15-Aug-96	BW
<i>Euphydryas gillettii</i>	Cascade: 39 mi NNW of Niehart, 5200'	04-Jul-00	PT1
Healthy colony. [SJK says there are many].			
<i>Euphydryas gillettii</i>	TETON: Teton River, 30 mi NW of Choteau	17-Jul-00	SJK
<i>Euphydryas anicia</i>	BROADWATER: Avalanche Gulch, 5000'	16-Jul-97	SJK
Leg. Bea Vogel.			
<i>Euphydryas editha hutchinsi</i>	Park: Daisy Pass, near Cooke City	12-Jul-00	B/ B
Tiny form "montana".			
<i>Limenitis archippus</i>	TOOLE: Middle Butte, Sweetgrass Hills	18-Aug-99	BW
<i>Danaus plexippus</i>	TETON: South side of Choteau	17-Jul-00	SJK
<b>Moths</b>			
<b>SPHINGIDAE</b>			
<i>Sphinx vashti</i>	PARK: Silver Gate	12-Jul-00	B/ B
<i>Smerinthus cerisyi</i>	PARK: Silver Gate	12-Jul-00	B/ B
<b>ARCTIIDAE</b>			
<i>Platartia parthenos</i>	PARK: Silver Gate	12-Jul-00	B/ B

**NOCTUIDAE**

Schinia jaguarina On Psoralidium tenuiflorum.	Yellowstone: I-94 rest stop @mp42, 3210', 5 mi WSW of Custer	08-Jul-00	CEH
Schinia jaguarina On Psoralidium tenuiflorum.	TREASURE: I-94 @mp73, S frontage Road, 7 mi E of Hysham	08-Jul-00	CEH
Schinia grandimedia On Brickellia eupatorioides.	YELLOWSTONE: I-94 rest stop @mp42, 3210', 5 mi WSW of Cus	08-Jul-00	CEH
Schinia grandimedia STATE RECORD; on Brickellia eupatorioides.	TREASURE: I-94 @mp73, S frontage Road, 7 mi E of Hysham	08-Jul-00	CEH
Schinia simplex On Ipomoea leptophylla.	Treasure: I-94 @mp73, S frontage Road, 7 mi E of Hysham	08-Jul-00	CEH
Schinia simplex On Ipomoea leptophylla.	Yellowstone: I-94 @mp304, 3120', 7 mi E of Pompey's Pillar	08-Jul-00	CEH
Schinia gaurae On Gaura mollis.	YELLOWSTONE: I-94 rest stop @mp42, 3210', 5 mi WSW of Cus	08-Jul-00	CEH

**NEW MEXICO**

Ten people contributed data, compared with 8 in 1999. Drought and forest fires were the headlines here also, producing a poor and early season as elsewhere in the West. Gordon Pratt visited several times, finding many new records for Apodemia, Euphilotes, and other goodies. There were 38 data points, 29 for butterflies, 4 STATE records for moths, and 24 combined COUNTY records. Butterfly stats: an average of 117.2 species/ county, or 91.5% of projection.

**Butterflies****HESPERIIDAE**

Erynnis horatius	TORRANCE: 12 mi E of Clines Corners	09-Apr-00	C/ H
Erynnis afranius Astragalus in bloom, but no Leps there.	McKinley: SR 371, 5 mi N of Smith Lake (town), canyon to wes	13-Apr-00	RES
Erynnis persius	Taos: S of SR 196, Ski Rio Rd, hill and riparian, 9100'	27-Apr-00	RES
Pyrgus xanthus	TAOS: Above Costilla Reservoir	16-May-00	SJC
Pholisora mejicana Early date [previous 20 May].	Colfax: Rambo Canyon	15-May-00	SJC
Polites rhesus	TORRANCE: 12 mi E of Clines Corners	12-May-00	SJC
Poanes hobomok wetona Leg. Eric Caprisecca; near f. pocahontas.	Lincoln: Carrizo Peak	31-May-97	RWH

**PIERIDAE**

Pontia sisymbrii Again no lotta or thoosa or oaks.	Taos: SR 196, 14-15 mi SE of Costilla, riparian, 9100'	27-Apr-00	RES
Pieris marginalis	Taos: S of SR 196, Ski Rio Rd, hill and riparian, 9100'	27-Apr-00	RES
Euchloe hyantis lotta	Taos: SR 522, 1 mi S of San Cristobal, 15 mi NW of Taos	20-Apr-00	RES
Anthocharis thoosa	McKinley: SR 371, 5 mi N of Smith Lake (town), canyon to wes	13-Apr-00	RES
Anthocharis thoosa	Taos: SR 522, 1 mi S of San Cristobal, 15 mi NW of Taos	20-Apr-00	RES
Zerene cesonia Finally known from all NM counties!	LOS ALAMOS: Los Alamos, 7330'	08-Jul-63	MKS
Phoebis agarithe	CURRY: Near Cannon AFB, west of Clovis	04-Jul-00	SGW
Kricogonia lyside	DONA ANA: Las Cruces, 3896'	24-Aug-99	GSF

**LYCAENIDAE**

Callophrys sheridanii Early date for northern NM [prev. 10 May].	Rio Arriba: Sargent WMA Only 1 previous CR: JAS, 10 May 83	27-Apr-00	SJC
Callophrys mcfarlandi Another "back yard" surprise!	SANTA FE: San Pedro Mountains	10-Apr-00	C/ H
Callophrys mcfarlandi West range extension [could it be in AZ?].	HIDALGO: NE slopes, Big Hatchet Mountains	23-Apr-00	GFP
Zizula cyna High elevation record, and North in NM.	OTERO: Cloudcroft, 8650'	01-May-00	GFP
Euphilotes ellisi South for ellisii; centralis is known.	MCKINLEY: 11 mi N of Ambrosia Lake	18-Aug-00	GFP
Euphilotes rita coloradensis Southwest range extension.	MCKINLEY: 4 mi S of Borrego Pass	19-Aug-00	GFP
Euphilotes spaldingi	SANDOVAL: 5 mi NW of Cuba, larvae collected	18-Aug-00	GFP
Plebejus saepiolus Early date [previous 13 Jun].	Rio Arriba: Rio de los Pinos	02-Jun-00	SJC

**RIODINIDAE**

Apodemia palmerii East range extension in NM.	EDDY: Black River, near Black River Village	01-Sep-00	SJC
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**NYMPHALIDAE**

Nymphalis milberti East range extension in NM.	UNION: Sierra Grande, 8720'	26-Jun-00	SJC
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Limnitis archippus Early date [previous 19 May].	Union: Clayton Lake, 5100'	12-May-00	SJC
Mestra amymone Reported by Linda Wener	UNION: Clayton Lake, 5100'	12-Aug-00	SJC
Danaus gilippus Finally known from all NM counties!	LOS ALAMOS: Los Alamos, 7330'	29-Jun-60	MKS
Danaus gilippus	VALENCIA: 1 mile S of Belen, in alfalfa field	10-Aug-65	RKS

## Moths

### SATURNIIDAE

Hemileuca chinatiensis previously plotted as H. conwayae	Eddy: 15 mi N of Queen	17-Oct-00	B/ K
Agapema anona dyari Formerly known as A.galbina [see Peigler].	EDDY: White's City	16-Oct-00	B/ K

### SPHINGIDAE

Sagenosoma elsa 5th instar larvae on rabbit thorn (Lycium pallidum)	HIDALGO: Hwy 338, 14.7 mi S of Animas	14-Aug-00	JPT
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### ARCTIIDAE

Leptarctia californiae	Taos: S of SR 196, Ski Rio Rd, hill and riparian, 9100'	27-Apr-00	RES
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### NOCTUIDAE

Schinia biforma STATE and ZONE 4 record; W range extension.	UNION: East side of Clayton at lights, 5067'	16-May-00	CEH
Schinia jaguarina STATE RECORD	UNION: East side of Clayton at lights, 5067'	16-May-00	CEH
Schinia cupes STATE RECORD	UNION: East side of Clayton at lights, 5067'	16-May-00	CEH
Schinia gaurae	UNION: SR 456 along Cimarron River, 3 mi W of Kenton, OK	17-May-00	CEH
Schinia meadi STATE RECORD	UNION: SR 306 at Corrupa Creek, 1 mi SW of Moses, 4775'	17-May-00	CEH

## UTAH

No comments on conditions by either contributor. Alan Myrup turned up the skipper, *Thymelicus lineola*, which can be a pest on grass crops, in the haying valleys of Sanpete County. This is exactly where I predicted, during the 1996 Pacific Slope Meeting, that the species would be found. I suspect that it will soon be abundant both northward and southward from there, and I request prompt notification via telephone or e-mail of such a spread. The Utah Department of Agriculture should also be notified of the exact know range of this species and how fast it spreads from the Utah Valley. There was one other COUNTY record for butterflies and 13 COUNTY records for moths. Butterfly stats: an average of 112.5 species/ county, or 93.3% of projection. I have it on good authority that the hairstreak, *Satyrium liparops*, has been found somewhere in Utah. The usual larval host is chokecherry or other *Prunus* species. This is NOT a potential pest species, but I request any data, especially whether it has simply been overlooked, or whether it is moving westward from Colorado toward the cherry orchards of central California. The USDA and CDA would give birth to cows if they thought it was coming near their holy boundary!

## Butterflies

### HESPERIIDAE

<i>Thymelicus lineola</i> STATE RECORD and southwest range extension.	UTAH: North of Lindon Marina	19-Jul-99 - 21-Jul-99	ARM
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### LYCAENIDAE

<i>Atlides halesus</i> Northeast range extension.	UTAH: Cedar Fort	20-Apr-00	ARM
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## Moths

### SATURNIIDAE

<i>Coloradia doris</i>	SANPETE: Wales Canyon	15-Jun-00	RCM
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### ARCTIIDAE

<i>Crambidia cephalica</i>	MILLARD: Fillmore	26-Aug-00	RCM
<i>Cisthene barnesii</i>	PIUTE: City Creek Cpgd, 6 mi W of Junction	14-Jul-00	RCM
<i>Hypoprepia inculta</i>	MILLARD: Fillmore Canyon at Shingle Mill picnic area	10-Aug-00	RCM
<i>Spilosoma vagans</i>	PIUTE: City Creek Cpgd, 6 mi W of Junction	14-Jul-00	RCM
<i>Hyphantria cunea</i>	MILLARD: Oak Canyon, E of Oak City	16-Jun-00	RCM
<i>Hyphantria cunea</i> BYU collection, leg. Thomas U. Spalding.	JUAB: Eureka	02-Jul-20	RCM
<i>Turpentina permaculata</i>	MILLARD: Maple Grove Cpgd, 14 mi S of Scipio	03-Aug-00	RCM
<i>Arctia caja</i>	MILLARD: Fillmore Canyon, 48 mi E of Fillmore	10-Aug-00	RCM
<i>Grammia nevadensis</i>	PIUTE: US 89 at rest area S of Big Rock Candy Mtn	25-Aug-00	RCM
<i>Grammia williamsii</i> USU collection; leg. B. A. Haws.	UINTAH: Vernal	07-Aug-40	RCM
<i>Lophocampa significans</i>	PIUTE: City Creek Cpgd, 6 mi W of Junction	14-Jul-00	RCM
<i>Lophocampa maculata</i>	MILLARD: Oak Canyon, E of Oak City	16-Jun-00	RCM

## WYOMING

No comments on conditions by any of the 9 contributors. A total of 35 data points includes 12 butterfly COUNTY records, 16 moth COUNTY records, and 5 STATE moth records. Butterfly stats average 107.1 species/ county, or 89.7% of projection. In the 2001 season we should reach 90% or better! Then only Montana in Zone 4 will still be under 90%, so a posse will be formed to give Steve Kohler some help.

### Butterflies

#### HESPERIIDAE

Thorybes pylades	WASHAKIE: TNC Tensleep Preserve	28-May-00	CDF
Erynnis icelus	WASHAKIE: TNC Tensleep Preserve	27-May-00	CDF
First record from central Wyoming!			
Erynnis pacuvius lilius	BIGHORN: US 14 E of Shell, on higher peaks	15-Jul-00	B/ B
Genitalic det. SCB; on bare rock outcrops.			
Pholisora catullus	JOHNSON: Mosier Gulch picnic area, US 16, 7 mi W Buffalo	20-Jun-98	RKS
Atrytonopsis hianna	Platte: 2 mi NW of Hartville	21-Apr-00	KR
Early date [previous 1 May].			
Atrytonopsis hianna	GOSHEN: Jay Em, near US 85	07-May-00	KR
Atrytonopsis hianna	Niobrara: 9 mi S of Manville	09-May-00	KR

#### PAPILIONIDAE

Papilio bairdii form "brucei"	WASHAKIE: TNC Tensleep Preserve	23-Jul-98	CDF
Papilio indra	Platte: Guernsey SP	09-May-00	KR
Papilio eurymedon	HOT SPGS.: US 20, Wnd River Canyon, 4800'	26-Jun-00	RKS
R/ K/ Pat Morgan long trip			

#### LYCAENIDAE

Lycaena phlaeas arctodon	Sublette: Upper Slide Creek Basin, 10,900'	03-Aug-98	PT1
Lycaena phlaeas arctodon	Fremont: Bears Ears Trail, 10,700'	01-Aug-99	PT1
Strymon melinus	BIGHORN: US 20, 2 mi S of Greybull, 3900'	26-Jun-00	RKS
Brephidium exile	LINCOLN: Cokeville	30-Sep-00	KR
Third State record, all different counties.			

#### NYMPHALIDAE

Polygonia interrogationis	GOSHEN: Lonetree Canyon, 4750', 13 mi WSW of Hawk Spgs	28-Aug-98	PAO
Polygonia faunus	WASHAKIE: TNC Tensleep Preserve	28-May-00	CDF
Euphydryas anicia bernadetta	GOSHEN: Jay Em, near US 85	07-May-00	KR
Now known from all 24 WY counties!			
Euphydryas editha hutchinsi	Bighorn: US 14 E of Shell, on higher peaks	15-Jul-00	B/ B
Small, dark form "montana".			

### Moths

#### GEOMETRIDAE

Eupithecia sierrae	ALBANY: 2217 Skyview Lane, Laramie, 7200'	27-Jul-99	JSN
?STATE RECORD; Genitalic det. CDF.			
Eupithecia multistrigata	ALBANY: 2217 Skyview Lane, Laramie, 7200'	21-Aug-99	JSN
?STATE RECORD; Genitalic det. CDF.			
Eupithecia niveifascia	ALBANY: 2217 Skyview Lane, Laramie, 7200'	06-Jun-99	JSN
?STATE RECORD; Genitalic det. CDF.			

#### ARCTIIDAE

Haploa clymene	FREMONT: Popo Agie Primitive Area, E side of Wnd Rvr Peak	21-Jul-00	RCM
Leg. Lewis Marrott. STATE RECORD; ZONE 4 RECORD			
Arctia caja	BIGHORN: US 14 E of Shell, on higher peaks	14-Jul-00 - 15-Jul-00	B/ B
?STATE RECORD			

#### NOCTUIDAE

Noctua pronuba	ALBANY: Telephone Creek, 10,200', Snowy Range	23-Jul-00	CDF
STATE RECORD; first Zone 4 record CO 1999.			
Schinia jaguarina	NATRONA: Casper, 5123'; diurnal	16-Jul-99	RES
Det. PAO.			
Schinia jaguarina	Natrona: I-25, mp 182, Hat Six exit, 5153', at lights	08-Jul-00	CEH
Schinia jaguarina	CONVERSE: Orin, off I-25 at mp 126, 4820', at lights	08-Jul-00	CEH
Schinia jaguarina	JOHNSON: S exit from I-25, Buffalo, 4715', at lights	08-Jul-00	CEH
Schinia gaurae	NATRONA: I-25, mp 182, 6 mi E of Casper, 5350'	10-Jul-00	CEH
On Gaura mollis.			
Schinia gaurae	CONVERSE: I-25 @ mp 159, 6 mi E of Glenrock, 5046'	10-Jul-00	CEH
On Gaura mollis.			
Schinia gaurae	PLATTE: I-25 @ mp 90, 9 mi N of Wheatland, 4706'	10-Jul-00	CEH
On Gaura mollis.			
Schinia gaurae	SHERIDAN: I-90 @ mp 18, 2 mi S of Kleenburn, 4100'	10-Jul-00	CEH
On Gaura mollis.			
Schinia meadi	NATRONA: I-25, mp 182, Hat Six exit, 5153', at lights	08-Jul-00	CEH

**Zone 5 Great Plains**

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

**Coordinator:** Ronald Alan Royer

**Contributors Cited:**

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JLE : Jennifer L. Evans  
 GMM : Gary M. Marrone  
 JO1 : Jim Oberfoell  
 RAR : Ronald Alan Royer  
 JWI : John Weber, Jr

**KANSAS**

All records reported for Hitchcock County, Kansas in the 1999 Season Summary were actually from Riley County, Kansas. Corrections have been made in the master database.

**Butterflies**

**HESPERIIDAE**

Pyrgus communis Eleven counties, none new.	Meade: SR23 @ Cimarron R.	04-May-00	RES
Pholisora catullus Eleven counties, none new.	Seward: CR7, 0.3 mi W of US83, N. of Liberal.	04-May-00	RES
Hylephila phyleus	PRATT: Pratt: garden beneath water towers	21-Jul-00	RES
Hesperia uncas	Cheyenne: Hill W of SR 27, 2.1 mi S of Haigler, NE	21-May-00	RES
Polites peckius	CHEYENNE: US 36, 0.5 mi W of St. Francis	21-May-00	RES
Polites peckius	PRATT: Pratt: garden beneath water towers	21-Jul-00	RES
Polites themistocles	PRATT: Pratt: garden beneath water towers	21-Jul-00	RES
Atalopedes campestris Early date.	Cheyenne: US 36, 0.5 mi W of St. Francis	21-May-00	RES
Atrytonopsis hianna	CHEYENNE: Hill W of SR 27, 2.1 mi S of Haigler, NE	21-May-00	RES
Amblyscirtes vialis Buffalo memorial site.	CHEYENNE: SR 27 @ Cherry Creek, 1.5 mi NW of St. Francis	21-May-00	RES

**PAPILIONIDAE**

Papilio zelicaon STATE RECORD; single fresh male	CHEYENNE: Hill W of SR 27, 2.1 mi S of Haigler, NE, 3480'.	21-May-00	RES
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**PIERIDAE**

Euchloe olympia	KEARNY: SR25, mp62, 13 mi SSW. Lakin.	04-May-00	RES
Euchloe olympia Nine counties, six of which are new.	GRANT: Ulysses.	04-May-00	RES
Euchloe olympia Sandstone "Swisher" hills.	Logan: Hills N of US 40, mp 39, 1.5 mi NE of McAllaster.	05-May-00	RES
Euchloe olympia Hillside with yucca, grasses, weeds	GREELEY: SR 96, mp 22, 6.3 mi W of Selkirk	05-May-00	RES
Euchloe olympia Sandstone bluffs, resembling UT or NM!	WALLACE: CR 26, bluffs 3.7 mi S of Wallace	05-May-00	RES
Euchloe olympia Ridge with yucca, prairie sagebrush	HAMILTON: SR 27, 3.0 mi N of Syracuse	05-May-00	RES
Euchloe olympia	WCHITA: SR 25, 14.9 mi N of Leoti, Chalk Crk Breaks	05-May-00	RES
Colias eurytheme Nine counties, none new.	Kearny: SR25, mp62, 13 mi SSW. Lakin.	04-May-00	RES
Eurema nicippe	KEARNY: SR25, mp62, 13 mi SSW. Lakin.	04-May-00	RES

**LYCAENIDAE**

Glaucopsyche lygdamus Sandstone bluffs, resembling UT or NM!	WALLACE: CR 26, bluffs 3.7 mi S of Wallace	05-May-00	RES
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**NYMPHALIDAE**

Nymphalis antiopa	KEARNY: Arkansas River at Lakin, SR xx	05-May-00	RES
Vanessa cardui Early date; 10 counties, none new.	Meade: SR23 @ Cimarron R.	04-May-00	RES
Vanessa atalanta Only one seen on 4-day trip.	Wallace: CR 26, bluffs 3.7 mi S of Wallace	05-May-00	RES

Euptoieta claudia Five counties, none new.	Meade: SR23 @ Cimarron R.	04-May-00	RES
Phyciodes pictus	MEADE: SR23 @ Cimarron R.	04-May-00	RES
Chlosyne gorgone Eleven counties, none new.	Seward: CR7, 0.3 mi W of US83, N. of Liberal.	04-May-00	RES
Thessalia fulvia Sandstone bluffs, resembling UT or NM!	Wallace: CR 26, bluffs 3.7 mi S of Wallace	05-May-00	RES
Limenitis archippus	WCHITA: SR 25, 14.9 mi N of Leoti, Chalk Crk Breaks	05-May-00	RES
Anaea andria	WCHITA: SR 25, 14.9 mi N of Leoti, Chalk Crk Breaks	05-May-00	RES
Danaus plexippus Early date; only one individual seen on trip.	Wallace: CR 26, bluffs 3.7 mi S of Wallace	05-May-00	RES

## Moths

### GEOMETRIDAE

Plataea trilinearia	CHEYENNE: Hill W of SR 27, 2.1 mi S of Haigler, NE, 3480'.	21-May-00	RES
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### SPHINGIDAE

Hyles lineata	KEARNY: SR25, mp62, 13 mi SSW. Lakin.	04-May-00	RES
Hyles lineata	GRANT: Ulysses.	04-May-00	RES
Hyles lineata	SEWARD: CR7, 0.3 mi W of US83, N. of Liberal.	04-May-00	RES

### NOCTUIDAE

Drasteria mirifica	KEARNY: SR25, mp62, 13 mi SSW. Lakin.	04-May-00	RES
Drasteria mirifica	SEWARD: CR7, 0.3 mi W of US83, N. of Liberal.	04-May-00	RES
Heliopsis subflexus	RUSH: Rush Center	23-Aug-00	CEH
Schinia ultima	PRATT: Sawyer, downtown	23-Aug-00	CEH
Schinia ultima	STAFFORD: St. John, along Hwy. 281	23-Aug-00	CEH
Schinia ultima	BARBER: Medecine Lodge, S end of town	23-Aug-00	CEH
Schinia mortua	BARBER: Medecine Lodge, N end of town	23-Aug-00	CEH
Schinia mortua	PRATT: Pratt, along Hwy. 281	23-Aug-00	CEH
Schinia jaguarina	PRATT: Sawyer, downtown	23-Aug-00	CEH
Schinia rivulosa	BARBER: Medecine Lodge, N end of town	23-Aug-00	CEH
Schinia rivulosa	Barber: Medecine Lodge, S end of town	23-Aug-00	CEH
Schinia saturata	BARBER: Medecine Lodge, N end of town	23-Aug-00	CEH
Schinia saturata	Barber: Medecine Lodge, S end of town	23-Aug-00	CEH
Schinia saturata	STAFFORD: St. John, along Hwy. 281	23-Aug-00	CEH
Schinia grandimedia on Brickellia eupatorioides	GREELEY: 3.5 mi W Horace, Hwy 96	22-Aug-00	CEH
Schinia grandimedia on Gaura molis	LANE: 2 mi W Amy, Hwy 96 at Arapahoe Rd	22-Aug-00	CEH
Schinia grandimedia	PRATT: Sawyer, downtown	22-Aug-00	CEH
Schinia grandimedia on Brickellia eupatorioides	SCOTT: 1.5 mi W Modoc, Hwy 96 at Apache Rd	22-Aug-00	CEH
Schinia grandimedia on Brickellia eupatorioides	WITCHITA: E of Selkirk, MP 30 on Hwy 96	22-Aug-00	CEH
Schinia grandimedia on Brickellia eupatorioides	Witchita: 0.5 mi W Selkirk, MP 26 on Hwy 96	22-Aug-00	CEH
Schinia gracilentia	Barber: Medecine Lodge, S end of town	23-Aug-00	CEH
Schinia gracilentia	STAFFORD: St. John, along Hwy. 281	23-Aug-00	CEH
Schinia gracilentia	PRATT: Sawyer, downtown	23-Aug-00	CEH
Schinia gracilentia	BARBER: Medecine Lodge, N end of town	23-Aug-00	CEH
Schinia simplex on Ipomoea leptophylla	GRAY: Ingalls along Hwy 50	16-Jun-00	CEH
Schinia simplex on Ipomoea leptophylla	Clark: 2 mi N OK state line, Hwy 34 S of Sitka	16-Jun-00	CEH
Schinia simplex on Ipomoea leptophylla	FORD: W of Ford along Hwy 400	16-Jun-00	CEH
Schinia gaurae on Gaura molis	CLARK: 6 mi S Sitka, Hwy 34 N of Canadian R	16-Jun-00	CEH
Schinia gaurae on Gaura molis	FORD: W of Ford along Hwy 400	16-Jun-00	CEH
Schinia gaurae on Gaura molis	KINGMAN: Kingman along Hwy 54	22-Aug-00	CEH
Schinia gaurae on Gaura molis	SCOTT: 1.5 mi W Modoc, Hwy 96 at Apache Rd	22-Aug-00	CEH
Schinia gaurae on Gaura molis	LANE: 2 mi W Amy, Hwy 96 at Arapahoe Rd	22-Aug-00	CEH
Schinia gaurae on Gaura molis	GREELEY: 1.5 mi E Tribune, MP 17 on Hwy 96	22-Aug-00	CEH
Schinia gaurae on Gaura molis	WITCHITA: E of Selkirk, MP 30 on Hwy 96	22-Aug-00	CEH

Schinia gaurae on Gaura molis	Sedgwick: Goodard along Hwy 54	25-Aug-00	CEH
Schinia tertia	BARBER: Medecine Lodge, N end of town	23-Aug-00	CEH
Schinia tertia	STAFFORD: St. John, along Hwy. 281	23-Aug-00	CEH
Schinia hulstia	Pratt: Pratt, along Hwy. 281	23-Aug-00	CEH
Schinia hulstia	PRATT: Sawyer, downtown	23-Aug-00	CEH
Schinia hulstia	BARBER: Medecine Lodge, N end of town	23-Aug-00	CEH
Schinia chrysellae	Pratt: Pratt, along Hwy. 281	23-Aug-00	CEH
Schinia chrysellae	PRATT: Sawyer, downtown	23-Aug-00	CEH
Schinia citrinella	PRATT: Sawyer, downtown	23-Aug-00	CEH

## NEBRASKA

Drought gripped a large portion of Nebraska for much of the collecting season. Summer temperatures were a little above average, followed by an earlier killing frost than we have become accustomed to. The "butterfly of uncommon numbers award" goes to *Staphylus hayhurstii* which is normally represented by one or two individuals per year. However, this year about a dozen were reported by three observers in central and western portions of the state, including three new COUNTY records. Seven observers found 109 species and gathered 91 COUNTY records. Congratulations to Doug Long (a long-time resident of Holbrook). With verification of a specimen of *Erynnis horatius*, he pushed the Furnas County total to 100 species, all but one of which he has collected himself. Never one to rest, he added two species to the list this year.

## Butterflies

### HESPERIIDAE

<i>Epargyreus clarus</i>	HAYES: SWMA, 0.8 mi N of Palisade at Frenchman Creek	22-May-00	RES
<i>Staphylus hayhurstii</i> Excellent woods-edge habitat; RES life species.	RED WILLOW: Karrer Park, US 34. 0.5 mi E of McCook	22-May-00	RES
<i>Staphylus hayhurstii</i>	HAYES: SWMA, 0.8 mi N of Palisade at Frenchman Creek	22-May-00	RES
<i>Staphylus hayhurstii</i>	BUFFALO: Fawnswood Lake	02-Jun-00 - 24-Jul-00	NED
<i>Erynnis juvenalis</i> 6 pm and butterflies still active	ROCK: Sand hills, SR 7, 2 mi S of Niobrara River	03-Jun-00	RES
<i>Pyrgus communis</i>	GARFIELD: Calamus Fish Hatchery	10-Sep-00	NED
<i>Ancyloxypha numitor</i>	ADAMS: 5 mi N, 1 mi W of Kenesaw	18-Jun-00	NED
<i>Ancyloxypha numitor</i>	SHERMAN: 1 mi SW of Rockville	22-Jun-00	NED
<i>Oarisma garita</i> in RES records	KIMBALL: bluffs, 1-2 mi S of I-80, 1 mi E of WY line	28-May-00	JLE
<i>Oarisma garita</i>	BOX BUTTE: CR 70, 6.5 mi N of Hemingford	01-Jun-00	RES
<i>Hesperia uncas</i> Fourteen counties, 5 of which are new.	FRONTIER: Knoll W of US 83, 11.2 mi N of McCook	22-May-00	RES
<i>Hesperia uncas</i>	HAYES: Breaks 2.5 mi S of Hamlet	22-May-00	RES
<i>Hesperia uncas</i> 6 pm and butterflies still active	ROCK: Sand hills, SR 7, 2 mi S of Niobrara River	03-Jun-00	RES
<i>Hesperia uncas</i>	BROWN: Hill E of US 183, 10.6 mi N of jct US 20/ 183	03-Jun-00	RES
<i>Hesperia uncas</i>	LOGAN: US 83, sand hills 15 mi N of Stapleton	04-Jun-00	RES
<i>Hesperia pahaska</i>	BOX BUTTE: CR 70, 6.5 mi N of Hemingford	01-Jun-00	RES
<i>Polites peckius</i> Excellent woods-edge habitat.	RED WILLOW: Karrer Park, US 34. 0.5 mi E of McCook	22-May-00	RES
<i>Polites peckius</i>	SHERMAN: 1 mi SW of Rockville	22-Jun-00	NED
<i>Polites origenes rhena</i> 2nd brood; native prairie	WASHINGTON:	07-Sep-00	SMS
<i>Polites mystic</i>	BOX BUTTE: CR 70, 6.5 mi N of Hemingford	01-Jun-00	RES
<i>Polites mystic</i>	THOMAS: Bessey RA, Middle Loup River, 2 mi W of Halsey	04-Jun-00	RES
<i>Polites mystic</i>	Garfield: Mirdan Canal SWMA	25-Jun-00	NED
<i>Pompeius verna</i>	JOHNSON: Twin Oakes SWMA	19-Jun-00	NED
<i>Anatrytone logan</i>	ADAMS: 5 mi N of Hastings	18-Jun-00	NED
<i>Anatrytone logan</i>	CLAY: 4 mi E of Trumbull	18-Jun-00	NED
<i>Poanes hobomok</i> Dames Rocket nectar source.	DUNDY: Haigler, gallery forest & alfalfa field, E of town	21-May-00	RES
<i>Poanes hobomok</i>	HITCHCOCK: Alfalfa field N of US 34, 2.2 mi W of Stratton	21-May-00	RES
<i>Poanes hobomok</i>	HAYES: SWMA, 0.8 mi N of Palisade at Frenchman Creek	22-May-00	RES
<i>Poanes hobomok</i> Excellent woods-edge habitat.	RED WILLOW: Karrer Park, US 34. 0.5 mi E of McCook	22-May-00	RES
<i>Poanes hobomok</i>	MORRILL: US 385, 8.3 mi SSW of Alliance	01-Jun-00	RES
<i>Poanes hobomok</i>	LOGAN: US 83, riparian area 1.2 mi N of Stapleton	04-Jun-00	RES
<i>Euphyes vestris</i>	JOHNSON: Osage SWMA	19-Jun-00	NED
<i>Atrytonopsis hianna</i>	HITCHCOCK: Alfalfa field N of US 34, 2.2 mi W of Stratton	21-May-00	RES
<i>Atrytonopsis hianna</i>	DUNDY: Ridge W of SR 27, 0.8 mi S of Haigler	21-May-00	RES
<i>Atrytonopsis hianna</i>	RED WILLOW: Breaks E of US 83, 3.9 mi S of McCook	22-May-00	RES
<i>Atrytonopsis hianna</i> Habitat bone dry, grass all brown.	CHASE: Enders Dam SWMA, SE of Enders Dam	22-May-00	RES
<i>Amblyscirtes vialis</i>	CHASE: N edge of Wauneta, along S bank of Frenchman Creek	22-May-00	RES



Amblyscirtes vialis Excellent woods-edge habitat.	RED WILLOW: Karrer Park, US 34. 0.5 mi E of McCook	22-May-00	RES
Amblyscirtes vialis	HAYES: SWMA, 0.8 mi N of Palisade at Frenchman Creek	22-May-00	RES
Megathymus streckeri Six counties, 4 of which are new.	MORRILL: US 385, 8.3 mi SSW of Alliance	01-Jun-00	RES
Megathymus streckeri	BOX BUTTE: SR 2, 7.2 mi E of Alliance, hill N of bend in road	01-Jun-00	RES
Megathymus streckeri	BROWN: Hill E of US 183, 10.6 mi N of jct US 20/ 183	03-Jun-00	RES
Megathymus streckeri	LOGAN: US 83, sand hills 15 mi N of Stapleton	04-Jun-00	RES
<b>PAPILIONIDAE</b>			
Papilio polyxenes asterius	JOHNSON: Osage SWMA	19-Jun-00	NED
Papilio crespontes	BOYD: in Butte	06-Aug-00	JMR
Papilio glaucus	CHASE: N edge of Wauneta, along S bank of Frenchman Creek	22-May-00	RES
<b>PIERIDAE</b>			
Pontia occidentalis	DUNDY: Haigler, gallery forest & alfalfa field, E of town	21-May-00	RES
Euchloe olympia	DUNDY: Haigler, gallery forest & alfalfa field, E of town	21-May-00	RES
Eurema lisa	GARFIELD: Calamus Fish Hatchery	10-Sep-00	NED
<b>LYCAENIDAE</b>			
Lycaena phlaeas	GARFIELD: Calamus Fish Hatchery	10-Sep-00	NED
Lycaena dione	CLAY: 4 mi E of Trumbull	18-Jun-00	NED
Lycaena hyllus	GARFIELD: Calamus Fish Hatchery	10-Sep-00	NED
Satyrium titus	FILLMORE: 4 mi E of Ohiowa	18-Jun-00	NED
Satyrium titus	JOHNSON: Osage SWMA	19-Jun-00	NED
Satyrium calanus	FURNAS: Holbrook	10-Jun-00 - 24-Jun-00	DRL
Callophrys apama	KIMBALL: bluffs, 1-2 mi S of I-80, 1 mi E of WY line	28-May-00	RES
Callophrys siva	BOX BUTTE: SR 2, 7.2 mi E of Alliance, hill N of bend in road	01-Jun-00	RES
Strymon melinus	ROCK: Sand hills, SR 7, 2 mi S of Niobrara River	03-Jun-00	RES
Glaucopsyche lygdamus	GRANT: SR 2, 1 mi E of Sheridan county line	01-Jun-00	RES
Plebejus shasta	GARDEN: 5 mi S, 1 mi W of Oshkosh	27-May-00	NED
Plebejus acmon texana	MORRILL: Wetland S of US 26, 9 mi N of Redington	29-May-00	RES
<b>NYMPHALIDAE</b>			
Polygonia interrogationis	BOYD: in Butte	06-Aug-00	JMR
Polygonia progne	WASHINGTON: Cuming City Cemetery	07-Sep-00	SMS
Nymphalis antiopa	ROCK: Sand hills, SR 7, 2 mi S of Niobrara River	03-Jun-00	RES
Vanessa virginiensis	JOHNSON: Twin Oakes SWMA	20-Jun-00	NED
Vanessa annabella Last yr's "26 mi SSE of Crawford"	BOX BUTTE: SR 71, knoll 22.6 mi SSE of Crawford	01-Jun-00	RES
Junonia coenia	MERRICK: 1.5 mi N, 0.5 mi E of Worms	16-Jul-00	NED
Speyeria cybele	FILLMORE: 4 mi E of Ohiowa	18-Jun-00	NED
Speyeria idalia common	JOHNSON: Osage SWMA	19-Jun-00	NED
Speyeria edwardsii Five counties, only this one new.	GRANT: SR 2, 1 mi E of Sheridan county line	01-Jun-00	RES
Boloria selene	GARFIELD: 1 mi E of Burwell	10-Sep-00	NED
Phyciodes phaon	FURNAS: Holbrook	14-Aug-00	DRL
Phyciodes tharos	CLAY: 4 mi N, 3 mi W of Harvard	18-Jun-00	NED
Phyciodes tharos	JOHNSON: Osage SWMA	19-Jun-00	NED
Chlosyne gorgone carlota	SEWARD: Middle Creek	09-Jun-00	SMS
Asterocampa celtis	CLAY: 4 mi N, 3 mi W of Harvard	18-Jun-00	NED
Enodia anthedon	CLAY: 4 mi N, 3 mi W of Harvard	18-Jun-00	NED
Enodia anthedon	FILLMORE: 4 mi N of Grafton	18-Jun-00	NED
Satyroides eurydice	HALL: 3 mi N, 5 mi W of Cairo	16-Jul-00	NED
Satyroides eurydice	MERRICK: 1.5 mi N, 0.5 mi E of Worms	16-Jul-00	NED
Megisto cymela	CLAY: 4 mi N, 3 mi W of Harvard	18-Jun-00	NED
Megisto cymela	FILLMORE: 4 mi E of Ohiowa	18-Jun-00	NED
Megisto cymela	Garfield: Mirdan Canal SWMA	25-Jun-00	NED
Coenonympha inornata	GARDEN: 5 mi S, 1 mi W of Oshkosh	27-May-00	NED
Coenonympha inornata	GRANT: SR 2, 1 mi E of Sheridan county line	01-Jun-00	RES
Coenonympha inornata	BROWN: Hill E of US 183, 10.6 mi N of jct US 20/ 183	03-Jun-00	RES
Cercyonis pegala	JOHNSON: Twin Oakes SWMA	20-Jun-00	NED
Danaus plexippus LATE (freshly emerged)	LANCASTER:	05-Nov-00	SMS
<b>Moths</b>			
<b>GEOMETRIDAE</b>			
Plataea trilinearia	BANNER: Lawrence Fork, 28 mi SW of Reddington, 4450'	29-May-00	RES
<b>SATURNIIDAE</b>			
Eacles imperialis mating pair	DOUGLAS: nr Omaha	07-Jul-00	N/A

**SPHINGIDAE**

Hemaris diffinis	BOX BUTTE: CR 70, 6.5 mi N of Hemingford	01-Jun-00	RES
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**NOCTUIDAE**

Alypia octomaculata	BOX BUTTE: SR 71, 20 mi SSE of Crawford, N to Niobrara River	01-Jun-00	RES
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**NORTH DAKOTA**

Except for some early spring discoveries by Jim Oberfoell in Golden Valley County, in which *Pontia sisymbrii* was added to the state list, the year was uneventful and very dry, especially in western counties. *Megathymus streckeri* turned up in Roosevelt National Park for the first time, where it was common throughout the South Unit in Billings County. *Hesperia dacotae* remained common in selected sites in McHenry County, but was not encountered elsewhere.

**Butterflies****HESPERIIDAE**

<i>Erynnis afranius</i>	GOLDEN VALLEY: Sentinel Butte	11-Jul-00	JO1
<i>Pyrgus communis</i>	GOLDEN VALLEY: Sentinel Butte	15-Sep-00	JO1
<i>Pholisora catullus</i>	GOLDEN VALLEY: Sentinel Butte	11-Jun-00	JO1
<i>Oarisma garita</i>	GOLDEN VALLEY: Sentinel Butte	18-Jun-00	JO1
<i>Hesperia uncas</i>	GOLDEN VALLEY: Sentinel Butte	18-Jun-00	JO1
<i>Hesperia leonardus pawnee</i>	GOLDEN VALLEY: Sentinel Butte	25-Aug-00	JO1
<i>Hesperia pahaska</i>	GOLDEN VALLEY: Sentinel Butte	25-Jun-00	JO1
<i>Polites peckius</i>	GOLDEN VALLEY: Sentinel Butte	09-Aug-00	JO1
<i>Polites themistocles</i>	GOLDEN VALLEY: Sentinel Butte	08-Jun-00	JO1
<i>Polites themistocles</i>	KIDDER: N of Pettibone in Sec 15/ 16 T44N R71W	16-Jul-00	A/S
<i>Polites mystic</i>	KIDDER: N of Pettibone in Sec 15/ 16 T44N R71W	16-Jul-00	A/S
<i>Anatrytone logan</i>	KIDDER: N of Pettibone in Sec 15/ 16 T44N R71W	16-Jul-00	A/S
<i>Poanes hobomok</i>	GOLDEN VALLEY: Sentinel Butte	18-Jun-00	JO1
<i>Euphyes vestris</i>	GOLDEN VALLEY: Sentinel Butte	10-Aug-00	JO1
<i>Amblyscirtes vialis</i>	GOLDEN VALLEY: Sentinel Butte	19-Jun-00	JO1
<i>Megathymus streckeri texanus</i>	BILLINGS: Roosevelt National Park, South Unit	12-Jun-00 - 20-Jun-00	RAR

Common on hillsides throughout park

**PAPILIONIDAE**

<i>Papilio zelicaon</i>	Golden Valley: Top of Sentinel Butte	25-Apr-00	JO1
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First county record of fm. nitra

**PIERIDAE**

<i>Pontia sisymbrii</i>	GOLDEN VALLEY: Top of Sentinel Butte	25-Apr-00	JO1
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**STATE RECORD**

<i>Colias philodice</i>	KIDDER: N of Pettibone in Sec 15/ 16 T44N R71W	16-Jul-00	A/S
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**LYCAENIDAE**

<i>Lycaena xanthoides</i>	GOLDEN VALLEY: Sentinel Butte	22-Jul-00	JO1
<i>Lycaena hyllus</i>	KIDDER: N of Pettibone in Sec 15/ 16 T44N R71W	16-Jul-00	A/S
<i>Lycaena hyllus</i>	TRAILL: Clifford WPA	27-Jul-00	GEN
<i>Plebejus shasta minnehaha</i>	GOLDEN VALLEY: Top of Sentinel Butte	24-Jun-99 - 27-Jun-99	JO1

Several captured; others seen

**NYMPHALIDAE**

<i>Polygonia interrogationis</i>	DUNN: Killdeer Mountains	06-Sep-00	JO1
<i>Polygonia comma</i>	GOLDEN VALLEY: Camel Hump Lake RA	17-Sep-00	JO1
<i>Polygonia progne</i>	GOLDEN VALLEY: Camel Hump Lake RA	17-Sep-00	JO1
<i>Nymphalis antiopa</i>	TRAILL: Angustad Dam	27-Jul-00	GEN
<i>Nymphalis milberti</i>	GOLDEN VALLEY: Sentinel Butte	11-Jun-00	JO1
<i>Vanessa atalanta</i>	STEELE: Otto Spies GMA	27-Jul-00	GEN
<i>Euptoieta claudia</i>	KIDDER: N of Pettibone in Sec 15/ 16 T44N R71W	16-Jul-00	A/S
<i>Phyciodes tharos</i>	GOLDEN VALLEY: Sentinel Butte	16-May-00	JO1
<i>Phyciodes tharos</i>	KIDDER: N of Pettibone in Sec 15/ 16 T44N R71W	16-Jul-00	A/S
<i>Phyciodes tharos</i>	TRAILL: Clifford WPA	27-Jul-00	GEN
<i>Satyrodes eurydice</i>	KIDDER: N of Pettibone in Sec 15/ 16 T44N R71W	16-Jul-00	A/S
<i>Cercyonis pegala</i>	STEELE: Otto Spies GMA	27-Jul-00	GEN

**Moths****SATURNIIDAE**

<i>Automeris io</i>	GOLDEN VALLEY: Sentinel Butte	02-Jun-00	JO1
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**SPHINGIDAE**

<i>Sphinx vashti</i>	GOLDEN VALLEY: Sentinel Butte	02-Jun-00	JO1
<i>Smerinthus cerisyi</i>	GOLDEN VALLEY: Sentinel Butte	22-May-00	JO1

**ARCTIIDAE**

<i>Estigmene acrea</i>	GOLDEN VALLEY: Sentinel Butte	02-Jun-00	JO1
<i>Grammia williamsii</i>	GOLDEN VALLEY: Sentinel Butte	02-Jun-00	JO1

**NOCTUIDAE**

Catocala relictata at bait	DUNN: Killdeer Mountains	06-Sep-00	JO1
Catocala parta at bait	GOLDEN VALLEY: Camel Hump Lake RA	08-Sep-00 - 16-Sep-00	JO1
Catocala luciana at bait	GOLDEN VALLEY: Camel Hump Lake RA	08-Sep-00 - 16-Sep-00	JO1
Catocala luciana at bait	BILLINGS: Medora	16-Sep-00 - 24-Sep-00	JO1
Catocala briseis at bait	GOLDEN VALLEY: Camel Hump Lake RA	08-Sep-00 - 16-Sep-00	JO1
Catocala meskei at bait	GOLDEN VALLEY: Camel Hump Lake RA	08-Sep-00 - 16-Sep-00	JO1
Catocala meskei at bait	BILLINGS: Medora	16-Sep-00 - 24-Sep-00	JO1
Catocala amatrix at bait	GOLDEN VALLEY: Camel Hump Lake RA	08-Sep-00 - 16-Sep-00	JO1
Catocala amatrix at bait	BILLINGS: Medora	16-Sep-00 - 24-Sep-00	JO1

**SOUTH DAKOTA**

Relatively good year for butterflies with plenty of moisture until fall when rainfall became scarce, causing vegetation to dry up earlier than normal. Butterfly trapping continues to provide many new county records.

**Butterflies****HESPERIIDAE**

Epargyreus clarus	TODD: 5.3 mi W of Carter	03-Jun-00	RES
Thorybes pylades	TODD: 11.3 W of Mission	03-Jun-00	RES
Erynnis icelus only 3rd record for the county	Pennington: nr Rockerville	12-Jun-00	RLP
Erynnis juvenalis	TRIPP: US 183 at Keya Paha River	03-Jun-00	RES
Hylephila phyleus only 3rd record for the state	BROOKINGS: Brookings, McCory Gardens	29-Sep-00	JWJ
Hesperia uncas	BENNETT: 7.2 mi E of Vetal	03-Jun-00	RES
Polites themistocles	BENNETT: 7.2 mi E of vetal	03-Jun-00	RES
Polites mystic dacotah	HANSON: Hanson Lake	05-Jul-00	GMM
Polites mystic dacotah	MCCOOK: Vermillion Lake	06-Jul-00	GMM
Poanes hobomok	GREGORY: 2.6 mi S of Grogory	03-Jun-00	RES
Poanes hobomok	TODD: 5.3 mi W of Carter	03-Jun-00	RES
Euphyes dion STATE RECORD; single fresh male	MCCOOK: Vermillion Lake	06-Jul-00	GMM
Euphyes ruricola metacomet	HANSON: near Alexandria	05-Jul-00	GMM
Atrytonopsis hianna	TRIPP: 16 mi. S of Colome	03-Jun-00	RES
Atrytonopsis hianna	TODD: 11.3 mi. W of Mission	03-Jun-00	RES
Megathymus streckeri leussleri	TRIPP: 16 mi S of Colome	03-Jun-00	RES

**PAPILIONIDAE**

Papilio polyxenes asterius	GREGORY: Burke Lake	14-Aug-00	GMM
Papilio crespontes	GREGORY: Burke Lake	14-Aug-00	GMM
Papilio glaucus	HANSON: near Alexandria	05-Jul-00	GMM

**PIERIDAE**

Euchloe olympia	TRIPP: 16 mi S of Colome	03-Jun-00	RES
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**LYCAENIDAE**

Lycaena dione	ROBERTS: I-90 rest area nr Wlmtot	26-Jun-00	JWJ
Lycaena hylus	MCCOOK: Vermillion Lake	06-Jul-00	GMM
Hemiargus isola alce	LINCOLN: near Fairview	09-Jul-00	GMM
Everes comyntas	BENNETT: 7.2 mi E of Vetal	03-Jun-00	RES
Everes comyntas	HANSON: Hanson Lake	05-Jul-00	GMM

**NYMPHALIDAE**

Libytheana bachmanii western range extension for SD	STANLEY: 2 mi S of Oahe Dam	27-Jul-00	GMM
Polygonia interrogationis captured in baited trap	GREGORY: Burke Lake	14-Aug-00	GMM
Polygonia comma captured in baited trap	HAAKON: Philip City Park near Bad River	08-Sep-00	GMM
Polygonia progne	EDMUNDS: Bowdle	13-Aug-00	MBZ
Polygonia progne captured in baited trap	GREGORY: Burke Lake	14-Aug-00	GMM
Nymphalis antiopa	MCCOOK: Vermillion Lake	06-Jul-00	GMM

Nymphalis antiopa captured in baited trap	HAAKON: Philip City Park near Bad River	08-Sep-00	GMM
Vanessa atalanta rubria captured in baited trap	MCCOOK: Vermillion Lake	06-Jul-00	GMM
Euptoieta claudia	GREGORY: SR 251 2.6 mi S of Gregory	03-Jun-00	RES
Speyeria cybele	HANSON: Hanson Lake	05-Jul-00	GMM
Boloria selene sabulicollis	TRIPP: US 183 at Keya Paha River	03-Jun-00	RES
Boloria selene sabulicollis	Tripp: nr Colome	16-Jun-00	RLP
Boloria bellona toddi	EDMUNDS: Bowdle	18-Sep-00	MBZ
Phyciodes cocyta	MCCOOK: Vermillion Lake	06-Jul-00	GMM
Asterocampa celtis captured in baited trap	HANSON: Hanson Lake	05-Jul-00	GMM
Enodia anthedon	GREGORY: Burke Lake	14-Aug-00	GMM
Megisto cymela	HANSON: Hanson Lake	05-Jul-00	GMM
Megisto cymela	MCCOOK: Vermillion Lake	06-Jul-00	GMM

## Zone 6 South Central Oklahoma, Texas, Arkansas, Louisiana

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## ARKANSAS

The drought did not seem to affect collecting in the state. An incredible number of COUNTY records, 233, were reported as Rudolph and Ely continue to survey the state.

### Butterflies HESPERIIDAE

Epargyreus clarus	POPE: SR 7, Moccasin Gap, 13 mi NNE Pleasant Vy.	23-Jul-00	RES
Urbanus proteus	MILLER: 8 m N of Texarkana	03-Aug-00	DCR
Achalarus lyciades	HOT SPRINGS: 3 m S of Bonnerdale	05-Jun-00	DCR
Achalarus lyciades	JOHNSON: SR 21, 2-4 mi SSW of Salus	23-Jul-00	RES
Thorybes bathyllus	LITTLE RIVER: 9 mi S of Foreman	01-Jul-00	DCR
Thorybes bathyllus	NEWTON: SR 16, 2-4 mi NW of Fallsville	23-Jul-00	RES
Thorybes bathyllus	PIKE: 2 mi W of Highland	03-Aug-00	CAE
Thorybes pylades	NEVADA: Hwy 53, 6 m S of Bodcaw	02-Jun-00	DCR
Thorybes pylades	MADISON: SR 16, 4-5 mi E of Boston	23-Jul-00	RES
Thorybes pylades	JOHNSON: SR 21, 2-4 mi SSW of Salus	23-Jul-00	RES
Thorybes pylades	POPE: SR 7, Moccasin Gap, 13 mi NNE Pleasant Vy.	23-Jul-00	RES
Thorybes pylades	HOWARD: 6 m S of Umpire	03-Aug-00	CAE
Erynnis icelus	SALINE: 7.5 mi NE of Jessieville	04-Apr-00	DCR
Erynnis icelus	SEBASTIAN: Poteau Mtn	06-Apr-00	JHW
Erynnis icelus	GARLAND: 3.5 mi NW of Hamilton	06-Apr-00	RRS
Erynnis brizo	SEBASTIAN: Poteau Mtn	09-Mar-00	RRS
Erynnis brizo	LITTLE RIVER: 5 mi NW of Crossroads	09-Mar-00	RRS
Erynnis brizo	PIKE: Antoine	01-Apr-00	CAE
Erynnis brizo	NEVADA: 2 m N of Emmett	01-Apr-00	CAE
Erynnis brizo	HOT SPRINGS: 1 mi N of Bonnerdale	08-Apr-00	DCR
Erynnis juvenalis	HOT SPRINGS: Bonnerdale	05-Mar-00	DCR
Erynnis juvenalis	NEVADA: 8 m N of Pleasant Hill	04-Apr-00	CAE
Erynnis horatius	SCOTT: 6 mi S of Waldron	06-Mar-00	DCR
Erynnis horatius	SEBASTIAN: Poteau Mtn	09-Mar-00	DCR
Erynnis horatius	SEVIER: DeQueen Lake	09-Mar-00	RRS
Erynnis horatius	NEVADA: 2 m N of Pleasant Hill	01-Apr-00	DCR
Erynnis horatius	SALINE: 7.5 mi NE of Jessieville	04-Apr-00	RRS
Erynnis horatius	PERRY: Bear Creek Horse Camp, Ouachita NF	02-Jul-00	DCR
Erynnis martialis	GARLAND: 12.5 mi NW of Hamilton	04-Apr-00	CSC

<i>Erynnis martialis</i>	SALINE: 7.5 mi NE of Jessieville	02-Jul-00	DCR
<i>Erynnis funeralis</i>	NEVADA: Hwy 53, 6 m S of Bodcaw	02-Jun-00	DCR
<i>Erynnis funeralis</i>	SALINE: 6 mi N of Jessieville	02-Jul-00	DCR
<i>Erynnis funeralis</i>	PERRY: Bear Creek Horse Camp, Ouachita NF	02-Jul-00	DCR
<i>Erynnis baptisiae</i>	HEMPSTEAD: Bois d'arc WMA; 2 m SE of Fulton	01-Apr-00	CAE
<i>Erynnis baptisiae</i>	SCOTT: 7 mi SW of Waldron	27-Apr-00	JHW
<i>Erynnis baptisiae</i>	POLK: 1 mi N of Eagleton	06-Jun-00	DCR
<i>Erynnis baptisiae</i>	JOHNSON: SR 21, 2-4 mi SSW of Salus	23-Jul-00	RES
<i>Pyrgus communis</i>	GARLAND: 3 mi SW of Perry	04-Oct-00	DCR
<i>Nastra lherminier</i>	POLK: FR 176 @ CR 954, Ouachita NF	01-Jul-00	DCR
<i>Nastra lherminier</i>	SCOTT: Waldron	02-Jul-00	DCR
<i>Nastra lherminier</i>	SEBASTIAN: Ouachita NF	03-Jul-00	DCR
<i>Nastra lherminier</i>	MONTGOMERY: Caddo Pond, Ouachita NF	03-Jul-00	DCR
<i>Nastra lherminier</i>	JOHNSON: SR 21, 2-4 mi SSW of Salus	23-Jul-00	RES
<i>Nastra lherminier</i>	NEWTON: SR 16, 2-4 mi NW of Fallsville	23-Jul-00	RES
<i>Nastra lherminier</i>	HOWARD: 3 m NW of Athens	04-Oct-00	CAE
<i>Lerema accius</i>	SEBASTIAN: Ouachita NF	03-Jul-00	DCR
<i>Lerema accius</i>	NEWTON: SR 16, 2-4 mi NW of Fallsville	23-Jul-00	RES
<i>Ancyloxypha numitor</i>	JOHNSON: SR 21, 2-4 mi SSW of Salus	23-Jul-00	RES
<i>Hylephila phyleus</i>	JOHNSON: SR 21, 2-4 mi SSW of Salus	23-Jul-00	RES
<i>Hylephila phyleus</i>	POPE: SR 7, Moccasin Gap, 13 mi NNE Pleasant Vy.	23-Jul-00	RES
<i>Hesperia leonardus</i>	MONTGOMERY: Fannie, Ouachita NF	03-Oct-00	CSC
<i>Hesperia leonardus</i>	YELL: 7 mi E of Waveland	03-Oct-00	RRS
<i>Hesperia leonardus</i>	GARLAND: Ouachita NF, Powell Mtn	03-Oct-00	JHW
<i>Hesperia leonardus</i>	POLK: 1 mi N of Eagleton	04-Oct-00	CSC
<i>Hesperia leonardus</i>	HOWARD: 3 m NW of Athens	04-Oct-00	DCR
<i>Hesperia metea</i>	YELL: 2 mi SE of Aly	07-Apr-00	DCR
<i>Hesperia meskei</i>	HOWARD: 2 mi NW of Athens	01-Jul-99	DCR
<i>Hesperia meskei</i>	POLK: FR 176 @ CR 954, Ouachita NF	01-Jul-00	DCR
<i>Hesperia meskei</i>	SALINE: 7.5 mi NE of Jessieville	02-Jul-00	DCR
<i>Hesperia meskei</i>	MONTGOMERY: Caddo Pond, Ouachita NF	03-Jul-00	DCR
<i>Hesperia meskei</i>	SEBASTIAN: Ouachita NF	03-Jul-00	DCR
<i>Polites themistocles</i>	SEBASTIAN: 3 mi SW of Hartford	02-Aug-00	DCR
<i>Polites origenes</i>	SEBASTIAN: 6 mi E of Hartford	02-Oct-99	DCR
<i>Polites origenes</i>	HOWARD: 6 m E of Ginnis	06-Jun-00	CAE
<i>Polites origenes</i>	LOGAN: 1 m E of Jack Creek cpqd	06-Jun-00	RRS
<i>Polites origenes</i>	GARLAND: Percy Mountain	09-Jun-00	R/E
<i>Wallengrenia otho</i>	LAFAYETTE: Hwy 29, 2 mi S of Canfield	02-Jun-00	DCR
<i>Wallengrenia otho</i>	SEVIER: 8 mi NW of DeQueen	06-Jun-00	DCR
<i>Wallengrenia egeremet</i>	LAFAYETTE: Hwy 29, 2 mi S of Canfield	02-Jun-00	CAE
<i>Wallengrenia egeremet</i>	POLK: 1 mi N of Eagleton	06-Jun-00	CAE
<i>Wallengrenia egeremet</i>	SALINE: 7.5 mi NE of Jessieville	02-Jul-00	DCR
<i>Wallengrenia egeremet</i>	SEBASTIAN: Ouachita NF	03-Jul-00	DCR
<i>Wallengrenia egeremet</i>	LITTLE RIVER: 9 mi S of Foreman	06-Jul-00	DCR
<i>Pompeius verna</i>	HOWARD: 6 m S of Umpire	03-Aug-00	DCR
<i>Atalopedes campestris</i>	SALINE: 6 mi N of Jessieville	02-Jul-00	DCR
<i>Atalopedes campestris</i>	MADISON: SR 16, 4-5 mi E of Boston	23-Jul-00	RES
<i>Atalopedes campestris</i>	POPE: SR 7, Moccasin Gap, 13 mi NNE Pleasant Vy.	23-Jul-00	RES
<i>Atalopedes campestris</i>	JOHNSON: SR 21, 2-4 mi SSW of Salus	23-Jul-00	RES
<i>Problema byssus</i> leg. Roger Perry	SCOTT: 4 mi W of Needmore	05-Jun-00	R/E
<i>Poanes hobomok</i>	GARLAND: Ouachita NF, Powell Mtn	18-May-00	JHW
<i>Poanes hobomok</i>	SEBASTIAN: Poteau Mtn Wilderness Area (FR 158)	07-Jun-00	CSC
<i>Poanes zabulon</i>	NEVADA: 2 m N of Emmett	01-Apr-00	CAE
<i>Poanes zabulon</i>	SCOTT: 3 mi E of Waldron	06-Apr-00	DCR
<i>Poanes zabulon</i>	CLARK: 5 mi S of Bonnerdale	08-Apr-00	DCR
<i>Poanes zabulon</i>	MILLER: 2 m SE of Doddridge	09-Apr-00	DCR
<i>Poanes zabulon</i>	SEBASTIAN: Ouachita NF	03-Jul-00	DCR
<i>Poanes zabulon</i>	NEWTON: SR 16, 2-4 mi NW of Fallsville	23-Jul-00	RES
<i>Euphyes ruricola metacomet</i>	SEBASTIAN: 3 mi SW of Hartford	02-Aug-00	DCR
<i>Atrytonopsis hianna</i>	MONTGOMERY: 4 mi NW of Bonnerdale	08-Apr-00	DCR
<i>Amblyscirtes hegon</i>	GARLAND: 3.5 mi NW of Hamilton	06-Apr-00	RRS
<i>Amblyscirtes hegon</i>	YELL: 4 mi W of Walthreak	06-Apr-00	RRS
<i>Amblyscirtes hegon</i>	HOT SPRINGS: 1 mi N of Bonnerdale	08-Apr-00	DCR
<i>Lerodea eufala</i>	SEVIER: 6 mi NW of DeQueen	06-Jun-00	CAE
<b>PAPILIONIDAE</b>			
<i>Papilio polyxenes asterius</i>	SCOTT: 3.5 mi W of Needmore	03-Apr-00	CAE

Papilio polyxenes asterius	YELL: 4 mi NE of Story	07-Apr-00	DCR
Papilio polyxenes asterius	CLARK: 5 mi S of Bonnerdale	08-Apr-00	DCR
Papilio polyxenes asterius	MONTGOMERY: Iron Fork Scenic Area, Ouachita NF	25-May-00	R/E
Papilio polyxenes asterius	HOT SPRINGS: 3 m S of Bonnerdale	05-Jun-00	CAE
Papilio polyxenes asterius	PERRY: Bear Creek Horse Camp, Ouachita NF	02-Jul-00	DCR
Papilio crespontes	CONWAY: I-40, 4 mi NW of Morrilton	23-Jul-00	RES
Papilio crespontes	PIKE: 2 mi SW of Murfreesboro	03-Aug-00	CAE
Papilio glaucus	LITTLE RIVER: 9 mi S of Foreman	06-Apr-00	CSC
Papilio glaucus	JOHNSON: SR 21, 2-4 mi SSW of Salus	23-Jul-00	RES
Papilio glaucus	ST. FRANCIS: I-40, 5 mi W of Forrest City	23-Jul-00	RES
Papilio glaucus	POPE: SR 7, Moccasin Gap, 13 mi NNE Pleasant Vy.	23-Jul-00	RES
Papilio glaucus	NEWTON: SR 16, 2-4 mi NW of Fallsville	23-Jul-00	RES
Papilio troilus	PIKE: 2 m SE of Langley	09-Apr-00	DCR
Papilio troilus	POPE: SR 7, Moccasin Gap, 13 mi NNE Pleasant Vy.	23-Jul-00	RES
Eurytides marcellus	HOWARD: 3 m NW of Athens	05-Mar-00	DCR
Eurytides marcellus	NEVADA: 8 m N of Pleasant Hill	09-Apr-00	DCR
Eurytides marcellus	LAFAYETTE: Hwy 160 @ Gin City	02-Jun-00	DCR
Eurytides marcellus	SEVIER: 2 mi SW of Horatio	04-Jul-00	DCR
<b>PIERIDAE</b>			
Pontia protodice	SCOTT: 4 mi W of Needmore	05-Jun-00	DCR
Euchloe olympia	LOGAN: Poteau Mountain	09-Mar-00	RRS
Euchloe olympia	YELL: 1.5 mi SW of Waltreak	06-Apr-00	RRS
Euchloe olympia	SEBASTIAN: Poteau Mtn	08-Apr-00	JHW
Anthocharis midea	PIKE: 1.5 m N of Langley	05-Mar-00	DCR
Anthocharis midea	SEVIER: DeQueen Lake	09-Mar-00	RRS
Anthocharis midea	LITTLE RIVER: 5 mi NW of Crossroads	09-Mar-00	RRS
Anthocharis midea	NEVADA: 2 m N of Emmett	01-Apr-00	DCR
Anthocharis midea	HEMPSTEAD: Bois d'arc WMA; 2 m SE of Fulton	01-Apr-00	DCR
Anthocharis midea	SALINE: 7.5 mi NE of Jessieville	04-Apr-00	CAE
Anthocharis midea	SEBASTIAN: Poteau Mtn	06-Apr-00	JHW
Colias eurytheme	SALINE: 6 mi N of Jessieville	04-Apr-00	JHW
Colias eurytheme	HOT SPRINGS: 1 mi N of Bonnerdale	08-Apr-00	DCR
Colias eurytheme	JOHNSON: SR 21, 2-4 mi SSW of Salus	23-Jul-00	RES
Zerene cesonia	SCOTT: 5-8 mi W of Needmore	02-Oct-00	CAE
Zerene cesonia	YELL: 7 mi E of Waveland	03-Oct-00	RRS
Phoebis sennae eubule	ST. FRANCIS: I-40, 5 mi W of Forrest City	23-Jul-00	RES
Phoebis sennae eubule	POPE: SR 7, Moccasin Gap, 13 mi NNE Pleasant Vy.	23-Jul-00	RES
Phoebis sennae eubule	JOHNSON: SR 21, 2-4 mi SSW of Salus	23-Jul-00	RES
Eurema lisa	SALINE: 7.5 mi NE of Jessieville	02-Jul-00	DCR
Eurema lisa	JOHNSON: SR 21, 2-4 mi SSW of Salus	23-Jul-00	RES
Eurema lisa	POPE: SR 7, Moccasin Gap, 13 mi NNE Pleasant Vy.	23-Jul-00	RES
Eurema nicippe	PIKE: 1.5 m N of Langley	05-Mar-00	DCR
Eurema nicippe	HOT SPRINGS: 2 mi SW of Bonnerdale	04-Oct-00	DCR
Nathalis iole	JOHNSON: SR 21, 2-4 mi SSW of Salus	23-Jul-00	RES
<b>LYCAENIDAE</b>			
Atlides halesus	SEVIER: Gillham	07-Apr-00	JHW
Satyrrium titus	SCOTT: 4 mi W of Needmore	05-Jun-00	DCR
Satyrrium titus	POLK: 1 mi N of Eagleton	06-Jun-00	CSC
Satyrrium liparops strigosum	PERRY: 2 m SE of Nimrod	18-May-00	R/E
Satyrrium liparops strigosum	SALINE: 7 mi SSW of Thornburg	03-Jun-00	DCR
Satyrrium liparops strigosum	SEBASTIAN: Poteau Mtn Wilderness Area (FR 158)	07-Jun-00	CSC
Ministrymon clytie	SEBASTIAN: Poteau Mtn Wilderness Area (FR 158)	07-Jun-00	CSC
Calycopis cecrops	SEBASTIAN: Poteau Mtn	09-Mar-00	DCR
Calycopis cecrops	SALINE: 7.5 mi NE of Jessieville	04-Apr-00	CAE
Calycopis cecrops	YELL: Ouachita NF (FR 53 @ CR213)	03-Jul-00	DCR
Calycopis cecrops	NEWTON: SR 16, 2-4 mi NW of Fallsville	23-Jul-00	RES
Callophrys grynea	SEVIER: DeQueen Lake	09-Mar-00	RRS
Callophrys grynea	SALINE: 7.5 mi NE of Jessieville	04-Apr-00	CAE
Callophrys grynea	SEBASTIAN: Poteau Mtn	06-Apr-00	JHW
Callophrys irus	SCOTT: 7 mi SW of Winfield	06-Apr-00	JHW
Callophrys irus hadros	HEMPSTEAD: Bois d'arc WMA; 2 m SE of Fulton	01-Apr-00	DCR
Callophrys niphon	LITTLE RIVER: 5 mi NW of Crossroads	09-Mar-00	DCR
Fixsenia ontario	SEBASTIAN: Poteau Mtn Wilderness Area (FR 158)	07-Jun-00	CSC
Strymon melinus	SALINE: 6 mi N of Jessieville	02-Jul-00	DCR
Strymon melinus	POPE: SR 7, Moccasin Gap, 13 mi NNE Pleasant Vy.	23-Jul-00	RES
Strymon melinus	JOHNSON: SR 21, 2-4 mi SSW of Salus	23-Jul-00	RES
Leptotes marina	LOGAN: Magazine Mountain	02-Aug-00	RRS

Hemiargus isola alce	LAFAYETTE: Hwy 160 @ Gin City	02-Jun-00	CAE
Everes comyntas	JOHNSON: SR 21, 2-4 mi SSW of Salus	23-Jul-00	RES
Everes comyntas	POPE: SR 7, Moccasin Gap, 13 mi NNE Pleasant Vy.	23-Jul-00	RES
Celastrina ladon	SCOTT: 6 mi S of Waldron	06-Mar-00	RRS
Celastrina ladon	LAFAYETTE: Hwy 29, 2 mi S of Canfield	02-Jun-00	DCR
Glaucoopsyche lygdamus	LITTLE RIVER: 5 mi NW of Crossroads	09-Mar-00	RRS
Glaucoopsyche lygdamus	SALINE: 7.5 mi NE of Jessieville	04-Apr-00	CSC
Glaucoopsyche lygdamus	SCOTT: 7 mi SW of Wnfield	06-Apr-00	RRS
Glaucoopsyche lygdamus	SEVIER: 2.5 mi W of Ring	06-Apr-00	CSC
<b>RIODINIDAE</b>			
Calephelis borealis	LOGAN: 1 m E of Jack Creek cpgd	06-Jun-00	RRS
<b>NYMPHALIDAE</b>			
Libytheana bachmanii	SCOTT: 7 mi SW of Waldron	05-Jun-00	DCR
Libytheana bachmanii	SALINE: 7.5 mi NE of Jessieville	02-Jul-00	DCR
Agraulis vanillae incarnata	HOWARD: 3 m SW of Nashville	03-Aug-00	CAE
Polygonia interrogationis	HOT SPRINGS: 1 mi N of Bonnerdale	08-Apr-00	DCR
Polygonia interrogationis	JOHNSON: SR 21, 2-4 mi SSW of Salus	23-Jul-00	RES
Polygonia interrogationis	POPE: SR 7, Moccasin Gap, 13 mi NNE Pleasant Vy.	23-Jul-00	RES
Polygonia comma	MONTGOMERY: Caddo Pond, Ouachita NF	03-Jul-00	DCR
Nymphalis antiopa	SALINE: Ouachita NF, Alum Creek Exp. Forest	16-Jan-00	JHW
Nymphalis antiopa	MONTGOMERY: Ouachita NF, 4 mi E of Albert Pike cpgd	05-Mar-00	DCR
Nymphalis antiopa	HOT SPRINGS: Bonnerdale	05-Mar-00	DCR
Nymphalis antiopa	HOWARD: 3 m NW of Athens	05-Mar-00	DCR
Nymphalis antiopa	SCOTT: 6 mi S of Waldron	06-Mar-00	RRS
Nymphalis antiopa	SEBASTIAN: Poteau Mtn	09-Mar-00	RRS
Nymphalis antiopa	PERRY: Hamilton	04-Apr-00	CSC
Nymphalis antiopa	GARLAND: 2 mi N of Bonnerdale	09-Apr-00	DCR
Vanessa virginiensis	LITTLE RIVER: 5 mi NW of Crossroads	09-Mar-00	RRS
Vanessa virginiensis	HOT SPRINGS: 1 mi N of Bonnerdale	08-Apr-00	DCR
Vanessa virginiensis	NEVADA: 8 m N of Pleasant Hill	09-Apr-00	DCR
Vanessa virginiensis	HEMPSTEAD: Ozan	09-Apr-00	DCR
Vanessa virginiensis	JOHNSON: SR 21, 2-4 mi SSW of Salus	23-Jul-00	RES
Vanessa virginiensis	POPE: SR 7, Moccasin Gap, 13 mi NNE Pleasant Vy.	23-Jul-00	RES
Vanessa cardui	SCOTT: 7 mi SW of Wnfield	06-Apr-00	DCR
Vanessa cardui	HOWARD: 3 m NW of Athens	04-Oct-00	DCR
Vanessa atalanta rubria	SCOTT: 6 mi S of Waldron	06-Mar-00	RRS
Vanessa atalanta rubria	SEVIER: DeQueen Lake	09-Mar-00	RRS
Vanessa atalanta rubria	JOHNSON: SR 21, 2-4 mi SSW of Salus	23-Jul-00	RES
Junonia coenia	POPE: SR 7, Moccasin Gap, 13 mi NNE Pleasant Vy.	23-Jul-00	RES
Euptoieta claudia	CLARK: 5 mi S of Bonnerdale	08-Apr-00	DCR
Euptoieta claudia	NEVADA: 8 m N of Pleasant Hill	09-Apr-00	DCR
Euptoieta claudia	LAFAYETTE: 6 m S of Lewisville	09-Apr-00	DCR
Euptoieta claudia	PERRY: Dry Fork Creek nr Hollis	22-May-00	R/E
Euptoieta claudia	HOT SPRINGS: 1 mi N of Bonnerdale	03-Jun-00	DCR
Speyeria cybele	MONTGOMERY: Iron Fork Scenic Area, Ouachita NF	25-May-00	R/E
Speyeria cybele	YELL: 2 mi NW of Waltreak	06-Jun-00	RRS
Speyeria cybele	PIKE: Glenwood	03-Jul-00	DCR
Speyeria cybele	POPE: SR 7, Moccasin Gap, 13 mi NNE Pleasant Vy.	23-Jul-00	RES
Speyeria cybele	JOHNSON: SR 21, 2-4 mi SSW of Salus	23-Jul-00	RES
Phyciodes tharos	JOHNSON: SR 21, 2-4 mi SSW of Salus	23-Jul-00	RES
Phyciodes tharos	POPE: SR 7, Moccasin Gap, 13 mi NNE Pleasant Vy.	23-Jul-00	RES
Chlosyne gorgone	LITTLE RIVER: 2 mi SW of Foreman	06-Apr-00	CAE
Chlosyne gorgone	SEVIER: 2.5 mi W of Ring	06-Apr-00	CSC
Chlosyne nycteis	SEBASTIAN: Poteau Mtn Wilderness Area (FR 158)	07-Jun-00	CSC
Chlosyne nycteis	SALINE: 6 mi N of Jessieville	02-Jul-00	DCR
Limenitis archippus	SALINE: 7.5 mi NE of Jessieville	02-Jul-00	DCR
Limenitis archippus	PIKE: 2 mi SW of Murfreesboro	03-Aug-00	DCR
Anaea andria	PIKE: 1.5 m N of Langley	05-Mar-00	DCR
Anaea andria	SCOTT: 6 mi S of Waldron	06-Mar-00	RRS
Enodia portlandia	PIKE: 2 mi SW of Murfreesboro	03-Aug-00	DCR
Enodia anthedon	MONTGOMERY: Ouachita NF, 4 mi E of Albert Pike cpgd	16-May-99	DCR
Enodia anthedon	SEBASTIAN: 8 mi SE of Hartford	01-Jul-99	DCR
Enodia anthedon	HOWARD: 4 mi SW of Dierks	01-Jul-99	CSC
Enodia anthedon	YELL: 3 mi SE of Waltreak	31-Jul-99	CAE
Enodia anthedon	NEVADA: 2 m N of Emmett	18-Jul-00	CAE
Cyllopsis gemma	HOT SPRINGS: 1 mi N of Bonnerdale	08-Apr-00	DCR
Cyllopsis gemma	LAFAYETTE: Hwy 29, 2 mi S of Canfield	02-Jun-00	DCR

Megisto cymela	HEMPSTEAD: Bois d'arc WMA; 2 m SE of Fulton	01-Apr-00	DCR
Megisto cymela	NEVADA: 8 m N of Pleasant Hill	09-Apr-00	DCR
Megisto cymela	LAFAYETTE: Hwy 29, 2 mi S of Canfield	02-Jun-00	DCR
Cercyonis pegala	YELL: Ouachita NF (FR 619 @ CR 494)	02-Jul-00	DCR
Cercyonis pegala	PERRY: Bear Creek Horse Camp, Ouachita NF	02-Jul-00	DCR
Cercyonis pegala	MONTGOMERY: Caddo Pond, Ouachita NF	03-Jul-00	DCR
Cercyonis pegala	JOHNSON: SR 21, 2-4 mi SSW of Salus	23-Jul-00	RES
Cercyonis pegala	MADISON: SR 16, 4-5 mi E of Boston	23-Jul-00	RES

## LOUISIANA

Stanford (RES) filled in some gaps in the existing records with 53 PARISH records being reported. Although Bordelon (CWB) makes monthly trips to the state, not much was seen. Contributions from the eastern portion of the state are needed to fill in gaps in the state distribution of species.

### Butterflies

#### HESPERIIDAE

Erynnis horatius	LIVINGSTON: US 190, 0.3 mi E of Baptist	03-Aug-00	RES
Skippers mainly on tall verbena ( <i>Verbena brasiliensis</i> ) in all localities.			
Erynnis horatius	NATCHITOCHE: SR 119 and Kisatchie NF Scenic Drive	04-Aug-00	RES
Cooler in mountains, about 80 F. instead of 98 F.			
Erynnis horatius	EVANGELINE: St. Landry, SR 106, 5 mi SW Exit 46, I-49	04-Aug-00	RES
Pyrgus communis	LIVINGSTON: US 190, 0.3 mi E of Baptist	03-Aug-00	RES
Pyrgus communis	DE SOTO: Jct US 84/I-49, Exit 172	04-Aug-00	RES
Pyrgus communis	CADDO: I-20 rest area at TX [Harrison Co] state line	04-Aug-00	RES
Last tall verbena seen until 6 Aug in SE OK.			
Pyrgus oileus	NATCHITOCHE: SR 119 and Kisatchie NF Scenic Drive	04-Aug-00	RES
Pyrgus oileus	ST. LANDRY: Thislethwaite Rd, Exit 27, I-49	04-Aug-00	RES
Exception to rule; this mainly near the ground.			
Pyrgus oileus	DE SOTO: Jct US 84/I-49, Exit 172	04-Aug-00	RES
Pyrgus oileus	RAPIDES: US 167, 0.5 mi S of Exit 61, I-49, at creek	04-Aug-00	RES
Pyrgus oileus	AVOYELLES: SR 115 nr Bunkie, 6-8 mi E of Exit 53, I-49	04-Aug-00	RES
Pyrgus oileus	EVANGELINE: St. Landry, SR 106, 5 mi SW Exit 46, I-49	04-Aug-00	RES
Copaeodes minimus	NATCHITOCHE: SR 119 and Kisatchie NF Scenic Drive	04-Aug-00	RES
Copaeodes minimus	ST. LANDRY: Thislethwaite Rd, Exit 27, I-49	04-Aug-00	RES
Hylephila phyleus	LIVINGSTON: US 190, 0.3 mi E of Baptist	03-Aug-00	RES
Hylephila phyleus	RAPIDES: US 167, 0.5 mi S of Exit 61, I-49, at creek	04-Aug-00	RES
Hylephila phyleus	NATCHITOCHE: SR 119 and Kisatchie NF Scenic Drive	04-Aug-00	RES
Polites vibex	LIVINGSTON: US 190, 0.3 mi E of Baptist	03-Aug-00	RES
Polites vibex	ST. LANDRY: Thislethwaite Rd, Exit 27, I-49	04-Aug-00	RES
Polites vibex	AVOYELLES: SR 115 nr Bunkie, 6-8 mi E of Exit 53, I-49	04-Aug-00	RES
Atalopedes campestris	LIVINGSTON: US 190, 0.3 mi E of Baptist	03-Aug-00	RES
Atalopedes campestris	EVANGELINE: St. Landry, SR 106, 5 mi SW Exit 46, I-49	04-Aug-00	RES
Atalopedes campestris	CADDO: I-20 rest area at TX [Harrison Co] state line	04-Aug-00	RES
Poanes zabulon	NATCHITOCHE: SR 119 and Kisatchie NF Scenic Drive	04-Aug-00	RES
Panoquina ocola	LIVINGSTON: US 190, 0.3 mi E of Baptist	03-Aug-00	RES
Panoquina ocola	CADDO: I-20 rest area at TX [Harrison Co] state line	04-Aug-00	RES
Panoquina ocola	DE SOTO: Jct US 84/I-49, Exit 172	04-Aug-00	RES
Panoquina ocola	NATCHITOCHE: SR 119 and Kisatchie NF Scenic Drive	04-Aug-00	RES
Panoquina ocola	RAPIDES: US 167, 0.5 mi S of Exit 61, I-49, at creek	04-Aug-00	RES
Panoquina ocola	AVOYELLES: SR 115 nr Bunkie, 6-8 mi E of Exit 53, I-49	04-Aug-00	RES

#### PAPILIONIDAE

Battus philenor	NATCHITOCHE: SR 119 and Kisatchie NF Scenic Drive	04-Aug-00	RES
Papilio polyxenes asterius	EVANGELINE: St. Landry, SR 106, 5 mi SW Exit 46, I-49	04-Aug-00	RES
Papilio cressphontes	NATCHITOCHE: SR 119 and Kisatchie NF Scenic Drive	04-Aug-00	RES
Papilio glaucus	ST. LANDRY: Thislethwaite Rd, Exit 27, I-49	04-Aug-00	RES
Papilio troilus	LIVINGSTON: US 190, 0.3 mi E of Baptist	03-Aug-00	RES
Eurytides marcellus	EVANGELINE: St. Landry, SR 106, 5 mi SW Exit 46, I-49	04-Aug-00	RES

#### LYCAENIDAE

Calycopis cecrops	LIVINGSTON: US 190, 0.3 mi E of Baptist	03-Aug-00	RES
Strymon melinus	ST. LANDRY: Thislethwaite Rd, Exit 27, I-49	04-Aug-00	RES

#### NYMPHALIDAE

Libytheana carinenta	ST. LANDRY: Thislethwaite Rd, Exit 27, I-49	04-Aug-00	RES
Agraulis vanillae incarnata	NATCHITOCHE: SR 119 and Kisatchie NF Scenic Drive	04-Aug-00	RES
Agraulis vanillae incarnata	DE SOTO: Jct US 84/I-49, Exit 172	04-Aug-00	RES
Agraulis vanillae incarnata	EVANGELINE: St. Landry, SR 106, 5 mi SW Exit 46, I-49	04-Aug-00	RES
Vanessa atalanta rubria	LIVINGSTON: US 190, 0.3 mi E of Baptist	03-Aug-00	RES
Junonia coenia	AVOYELLES: SR 115 nr Bunkie, 6-8 mi E of Exit 53, I-49	04-Aug-00	RES



Euptoieta claudia	DE SOTO: Jct US 84/I-49, Exit 172	04-Aug-00	RES
Euptoieta claudia	NATCHITOCHE: SR 119 and Kisatchie NF Scenic Drive	04-Aug-00	RES
Limnitis arthemis astyanax	NATCHITOCHE: SR 119 and Kisatchie NF Scenic Drive	04-Aug-00	RES
Hermeuptychia sosybius	CADDO: I-20 rest area at TX [Harrison Co] state line	04-Aug-00	RES
Danaus gilippus strigosus	NATCHITOCHE: SR 119 and Kisatchie NF Scenic Drive	04-Aug-00	RES

## Moths

### SESIIDAE

Synanthedon decipiens	CALCASIEU: Westlake	27-Sep-00	CWB
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### SATURNIIDAE

Actias luna	CADDO: I-20 rest area at TX [Harrison Co] state line	04-Aug-00	RES
Luna moth a life species and a thrill to see flying !			

## OKLAHOMA

Stanford (RES) along with John M. Nelson and crew (Oral Roberts University) reported 110 COUNTY records and three STATE records..

## Butterflies

### HESPERIIDAE

Epargyreus clarus	SEMINOLE: 4 mi W of Seminole	09-May-00	JMN
Urbanus proteus	PONTOTOC: Pontotoc Ridge NP	24-Jul-00	WG
STATE RECORD			
Achalarus lyciades	POTTAWATOMIE: 1 mi W of Keokuk Falls	09-May-00	JMN
Achalarus lyciades	WASHINGTON: West side of Copan Lake	22-Jul-00	RES
RES/ KAS with John Nelson [JMN].			
Achalarus lyciades	WASHINGTON: Copan Lake	22-Jul-00	RES
Thorybes bathyllus	NOWATA: Oologah WMA at US 60, 3.5 mi E of Nowata	22-Jul-00	RES
Thorybes pylades	POTTAWATOMIE: 1 mi W of Keokuk Falls	09-May-00	JMN
Thorybes confusus	WASHINGTON: West side of Copan Lake	22-Jul-00	RES
Det. pending exam of genitalia.			
Staphylus hayhurstii	MCCURTAIN: Wildlife Refuge, 8 rd mi SE of Broken Bow	06-Aug-00	RES
RES/ KAS with John Nelson [JMN]; this leg JMN only.			
Erynnis zarucco	MCCURTAIN: Wildlife Refuge, 8 rd mi SE of Broken Bow	06-Aug-00	RES
Erynnis funeralis	PONTOTOC: Pontotoc Ridge NP	14-May-00	WG
Erynnis funeralis	OSAGE: Tall Grass Prairie Preserve	14-May-00	WG
Erynnis funeralis	ALFALFA: SR 11/38, Great Salt Plains	21-Jul-00	RES
Erynnis baptisiae	WASHINGTON: West side of Copan Lake	22-Jul-00	RES
Erynnis baptisiae	MCCURTAIN: Wildlife Refuge, 8 rd mi SE of Broken Bow	06-Aug-00	RES
Nastra lherminier	WAGONER: Lake Bixhoma	18-May-00	JMN
Lerema accius	PONTOTOC: Pontotoc Ridge NP	14-Jun-00	WG
Lerema accius	OSAGE: Pawhuska	21-Sep-00	WG
Ancyloxypha numitor	ALFALFA: SR 11/38, Great Salt Plains	21-Jul-00	RES
Hylephila phyleus	LOVE: Lake Murray SP, cpgd # 3	16-Apr-00	JMN
Hylephila phyleus	NOWATA: Oologah WMA	22-Jul-00	RES
Hylephila phyleus	NOWATA: Oologah WMA at US 60, 3.5 mi E of Nowata	22-Jul-00	RES
Hylephila phyleus	OSAGE: Pawhuska	21-Sep-00	WG
Hesperia metea licinus	CARTER: Lake Murray SP, cpgd # 2	14-Apr-00	JMN
Hesperia metea licinus	LOVE: Lake Murray SP, cpgd # 3	15-Apr-00	JMN
Polites themistocles	GARFIELD: Rt. 64 @ Hwy 18	24-May-00	JMN
Polites themistocles	OTTAWA: 1 mi S of Peoria	28-May-00	WG
Polites origenes	LOVE: Lake Murray SP, cpgd # 3	15-Apr-00	JMN
Wallengrenia otho	PONTOTOC: Pontotoc Ridge NP	14-May-00	WG
Wallengrenia otho	KAY: west side of Lake Ponca	24-May-00	JMN
Atalopedes campestris	WASHINGTON: West side of Copan Lake	22-Jul-00	RES
Euphyes dion	TULSA: Tulsa, Oxley Nature Center	02-Sep-00	WG
Euphyes dion	OSAGE: Osage Hills SP	09-Sep-00	JMN
Amblyscirtes linda	OSAGE: Osage Hills SP	09-Sep-00	JMN
Amblyscirtes hegon	LEFLORE: Rt. 259 N of Octavia	15-Apr-00	JMD
STATE RECORD			
Amblyscirtes aesculapius	MCCURTAIN: Wildlife Refuge, 8 rd mi SE of Broken Bow	06-Aug-00	RES
Life species for RES/ KAS.			
Amblyscirtes nysa	OSAGE: Pawhuska	21-Sep-00	WG
Amblyscirtes belli	SEMINOLE: 3 mi W of Seminole	10-May-00	JMN
Amblyscirtes alternata	MCCURTAIN: Wildlife Refuge, 8 rd mi SE of Broken Bow	06-Aug-00	RES
Leg. JMN, det RES [tentative].			
Lerodea eufala	OSAGE: Tall Grass Prairie Preserve	24-Jul-00	WG
Calpodetes ethlius	TULSA: Tulsa, Oxley Nature Center	03-Sep-00	WG
Panoquina ocola	MCCURTAIN: Wildlife Refuge, 8 rd mi SE of Broken Bow	06-Aug-00	RES
Panoquina ocola	TULSA: Tulsa, Oxley Nature Center	22-Sep-00	WG

**PAPILIONIDAE**

Papilio cressphontes	SEMINOLE: 3 mi W of Seminole	10-May-00	JMN
Papilio glaucus	SEMINOLE: 3 mi W of Seminole	10-May-00	JMN
Papilio glaucus	OKFUSKEE: 2 mi E of Paden	10-May-00	JMN
Papilio glaucus	CRAIG: Vinita	22-Jul-00	RES

**PIERIDAE**

Pieris rapae	GRANT: Medford	21-Jul-00	RES
Euchloe olympia	BEAVER: Beaver R. WMA, 3.5 mi S. Floris	04-May-00	RES
Euchloe olympia	TEXAS: US412, N. side Guymon.	04-May-00	RES
Phoebis sennae eubule	MAYES: US 69 at Patton Siding	22-Jul-00	RES
Eurema nicippe	TEXAS: US412, N. side Guymon.	04-May-00	RES

**LYCAENIDAE**

Phaenostriemon alceus	PONTOTOC: Pontotoc Ridge NP	14-Jun-00	WG
Satyrion calanus falacer	CHEROKEE: J-5 Ranch	10-Jun-00	WG
Fixsenia ontario	WAGONER: Lake Bixhoma	18-May-00	JMN
Strymon melinus	CANADIAN: El Reno Lake	30-Sep-00	JMN
Hemiargus isola alce	WASHINGTON: West side of Copan Lake	22-Jul-00	RES
Celastrina neglecta	MCCURTAIN: Wildlife Refuge, 8 rd mi SE of Broken Bow	06-Aug-00	RES
Lycaeides melissa	BEAVER: Beaver R. WMA, 3.5 mi S. Floris	04-May-00	RES

**NYMPHALIDAE**

Dryas iulia moderata	TULSA: Tulsa, Butterfly Garden	02-Jul-00	WG
STATE RECORD; male nectaring in butterfly garden			
Polygona interrogationis	TEXAS: US412, N. side Guymon.	04-May-00	RES
Polygona interrogationis	SEMINOLE: 3 mi W of Seminole	10-May-00	JMN
Nymphalis antiopa	TEXAS: US412, N. side Guymon.	04-May-00	RES
Nymphalis antiopa	SEMINOLE: 3 mi W of Seminole	10-May-00	JMN
Nymphalis antiopa	WAGONER: Lake Bixhoma	18-May-00	JMN
Vanessa atalanta	MAYES: US 69 at Patton Siding	22-Jul-00	RES
Vanessa atalanta rubria	CARTER: Lake Murray SP, cpd # 2	14-Apr-00	JMN
Vanessa atalanta rubria	OKFUSKEE: 2 mi E of Paden	10-May-00	JMN
Vanessa atalanta rubria	SEMINOLE: 3 mi W of Seminole	10-May-00	JMN
Junonia coenia	WAGONER: Lake Bixhoma	18-May-00	JMN
Junonia coenia	LINCOLN: Baker Wetland	05-Sep-00	WG
Anthanassa texana	TULSA: Tulsa, Tulsa Garden Center	07-Nov-00	WG
Phyciodes phaon	CARTER: Lake Murray SP, cpd # 2	14-Apr-00	JMN
Chlosyne gorgone	ALFALFA: SR 11/38, Great Salt Plains	21-Jul-00	RES
Limenitis arthemis astyanax	WASHINGTON: West side of Copan Lake	22-Jul-00	RES
Asterocampa celtis	SEMINOLE: 3 mi W of Seminole	10-May-00	JMN
Hermeuptychia sosybius	LINCOLN: Chandler City Lake	05-Aug-00	JMN
Cercyonis pegala	KAY: US 77 in Tonkawa	21-Jul-00	RES
Cercyonis pegala	DELAWARE: US 412 at Natural Falls SP turnout	22-Jul-00	RES

**Moths****NOCTUIDAE**

Heliothis subflexus	GRANT: Medford, along Hwy 11	23-Aug-00	CEH
Schinia bina	LOGAN: 8 mi NE of Luther in open pasture	12-Jun-00	CEH
Schinia volupia	HARPER: Hwy 183 NW of Fort Supply	16-Jun-00	CEH
on Gaillardia pulchella			
Schinia tuberculum	LOGAN: 8 mi NE of Luther in open pasture	12-Jun-00	CEH
Schinia arcigera	WOODS: Alva along Hwy 64, W of Hwy 281	23-Aug-00	CEH
Schinia mortua	GARFIELD: Hwy 74 @ Garber	23-Aug-00	CEH
Schinia mortua	GRANT: Medford, along Hwy 11	23-Aug-00	CEH
Schinia jaguarina	GRANT: Medford, along Hwy 11	23-Aug-00	CEH
Schinia jaguarina	GARFIELD: Hwy 74 @ Garber	23-Aug-00	CEH
Schinia rivulosa	GRANT: Medford, along Hwy 11	23-Aug-00	CEH
Schinia rivulosa	WOODS: Alva along Hwy 64, W of Hwy 281	23-Aug-00	CEH
Schinia nubila	GRANT: Medford, along Hwy 11	23-Aug-00	CEH
Schinia saturata	GRANT: Medford, along Hwy 11	23-Aug-00	CEH
Schinia saturata	WOODS: Hwy 281 @ Oklahoma Monument, S of Kansas border	23-Aug-00	CEH
Schinia saturata	POTTAWATOMIE: I-40 @ McLoud Rd	24-Aug-00	CEH
Schinia thoreau	GRANT: Medford, along Hwy 11	23-Aug-00	CEH
Schinia thoreau	POTTAWATOMIE: I-40 @ McLoud Rd	24-Aug-00	CEH
Schinia gracilentia	GRANT: Medford, along Hwy 11	23-Aug-00	CEH
Schinia gracilentia	GARFIELD: Hwy 74 @ Garber	23-Aug-00	CEH
Schinia gracilentia	WOODS: Alva along Hwy 64, W of Hwy 281	23-Aug-00	CEH
Schinia oleagina	GRANT: Medford, along Hwy 11	23-Aug-00	CEH

<i>Schinia simplex</i> on <i>Ipomoea leptophylla</i>	BLAINE: Hwy 58, 1 mi N of Hydro	14-Jun-00	CEH
<i>Schinia simplex</i> on <i>Ipomoea leptophylla</i>	CADDO: Old Hwy 66, 3 mi E of Hydro	14-Jun-00	CEH
<i>Schinia simplex</i> on <i>Ipomoea leptophylla</i>	WOODWARD: Hwy 3/183, 4 mi NW of Woodward	16-Jun-00	CEH
<i>Schinia simplex</i> on <i>Ipomoea leptophylla</i>	DEWEY: Hwy 270, 1 mi NE of Midway	16-Jun-00	CEH
<i>Schinia simplex</i> on <i>Ipomoea leptophylla</i>	HARPER: Hwy 183 NW of Fort Supply	16-Jun-00	CEH
<i>Schinia florida</i> on <i>Oenothera rhombipetala</i>	CUSTER: N of railroad tracks, SE of Weatherford	14-Jun-00	CEH
<i>Schinia gaurae</i> on <i>Gaura coccinea</i>	CADDO: Old Hwy 66, 3 mi E of Hydro	14-Jun-00	CEH
<i>Schinia gaurae</i> on <i>Gaura mollis</i>	HARPER: Hwy 183 NW of Fort Supply	16-Jun-00	CEH
<i>Schinia gaurae</i> on <i>Gaura mollis</i>	WOODWARD: Hwy 270 @ N2220, 7 mi ESE of Mutual	16-Jun-00	CEH
<i>Schinia tertia</i>	GRANT: Medford, along Hwy 11	23-Aug-00	CEH
<i>Schinia tertia</i>	GARFIELD: Hwy 74 @ Garber	23-Aug-00	CEH
<i>Schinia crenilinea</i>	NOBLE: I-35 @ Perry	13-Jun-00	CEH
<i>Schinia hulstia</i>	GARFIELD: Hwy 74 @ Garber	23-Aug-00	CEH
<i>Schinia reniformis</i> only 2nd state capture; on <i>Artemisia filifolia</i>	BLAINE: Hwy 58, 1 mi N of Hydro	14-Jun-00	CEH
<i>Schinia chrysellia</i>	GARFIELD: Hwy 74 @ Garber	23-Aug-00	CEH
<i>Schinia chrysellia</i>	GRANT: Medford, along Hwy 11	23-Aug-00	CEH
<i>Schinia chrysellia</i>	POTTAWATOMIE: I-40 @ McCloud Rd	24-Aug-00	CEH

## TEXAS

Bordelon (CWB) reported a near record drought for much of the state. The Lower Rio Grande Valley seemed to have the most interesting records during July: the one month when Bordelon and Knudson were not available to sample the region. It was a poor year for reporting actual specimens collected, although some nice photographs confirmed several records. There were no interesting migratory records to report, including Snouts (*Libytheana carinenta*) which are usually very bothersome in the fall. Overall, a disappointing season in spite of 107 COUNTY records and 6 STATE records.

## Butterflies

### HESPERIIDAE

<i>Phocides palemon lilea</i> also quite common in Cameron County	Hidalgo: Madero	04-Nov-00	B/ K
<i>Proteides mercurius sanantonio</i>	Hidalgo: Yturria Brush NWR	04-Apr-00	CWB
<i>Epargyreus clarus</i>	COLLINGSWORTH: US 83 at Salt Fork of Red River	07-Aug-00	RES
<i>Chioides catillus albofasciatus</i>	TRINITY: Dayton, Pickett Bayou	25-Jul-00	CSC
<i>Chioides catillus albofasciatus</i>	JEFFERSON: 2 mi N of Sabine Pass	29-Sep-00	CWB
<i>Aguna asander</i>	Hidalgo: Santa Anna NWR	01-Oct-00	CRS
<i>Urbanus proteus</i>	HENDERSON: Athens	12-Mar-00	DCR
<i>Urbanus proteus</i>	TRINITY: Dayton, Pickett Bayou	25-Jul-00	CSC
<i>Astraptes fulgerator azul</i>	Starr: Roma	11-Mar-00 - 26-Mar-00	CRS
<i>Astraptes fulgerator azul</i>	Hidalgo: Bentsen SP	04-Apr-00	CWB
<i>Astraptes fulgerator azul</i>	Hidalgo: Santa Anna NWR	01-Oct-00	CRS
<i>Thessia jalapus</i>	CAMERON: 2.1 mi N of Rio Hondo	15-Nov-00	JFD
<i>Spathilepia clonius</i>	Starr: Rio Grande City	09-Dec-00	CRS
<i>Timochares ruptifasciatus</i>	Hidalgo: Santa Anna NWR	01-Oct-00	CRS
<i>Erynnis brizo</i>	ANDERSON: Gus Engeling WMA	04-Mar-00	CAE
<i>Erynnis brizo</i>	RAINS: 4 mi NW of Alba	12-Mar-00	CSC
<i>Erynnis juvenalis</i>	RAINS: 4 mi NW of Alba	12-Mar-00	CSC
<i>Heliopetes domicella</i>	Hidalgo: La Sal Del Rey NWR	09-Apr-00	B/ K
<i>Pholisora catullus</i>	WHEELER: Shamrock, at historic Route 66 gas station	07-Aug-00	RES
<i>Lerema accius</i>	KAUFMAN: US 80, 2 mi W of Elmo	05-Aug-00	RES
<i>Lerema accius</i> Butterflies resting in shade of highway bridges.	HUNT: SR 34 at Caddo River, N of Quinlan	05-Aug-00	RES
<i>Copaeodes minimus</i>	BROOKS: nr Encino	02-Apr-00	CWB
<i>Hylephila phyleus</i>	KAUFMAN: US 80, 2 mi W of Elmo	05-Aug-00	RES
<i>Hylephila phyleus</i>	HUNT: SR 34 at Caddo River, N of Quinlan	05-Aug-00	RES
<i>Atalopedes campestris</i>	VAN ZANDT: SR 19 at Sabine River, 9 mi SSW of Emory	05-Aug-00	RES
<i>Atalopedes campestris</i>	COLLINGSWORTH: US 83 at Salt Fork of Red River	07-Aug-00	RES
<i>Poanes zabulon</i>	HENDERSON: 10 mi S of Brownsboro	12-Mar-00	CSC
<i>Poanes yehl</i>	HOUSTON: 10 mi SE of Ratcliff	25-Apr-00	JHW
<i>Euphyes bayensis</i>	GALVESTON: High Island	30-Sep-00	CWB

<i>Euphyes vestris</i>	ROCKWALL: SR 205, 2-4 mi SE of Rockwall [town]	05-Aug-00	RES
<i>Amblyscirtes vialis</i>	WOOD: 6.5 mi SE of Pine Mills	12-Mar-00	CSC
<i>Amblyscirtes belli</i>	NEWTON: NW of Mayflower	28-Mar-00	DCR
<i>Amblyscirtes belli</i>	HUNT: SR 34 at Caddo River, N of Quinlan	05-Aug-00	RES
<i>Amblyscirtes belli</i>	RAINS: SR 19 at Sabine River, 9 mi SSW of Emory	05-Aug-00	RES
Life species for RES [KAS wisely stayed at motel !]			
<i>Amblyscirtes belli</i>	VAN ZANDT: SR 19 at Sabine River, 9 mi SSW of Emory	05-Aug-00	RES
<i>Amblyscirtes phylace</i>	CULBERSON: Dog Canyon, Guadalupe Mtns NP	08-Aug-00	CWB
<i>Lerodea eufala</i>	HUNT: SR 34 at Caddo River, N of Quinlan	05-Aug-00	RES
<i>Panoquina ocola</i>	VAN ZANDT: Same, S of river; also below Tawakoni Dam	05-Aug-00	RES
<i>Panoquina ocola</i>	KAUFMAN: US 80, 2 mi W of Elmo	05-Aug-00	RES
<i>Panoquina ocola</i>	HUNT: SR 34 at Caddo River, N of Quinlan	05-Aug-00	RES
<i>Panoquina ocola</i>	RAINS: SR 19 at Sabine River, 9 mi SSW of Emory	05-Aug-00	RES
<b>PAPILIONIDAE</b>			
<i>Battus polydamas</i>	Starr: Roma	11-Mar-00 - 19-Aug-00	CRS
<i>Battus polydamas</i>	Cameron: Los Fresnos	27-Mar-00	JGT
<i>Papilio polyxenes asterius</i>	RAINS: 4 mi NW of Alba	12-Mar-00	CSC
<i>Papilio polyxenes asterius</i>	DELTA: 5 mi SW of Klondike	25-Mar-00	CAE
<i>Papilio cressphontes</i>	RAINS: SR 19 at Sabine River, 9 mi SSW of Emory	05-Aug-00	RES
<i>Papilio ornithion</i>	Hidalgo: Santa Anna NWR	18-Sep-00	CRS
<i>Papilio glaucus</i>	VAN ZANDT: 6 mi N of Fruitvale	25-Mar-00	DCR
<i>Papilio glaucus</i>	HUNT: SR 34 at Caddo River, N of Quinlan	05-Aug-00	RES
<i>Papilio troilus</i>	RAINS: 4 mi NW of Alba	12-Mar-00	CSC
<i>Papilio palamedes</i>	CHAMBERS: 5 mi S of Winnie	30-Sep-00	CWB
<b>PIERIDAE</b>			
<i>Appias drusilla poeyi</i>	Hidalgo: Santa Anna NWR	18-Sep-00	CRS
<i>Pieris rapae</i>	ZAPATA: Zapata	02-Apr-00	B/ K
<i>Ganyra josephina josepha</i>	Cameron: Los Fresnos	11-Mar-00	JGT
<i>Ganyra josephina josepha</i>	Hidalgo: Penitas	18-Jun-00	CRS
<i>Euchloe olympia</i>	ANDERSON: Gus Engeling WMA	04-Mar-00	CAE
<i>Euchloe olympia</i>	VAN ZANDT: Grand Saline	12-Mar-00	DCR
<i>Anthocharis mideia</i>	DELTA: 5 mi SW of Klondike	25-Mar-00	DCR
<i>Colias eurytheme</i>	BROOKS: nr Encino	02-Apr-00	CWB
<i>Zerene cesonia</i>	ORANGE: Orange	27-Oct-00	CWB
<i>Anteos clorinde nivifera</i>	Starr: Roma	11-Mar-00 - 26-Mar-00	CRS
<i>Anteos clorinde nivifera</i>	Hidalgo: Pinetas	04-Apr-00	B/ S
<i>Anteos maerula</i>	Hidalgo: Pinetas	04-Apr-00	B/ S
<i>Anteos maerula</i>	Starr: Salineno	29-May-00	CRS
<i>Anteos maerula</i>	Starr: Roma	17-Jun-00	CRS
<i>Phoebis sennae eubule</i>	ROCKWALL: SR 205, 2-4 mi SE of Rockwall [town]	05-Aug-00	RES
Heat nearly unbutteflyable, about 101 F.			
<i>Phoebis philea</i>	Hidalgo: Pharr	29-May-00	CRS
<i>Phoebis philea</i>	JEFFERSON: Beaumont	25-Jul-00	CWB
<i>Eurema proterpia</i>	HUDSPETH: 5 mi E of Cornudes	16-Oct-00	CWB
<i>Eurema mexicanum</i>	ANDERSON: Gus Engeling WMA	18-May-00	DCR
<i>Nathalis iole</i>	COLLINGSWORTH: US 83 at Salt Fork of Red River	07-Aug-00	RES
<b>LYCAENIDAE</b>			
<i>Atlides halesus</i>	MAVERICK: 10 mi N of Eagle Pass	21-Apr-00	JFD
<i>Satyrrium calanus falacer</i>	ZAVALA: Batesville	21-Apr-00	JFD
<i>Ministrymon azia</i>	JEFF DAVIS: TNC Davis Mtns Preserve, Mt. Livermore, 6500'	11-Aug-00	CWB
<i>Callophrys mcfarlandi</i>	Culberson: Pine Canyon, Guadalupe Mountains NP	06-Aug-00	B/ K
late record			
<i>Callophrys henrici</i>	RUSK: 6.5 mi SE of Mt. Enterprise	27-Feb-00	DCR
<i>Callophrys henrici</i>	ANDERSON: Gus Engeling WMA	04-Mar-00	DCR
<i>Callophrys henrici</i>	FRANKLIN: 3 mi NW of Wmnsboro	12-May-00	CSC
<i>Callophrys niphon</i>	SHELBY: 2 mi NW of Center	26-Feb-00	DCR
<i>Callophrys niphon</i>	HENDERSON: 3 mi S of Brownsboro	12-Mar-00	CSC
<i>Strymon melinus</i>	ROCKWALL: SR 205, 2-4 mi SE of Rockwall [town]	05-Aug-00	RES
<i>Strymon rufofusca</i>	Hidalgo: La Sal Del Rey NWR	09-Apr-00	B/ K
<i>Strymon yojoa</i>	Hidalgo: La Sal Del Rey NWR	09-Apr-00	B/ K
<i>Hemiargus isola</i>	COLLINGSWORTH: US 83 at Salt Fork of Red River	07-Aug-00	RES
<b>RIODINIDAE</b>			
<i>Lasaia sula peninsularis</i>	Cameron: Los Fresnos	11-Mar-00	JGT
<i>Melanis pixe</i>	Hidalgo: Pinetas	04-Apr-00	B/ K
<b>NYMPHALIDAE</b>			
<i>Agraulis vanillae</i>	RAINS: SR 19 at Sabine River, 9 mi SSW of Emory	05-Aug-00	RES
<i>Agraulis vanillae</i>	HUNT: SR 34 at Caddo River, N of Quinlan	05-Aug-00	RES

<i>Dione moneta</i>	Starr: Rio Grande City	21-Oct-00	CRS
<i>Dryadula phaetusa</i>	CAMERON: Los Fresnos	29-Mar-00	JGT
<i>Heliconius charitonius vazquezae</i>	Hidalgo: Santa Anna NWR	01-Oct-00	CRS
<i>Heliconius erato petiveranus</i>	Hidalgo: Santa Anna NWR	21-Aug-00	CRS
<i>Polygonia interrogationis</i>	KAUFMAN: US 80, 2 mi W of Elmo	05-Aug-00	RES
<i>Nymphalis antiopa</i> very rare in SE Texas	Jefferson: Beaumont	31-Jan-00	CWB
<i>Nymphalis antiopa</i>	JASPER: 13 mi N of Jasper	14-Dec-00	DCR
<i>Vanessa virginiensis</i>	WOOD: 5 mi N of Quitman	09-Mar-00	DCR
<i>Junonia coenia</i>	HUNT: SR 34 at Caddo River, N of Quinlan	05-Aug-00	RES
<i>Junonia evarete</i>	UVALDE: Concan	26-Apr-00	DXC
<i>Anartia jatrophae luteipicta</i>	Uvalde: Concan	08-Sep-00	DXC
<i>Anartia fatima</i>	Starr: Fronton	11-May-00	CRS
<i>Anartia fatima</i>	Starr: Roma	11-May-00	CRS
<i>Anartia fatima</i>	Hidalgo: Penitas	18-Jun-00	CRS
<i>Siproeta stelenes biplagiata</i>	Hidalgo: Santa Anna NWR	21-Aug-00	CRS
<i>Euptoieta claudia</i>	HUNT: SR 34 at Caddo River, N of Quinlan	05-Aug-00	RES
<i>Euptoieta claudia</i>	KAUFMAN: US 80, 2 mi W of Elmo	05-Aug-00	RES
<i>Anthanassa texana</i>	KAUFMAN: US 80, 2 mi W of Elmo	05-Aug-00	RES
<i>Phyciodes tulcis</i>	Hidalgo: Santa Anna NWR	01-Oct-00	CRS
<i>Phyciodes mylitta</i>	Culberson: Dog Canyon, Guadalupe Mountains NP	08-Aug-00	CWB
<i>Limenitis archippus</i>	COLLINGSWORTH: US 83 at Salt Fork of Red River	07-Aug-00	RES
<i>Adelpha fessonia</i>	Cameron: Los Fresnos	27-Apr-00	JGT
<i>Adelpha fessonia</i>	Starr: Roma	16-Jul-00 - 06-Aug-00	CRS
<i>Adelpha fessonia</i>	Starr: Fronton	05-Aug-00	CRS
<i>Myscelia ethusa</i>	Starr: Roma	26-Mar-00 - 06-Aug-00	CRS
<i>Eunica monima</i> baited with rotten mangos	Starr: Roma	16-Jul-00 - 06-Aug-00	CRS
<i>Eunica tatila</i>	Hidalgo: Santa Anna NWR	16-Sep-00	CRS
<i>Biblis hyperia aganisa</i>	Starr: Roma	19-Feb-00	CRS
<i>Biblis hyperia aganisa</i>	Hidalgo: Madero	06-Nov-00	B/ K
<i>Marpesia chiron</i>	Hidalgo: Bentsen SP	03-Apr-00	CWB
<i>Marpesia chiron</i> baited with rotten mangos	Starr: Roma	05-Aug-00	CRS
<i>Marpesia petreus</i>	Cameron: Los Fresnos	27-Apr-00	JGT
<i>Marpesia petreus</i> baited with rotten mangos	Starr: Roma	05-Aug-00 - 06-Aug-00	CRS
<i>Anaea andria</i>	HUNT: SR 34 at Caddo River, N of Quinlan	05-Aug-00	RES
<i>Anaea andria</i>	COLLINGSWORTH: US 83 at Salt Fork of Red River	07-Aug-00	RES
<i>Cyllopsis gemma</i>	VAN ZANDT: 6 mi N of Fruitvale	25-Mar-00	CAE
<i>Cyllopsis gemma</i>	RAINS: 8.5 mi SW of Emory	25-Mar-00	CAE
<i>Danaus eresimus montezuma</i> 1st record for northern Texas; leg. A. Bolt	DALLAS: Dallas	01-Aug-00	DXC

## Moths

### PSYCHIDAE

<i>Coloneura fragilis</i> STATE RECORD	JEFF DAVIS: Bridge Gap, Mt. Livermore, 7300'	10-May-00	CWB
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### OECOPHORIDAE

<i>Depressariodes umbraticostella</i>	CULBERSON: Dog Canyon, Guadalupe Mtns NP	08-Aug-00	CWB
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### COSMOPTERIGIDAE

<i>Siskiwitia alticolans</i>	CULBERSON: Dog Canyon, Guadalupe Mtns NP	08-Aug-00	CWB
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### CARPOSINIDAE

<i>Bondia comonana</i>	JEFF DAVIS: Bridge Gap, Mt. Livermore, 7300'	10-May-00 - 10-Aug-00	B/ K
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### YPONOMEUTIDAE

<i>Zelleria arizonica</i> STATE RECORD	JEFF DAVIS: Bridge Gap, Mt. Livermore, 7300'	10-Aug-00	B/ K
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### SESIIDAE

<i>Zenodoxus maculipes</i> in pheromone traps	HIDALGO: La Sal Del Rey NWR	23-Jun-00 - 11-Nov-00	B/ K
<i>Vitacea admiranda</i>	JEFFERSON: Beaumont	21-Oct-00	CWB
<i>Synanthedon rileyana</i>	JEFFERSON: Beaumont	24-Oct-00	CWB
<i>Synanthedon decipiens</i>	ORANGE: Vidor	29-Mar-00	CWB
<i>Podotesia aureocincta</i>	ZAPATA: Zapata	02-Apr-00	B/ K
<i>Carmenta engelhardtii</i>	CULBERSON: Lamar Canyon, Guadalupe Mtns NP, 5800'	08-Aug-00	B/ K
<i>Carmenta tildeni</i>	Cameron: Sabal Palm Grove Sanctuary	21-Jun-00 - 10-Nov-00	B/ K
<i>Carmenta mimuli</i>	CULBERSON: Dog Canyon, Guadalupe Mtns NP	10-Oct-00	CWB

Carmenta tecta STATE RECORD	JEFF DAVIS: Bridge Gap, Mt. Livermore, 7300'	10-Aug-00	B/ K
<b>PYRALIDAE</b>			
Pyrausta flavofascialis	Jeff Davis: Bridge Gap, Mt. Livermore, 7300'	10-May-00 - 10-Aug-00	B/ K
Pyrausta arizonalis	Jeff Davis: Bridge Gap, Mt. Livermore, 7300'	10-May-00 - 10-Aug-00	B/ K
Loxocrambus hospitum STATE RECORD	JEFF DAVIS: Bridge Gap, Mt. Livermore, 7300'	10-Aug-00	B/ K
Dasyphyga alternosquamella	Jeff Davis: Bridge Gap, Mt. Livermore, 7300'	10-May-00	B/ K
Triozosneura dorsonotata	JEFF DAVIS: Bridge Gap, Mt. Livermore, 7300'	10-May-00 - 10-Aug-00	B/ K
Dioryctria cambiicola	JEFF DAVIS: Bridge Gap, Mt. Livermore, 7300'	10-May-00	B/ K
<b>GEOMETRIDAE</b>			
Caripeta interalbicans	Jeff Davis: Bridge Gap, Mt. Livermore, 7300'	10-Aug-00	B/ K
Acanthotoca graefi	HIDALGO: Yturria Brush NWR	04-Apr-00	CWB
Sabulodes niveostriata	Jeff Davis: Bridge Gap, Mt. Livermore, 7300'	10-Aug-00	B/ K
Xerochlora masonaria STATE RECORD	JEFF DAVIS: Bridge Gap, Mt. Livermore, 7300'	10-Aug-00	B/ K
Idaea pervertipennis	Hidalgo: La Sal Del Rey NWR	09-Apr-00	B/ K
Idaea skinnerata	JEFF DAVIS: Bridge Gap, Mt. Livermore, 7300'	10-Aug-00	B/ K
Stamnodes splendorata	Jeff Davis: Bridge Gap, Mt. Livermore, 7300'	10-Aug-00	B/ K
Eupithecia fredericki	JEFF DAVIS: Bridge Gap, Mt. Livermore, 7300'	10-Aug-00	B/ K
<b>SATURNIIDAE</b>			
Hemileuca juno	HUDSPETH: 5 mi E of Cornudes	16-Oct-00	B/ K
Actias luna	HARRISON: I-20 rest area at LA state line [Caddo Parish].	04-Aug-00	RES
Luna moth a life species for us and a thrill to see flying.			
<b>SPHINGIDAE</b>			
Sphinx asella	JEFF DAVIS: Bridge Gap, Mt. Livermore, 7300'	10-Aug-00	B/ K
Aellopos clavipes	Cameron: Sabal Palm Grove Sanctuary	10-Nov-00	B/ K
Aellopos titan	Cameron: Sabal Palm Grove Sanctuary	10-Nov-00	B/ K
<b>NOTODONTIDAE</b>			
Furcula nivea meridionalis	Jeff Davis: Davis Mountains SP	11-Aug-00	B/ K
Elymiotis notodontoides	CAMERON: Sabal Palm Grove Sanctuary	21-Jun-00	B/ K
<b>ARCTIIDAE</b>			
Biturix venosata	Cameron: Sabal Palm Grove Sanctuary	10-Nov-00	B/ K
Crambidia impura STATE RECORD	CULBERSON: Dog Canyon, Guadalupe Mtns NP	08-Aug-00	CWB
Euchaetes elegans	Jeff Davis: Davis Mountains SP	11-Aug-00	B/ K
<b>NOCTUIDAE</b>			
Hemeroplanis puntialis	Jeff Davis: Bridge Gap, Mt. Livermore, 7300'	10-Aug-00	B/ K
Litoprosopus futilis	Cameron: Sabal Palm Grove Sanctuary	10-Nov-00	B/ K
appears to be true L. futilis; distinct from two others species at this locality			
Zale chisosensis	Jeff Davis: Bridge Gap, Mt. Livermore, 7300'	10-Aug-00	B/ K
Tarachidia bicolorata	Jeff Davis: Davis Mountains SP	11-Aug-00	B/ K
Bagisara tristicta	Hidalgo: La Sal Del Rey NWR	09-Apr-00	B/ K
Bagisara tristicta common in Texas this year	Jeff Davis: Davis Mountains SP	11-Aug-00	B/ K
Panthea gigantea	Jeff Davis: Bridge Gap, Mt. Livermore, 7300'	10-May-00 - 10-Aug-00	B/ K
Alypiodes bimaculata	Jeff Davis: Madera Canyon, Davis Mountains	10-Aug-00	CWB
Oslaria pura	JEFF DAVIS: Davis Mountains SP	09-Aug-00	B/ K
Schinia antonio	McMullen: 8 mi E of the junction of CR644 & SR16	15-Apr-00	ECK
Schinia meadi on Psoralidium lanceolatum	DALLAM: Hwy 1879 @ West Rita Blanca Crk, 6 mi NE of Perico	17-May-00	CEH
Schinia meadi on Psoralidium lanceolatum	HARTLEY: Hwy 385 @ Middle Cheyenne Crk, S of Channing	17-May-00	CEH
Schinia chrysella leg. M.S. Brown	POTTER: Amarillo College campus, Amarillo	28-Aug-79	CEH

## Zone 7 Ontario/Quebec

## Ontario, Quebec

Coordinator: Alan J. Hanks

### Contributors Cited:

RLB : Robert L. Bowles

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RAL : Ross A. Layberry

NGE : Nick G. Escott

MH : Margo Holt

R-Y : Robert Yukich

# ONTARIO

## Butterflies

### HESPERIIDAE

<i>Epargyreus clarus</i>	Essex: Little River at Wndsor	08-Jul-00	AG
<i>Epargyreus clarus</i>	THUNDER BAY DISTRICT: 6 km east of Barwick	09-Jul-00	NGE
First record for District - 6 specimens seen			
<i>Thorybes pylades</i>	Victoria: Carden township	17-Jun-00	MH
Uncommon - 2 specimens seen			
<i>Erynnis icelus</i>	Grenville: Bishop's Mills, Oxford Twp.	08-Jul-00	RAL
Very late date.			
<i>Erynnis horatius</i>	Essex: Point Pelee (White Pine Beach and West Beach)	15-Jun-00 - 15-Aug-00	D-D
Ova and larvae found on 3 Chinquipin Oak shrubs during summer			
<i>Erynnis baptisiae</i>	York: Scarborough	11-May-00 - 20-Jun-00	B-H
Two broods, second diminished due to damp eather. Late records on Oct 11 and 21.			
<i>Carterocephalus palaemon</i>	Durham: Ajax	29-May-00 - 17-Jun-00	B-H
<i>Carterocephalus palaemon</i>	Durham: Glen Major Conservation Area	15-Jun-00	R-Y
<i>Hylephila phyleus</i>	York: Toronto Islands	01-Oct-00	R-Y
New location in Toronto			
<i>Hesperia comma</i>	Manitoulin: Robinson Twp.	18-Aug-00	BJL
Eight specimens seen			
<i>Hesperia leonardus</i>	Manitoulin: Robinson Twp.	18-Aug-00	BJL
Only one seen			
<i>Polites themistocles</i>	Durham: Blackwater	08-Jul-00	R-Y
New location in county - 9 specimens seen			
<i>Polites origenes</i>	DURHAM: Audley Road	18-Jul-00	R-Y
New location in county			
<i>Anatrytone logan</i>	Grenville: Numerous locations	13-Jul-00 - 28-Jul-00	RAL
With more new locations, it appears that this species is not habitat-limited, as previously thought.			
<i>Anatrytone logan</i>	DURHAM: Audley Road	18-Jul-00	R-Y
New county record - 4 specimens seen			
<i>Poanes viator</i>	DURHAM: Blackwater	08-Jul-00	R-Y
New county record - 6 specimens seen			
<i>Poanes viator</i>	KENORA DISTRICT: Keewatin	16-Jul-00	NGE
Never before seen outside southern Ontario - first record from the District			
<i>Euphyes dion</i>	DURHAM: Blackwater	08-Jul-00	R-Y
New county record - 3 specimens seen			
<i>Euphyes bimacula</i>	DURHAM: Blackwater	27-Jun-00	R-Y
New county record			
<i>Amblyscirtes hegon</i>	Muskoka: Huntsville	15-Jun-00	BJL
<i>Amblyscirtes vialis</i>	Manitoulin: Misery Bay	21-Jun-00	MH

### PAPILIONIDAE

<i>Battus philenor</i>	Durham: Whitby - 1 seen at the waterfront	21-Aug-00	B-H
<i>Battus philenor</i>	York: Toronto	24-Aug-00 - 28-Aug-00	B-H
<i>Papilio polyxenes asterius</i>	Essex: Little River at Wndsor	07-Jul-00	AG
<i>Papilio cressphontes</i>	Essex: McGregor (S.Malden Rd. @ S.Mole Rd.)	24-Jul-97	AG
<i>Papilio cressphontes</i>	DURHAM: Whitby at Thickson Road	07-Aug-00 - 29-Aug-00	B-H
New county record			
<i>Papilio glaucus</i>	Essex: Little River at Wndsor	08-Jul-00	AG
<i>Papilio glaucus</i>	GRENVILLE: 5.5 km N of N. Augusta & Hemlock Crs., Wolford Tw	13-Jul-00 - 28-Jul-00	RAL
First records for Grenville Co. - specimens not as large as S. Ontario specimens			

### PIERIDAE

<i>Pieris virginiensis</i>	Halton: Turner Tract	23-May-00	B-H
25 specimens seen. Also at Speyside - 4 specimens.			
<i>Euchloe olympia</i>	Simcoe: Swift Rapids Road	06-May-00	MH
22 specimens seen			
<i>Colias philodice</i>	Thunder Bay District:	28-Jun-00 - 30-Sep-00	NGE
Species uncommon this year			
<i>Colias philodice</i>	Many counties:	06-Jul-00 - 11-Oct-00	RAL
Second generation almost totally absent in 2000			
<i>Colias philodice</i>	Essex: Little River at Wndsor	07-Jul-00	AG
<i>Colias eurytheme</i>	Essex: Little River at Wndsor	07-Jul-00 - 08-Jul-00	AG
Male & female seen on 7/8/00			
<i>Colias eurytheme</i>	Essex: McGregor (Brush Rd. @ S. Malden Rd.)	08-Jul-00	AG
<i>Colias interior</i>	Victoria: Ragged Falls	08-Aug-00	BJL
<i>Colias interior</i>	Manitoulin: Robinson Twp.	18-Aug-00	BJL
<i>Eurema lisa</i>	Essex: Point Pelee	13-May-00	R-Y
One female			

Eurema lisa One female	Essex: Point Pelee	30-Sep-00	R-Y
<b>LYCAENIDAE</b>			
Feniseca tarquinius 4 specimens seen	Timiskaming District: Matachewan	20-May-00	R-Y
Feniseca tarquinius At bird droppings near Mississagi Lighthouse	Manitoulin: Dawson Twp.	25-Jun-00	BJL
Feniseca tarquinius	Victoria: Ragged Falls	08-Aug-00	BJL
Callophrys grynea 5 specimens observed	Essex: Point Pelee	14-May-00	R-Y
Callophrys augustinus New county record - 1 specimen only	VICTORIA: Carden Twp.	02-May-00	MH
Callophrys augustinus I observed, new to the area	Durham: Ajax	11-May-00	B-H
Callophrys henrici New county record - I only seen	VICTORIA: Carden township	11-May-00	MH
Callophrys henrici	VICTORIA: Carden Plain	27-May-00	R-Y
Callophrys nippon New county record - only 1 specimen seen	SIMCOE: Wasaga Dunes	03-May-00	MH
Callophrys nippon 5 specimens observed	Durham: Ajax	17-May-00	B-H
Strymon melinus Apparently only the second record from this District	Timiskaming District: Matachewan	21-May-00	R-Y
Glaucopsyche lygdamus couperi First county record - 8 specimens seen	DURHAM: Glen Major Conservation Area	15-Jun-00	R-Y
Glaucopsyche lygdamus couperi This species continues colonization in a westerly direction	York: Scarborough	05-Jul-00 - 25-Jun-00	B-H
<b>NYMPHALIDAE</b>			
Polygonia interrogationis Summer form	Essex: Brush Rd. @ S.Malden Rd.	08-Jul-00	AG
Polygonia faunus 1 fresh	Manitoulin: Burpee Twp.	16-Jul-00	BJL
Polygonia faunus	Nipissing District: Pewee Lake	28-Aug-00	BJL
Polygonia gracilis Only 1 specimen	Thunder Bay District: Geraldton	25-Aug-00	NGE
Polygonia progne 100+ seen. Common this year June 3 to September 30	Thunder Bay District: Between Finmark and Raith	13-Aug-00	NGE
Polygonia progne	Muskoka:	13-Sep-00	BJL
Junonia coenia Uncommon in Manitoulin	Manitoulin: Dawson Twp.	17-Aug-00	BJL
Euptoieta claudia New county record	DURHAM: Pickering	25-Jul-00	B-H
Boloria freija 64 specimens counted	Timiskaming District: Matachewan	21-May-00	R-Y
Phyciodes tharos	Essex: Little River at Wndsor	07-Jul-00	AG
Phyciodes cocyta Very late record	Ottawa-Carleton: 5 km SE of Fitzroy Harbour	12-Oct-00	RAL
Chlosyne gorgone Three to five known localities checked from June 30 to July 28, but fresh specimens only seen on the 28th.	Grenville: Hemlock Corners, Wbford Twp.	28-Jul-00	RAL
Asterocampa celtis Along the Nottawasaga River in a stand of celtis. 2nd county record	Simcoe: Minesing Swamp	17-Aug-00	RLB
Enodia anthedon Very late record	Ottawa-Carleton: 5 km SE of Fitzroy Harbour	10-Sep-00	RAL
Satyrodes appalachia In woodland - cloudy and 80F	Essex: McGregor (Brush Rd. @ S. Malden Rd.)	08-Jul-00	AG
Megisto cymela In deep field nr woody area	Essex: McGregor (Brush Rd. @ S. Malden Rd.)	09-Jul-00	AG
Megisto cymela Very late record	Grenville: 5 km NNW of Bishop's Mills	24-Jul-00	RAL
Coenonympha inornata No second generation seen - first time ever.	Eastern Counties:	07-Jun-00 - 06-Jul-00	RAL
Cercyonis pegala nephele	Essex: Little River @ Wndsor	07-Jul-00	AG
Cercyonis pegala nephele	Essex: McGregor (Brush Rd. @ S. Malden Rd.)	08-Jul-00	AG
Danaus plexippus Migration start delayed by wet weather - larger numbers in Sept. and Oct.	York: Toronto Region	06-May-00 - 11-Nov-00	B-H



## QUEBEC

### Butterflies

#### PAPILIONIDAE

Papilio canadensis	Antoine-Labelle: Lac St. Paul	05-Jun-00	AG
Roadkill on Route 311 nr Mont Laurier			

#### PIERIDAE

Pieris oleracea	Antoine-Labelle: Ferme Neuve	05-Jun-00	AG
nr Mont Laurier, Rt. 309			
Pieris oleracea	Les Laurentides: Mt. Tremblant Ski Area	08-Jun-00	AG
North slope near base			
Colias interior	La Cote de Beupre: Laurentides Pk., Rt. 175	20-Jun-91	AG
Le Relais bog			
Colias interior	La Cote de Beupre: Laurentides Pk., JC Bonenfant Mt. Rt. 175	23-Jun-91	AG
70 mi N of Downtown Quebec City			

#### LYCAENIDAE

Callophrys augustinus	Vallee de Gatineau: Faunique Reserve de la Verendrye	08-Jun-00	AG
Bog @ mile 62 from Grand Remoux I-X Rt. 117/ 105			
Celastrina argiolus	Vallee de Gatineau: Faunique Reserve de la Verendrye	08-Jun-00	AG
Bog @ mile 62 from Grand Remoux I-X Rt. 117/ 105			
Celastrina argiolus	Vallee de Gatineau: Faunique Reserve de la Verendrye	08-Jun-00	AG
Bog @ mile 81 from Grand Remoux I-X Rt. 117/ 105			

#### NYMPHALIDAE

Polygonia gracilis	La Cote de Beupre: Laurentides Pk., JC Bonenfant Mt. Rt. 175	27-May-90	AG
Lake Chominich			
Boloria freija	La Cote de Beupre: Laurentides Pk., JC Bonenfant Mt. Rt. 175	23-Jun-91	AG
70 mi N of Downtown Quebec City			

## Zone 8 Midwest

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

Coordinator: Leslie A. Ferge

### Contributors Cited:

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### General Comments:

The season began early in the northern part of the Midwest, but not as early as last year. Weather conditions in much of the zone were variable, with contributors reporting a cold spell in May and mild conditions persisting well into fall. It was a good year for southern migrants, but not as good as 1999. *Junonia coenia* and *Euptoieta claudia* were again widespread. Monarchs had a good year, arriving in northern localities about the same time as last year, with a few individuals persisting in the north through late October. *Noctua pronuba* is well established in Michigan and Wisconsin, and has spread into downstate Illinois. It has most likely spread westward into Minnesota and Iowa by now, but remains to be documented in those states.

## ILLINOIS

Prill reported variable weather conditions, experiencing a warm spell in late March-April, a cool May, and a rainy June. Mild conditions then persisted through October, with little moth activity in November.

### Moths

#### BLASTOBASIDAE

Dryoperia tenebrella	Cook: Homewood	18-Jun-00	RHL
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#### GELECHIIDAE

Deltophora sella	LaGrange: Glen Ellyn	15-Jun-00	RHL
Syncopacma adversa	Cook: Homewood	18-Jun-00	RHL
Anacamptis lupinella	Cook: Homewood	18-Jun-00	RHL

<b>TORTRICIDAE</b>			
Rhyacionia buoliana	LaGrange: Glen Ellyn	15-Jun-00	RHL
<b>PTEROPHORIDAE</b>			
Stenoptilodes edwardsii	LaGrange: Glen Ellyn	15-Jun-00	RHL
<b>SPHINGIDAE</b>			
Eumorpha fasciata	Union: Trail of Tears State Forest	07-Sep-00	JDP
<b>NOTODONTIDAE</b>			
Heterocampa subrotata	Ogle: White Pines Forest State Park	13-Jul-00	JDP
<b>ARCTIIDAE</b>			
Grammia oithona	Mason: Sand Ridge State Forest	10-May-00 - 16-Jul-00	JDP
Grammia oithona	Union: Alto Pass, Bald Knob	07-Sep-00 - 11-Sep-00	JDP
Grammia parthenice	Union: Alto Pass, Bald Knob	07-Sep-00 - 11-Sep-00	JDP
<b>NOCTUIDAE</b>			
Phytometra rhodarialis	Peoria: Bartonville	01-Aug-00	JDP
Calyptra canadensis	Marshall: Washburn, Sun Foundation Nature Center	21-Jun-00	JDP
Zale aeruginosa	Union: Alto Pass, Bald Knob	07-Sep-00 - 11-Sep-00	JDP
Catocala innubens	Tazewell: Morton	21-Aug-00	JDP
Catocala angusi	Union: Alto Pass, Bald Knob	07-Sep-00 - 11-Sep-00	JDP
Catocala resecta	Union: Alto Pass, Bald Knob	07-Sep-00 - 11-Sep-00	JDP
Catocala ulalume	Union: Alto Pass, Bald Knob	07-Sep-00 - 11-Sep-00	JDP
Catocala dejecta	Union: Alto Pass, Bald Knob	07-Sep-00 - 11-Sep-00	JDP
Catocala insolabilis	Union: Alto Pass, Bald Knob	07-Sep-00 - 10-Sep-00	JDP
Catocala vidua	Union: Trail of Tears State Forest	09-Sep-00	JDP
Abrostola ovalis	Peoria: Peoria, Detweiler & Bradley Parks	16-Aug-00 - 26-Aug-00	JDP
Amphipoea velata	Marshall: Washburn, Sun Foundation Nature Center	21-Jun-00	JDP
Papaipema beeriana	Mason: Sand Ridge State Forest	19-Sep-00	JDP
Achatodes zeae	Marshall: Washburn, Sun Foundation Nature Center	21-Jun-00	JDP
Achatodes zeae	Ogle: White Pines Forest State Park	13-Jul-00	JDP
Callopietria mollissima	Mason: Sand Ridge State Forest	11-Jun-00 - 21-Jun-00	JDP
Spodoptera dolichos	Union: Alto Pass, Bald Knob	07-Sep-00 - 11-Sep-00	JDP
Stiriodes obtusa	Mason: Sand Ridge State Forest	08-Jun-00	JDP
Cirrhophanus triangulifer	Peoria: Charter Oaks Road	01-Sep-00	JDP
Basilodes pepita	Peoria: Bartonville	06-Jul-00	JDP
Xylena curvimacula	Union: Alto Pass, Bald Knob	07-Sep-00 - 11-Sep-00	JDP
Eupsilia vinulenta	Peoria: Peoria, Detweiler Park	23-Mar-00	JDP
Lacinipolia lorea	Peoria: Peoria, Detweiler Park	26-Aug-00	JDP
Noctua pronuba	Peoria: Peoria, Detweiler Park	26-Aug-00	JDP
Noctua pronuba	Union: Alto Pass, Bald Knob	07-Sep-00	JDP
Schinia nundina	Tazewell: Morton	21-Aug-00	JDP

## INDIANA

### Butterflies

<b>HESPERIIDAE</b>			
Pyrgus communis	Kosciusko: Milford	21-Aug-00	EMS
Hylephila phyleus	Wabash: N. Manchester	18-Aug-00	EMS
Hesperia leonardus	Kosciusko: Silver Lake	18-Aug-00	EMS
<b>PAPILIONIDAE</b>			
Battus philenor	Wabash: N. Manchester	11-May-00	EMS
Papilio troilus	Wabash: N. Manchester	15-Apr-00	EMS
Eurytides marcellus	Wabash: N. Manchester	11-May-00	EMS
<b>PIERIDAE</b>			
Pontia protodice	Kosciusko: Milford	26-Aug-00	EMS
Pieris oleracea	Kosciusko: Milford	20-Aug-00	EMS
Phoebis sennae eubule	Union: Whitewater Memorial State Park	17-Jun-00	EMS
Phoebis philea	WABASH: N. Manchester	13-Sep-00	EMS
third Indiana record			
Eurema lisa	Wabash: N. Manchester	02-Sep-00	EMS
<b>LYCAENIDAE</b>			
Lycaena hyllus	Union: Whitewater Memorial State Park	17-Jun-00	EMS
Satyrium caryaevorum	Union: Whitewater Memorial State Park	17-Jun-00	EMS
Satyrium liparops strigosum	Union: Whitewater Memorial State Park	17-Jun-00	EMS
Strymon melinus humuli	Union: Whitewater Memorial State Park	17-Jun-00	EMS
Celastrina ladon	Wabash: N. Manchester	04-Mar-00	EMS
Celastrina neglecta	Wabash: N. Manchester	15-Jul-00	EMS

**NYMPHALIDAE**

Libytheana carinenta	Kosciusko: Milford	20-Aug-00	EMS
Nymphalis antiopa temperature at 50 degrees F.	Wabash: N. Manchester	01-Jan-00	EMS
Euptoieta claudia	Union: Whitewater Memorial State Park	17-Jun-00	EMS
Speyeria cybele thousands observed in the park	Union: Whitewater Memorial State Park	17-Jun-00	EMS
Chlosyne nycteis	Union: Whitewater Memorial State Park	17-Jun-00	EMS
Enodia anhedon	LaGrange: Mongo	29-May-00	EMS
Satyrodes eurydice	LaGrange: Mongo	29-May-00	EMS

**Moths****LASIOCAMPIDAE**

Malacosoma americanum	Wabash: N. Manchester	14-May-00	EMS
Malacosoma americanum larvae doing considerable damage in Wabash and Union Counties	Union: Whitewater Memorial State Park	17-Jun-00	EMS

**SATURNIIDAE**

Eacles imperialis	Wabash: N. Manchester	15-May-00	EMS
Citheronia regalis	Wabash: N. Manchester	14-May-00	EMS
Actias luna	Wabash: N. Manchester	16-May-00	EMS

**SPHINGIDAE**

Manduca sexta	Wabash: N. Manchester	04-Sep-00	EMS
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**NOCTUIDAE**

Catocala innubens	Wabash: N. Manchester	29-Jun-00	EMS
Catocala piatrix	Wabash: N. Manchester	16-Aug-00	EMS
Catocala unijuga	Wabash: N. Manchester	14-Aug-00	EMS
Catocala illecta	Perry: Mt. Pleasant	28-Jun-00	RDK
Catocala minuta	Wabash: N. Manchester	04-Jul-00	EMS
Noctua pronuba	Wabash: N. Manchester	16-Aug-00	EMS

**IOWA****Butterflies****LYCAENIDAE**

Glaucopsyche lygdamus seen every year since 1989	Pocahontas: Railroad prairie W of Laurens	05-May-00	RVH
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**MICHIGAN**

Nielsen reported an early and abnormally mild spring, with Michigan being at the northern fringe of abnormal dryness. Great Lakes levels are at their lowest since 1965. Temperatures from May to September ranged from near to below normal statewide, with precipitation highly variable. Despite weather uncertainties, moth collecting was productive throughout the state. Papilio cressphontes was more numerous in the southern half of the Lower Peninsula; and Noctua pronuba continues to be reported from wide areas of the state.

**Butterflies****HESPERIIDAE**

Oarisma poweshiek also MCN, voucher photos taken	Jackson: 3 mi. W of Liberty	08-Jul-00	TH
Hesperia comma laurentina also MCN	Gogebic: Ottawa NF	12-Aug-00 - 13-Aug-00	OAP
Hesperia comma laurentina	Baraga: Baraga SF	14-Aug-00	MCN
Euphyes dukesi documented site for threatened species	Wayne: T4S, R10E, Sec 7	13-Jul-00	OAP
Euphyes bimacula 2 females at Iris versicolor flowers	Cheboygan: Hebron Mail Rd. & Potter Rd.	29-Jun-00	BGS
Euphyes bimacula 2 males at Asclepias incarnata and Iris versicolor flowers	EMMET: Wilderness SP, Wagashance Pt.	10-Jul-00	BGS

**PAPILIONIDAE**

Papilio polyxenes asterius	BARAGA: Alberta	19-May-00	TH
Papilio polyxenes asterius	ONTONOGON: T50N, R42W, Sec 33	20-May-00	OAP
Papilio cressphontes ovipositing on Hop-tree	MECOSTA: Canadian Lakes	12-Aug-00	ETH
Papilio glaucus melanic female	ISABELLA: Mt. Pleasant	16-May-00	ETH

**PIERIDAE**

Pieris virginiensis also RK, MCN, OAP	Baraga: Baraga SF	19-May-00	TH
Pieris virginiensis also RK, MCN, OAP	Ontonogon: Ottawa NF	20-May-00	TH

Euchloe olympia	LUCE: T46N, R12W, Sec 27	08-Jun-00	OAP
Phoebis sennae eubule	MECOSTA: Canadian Lakes	07-Jul-00 - 14-Sep-00	ETH
<b>LYCAENIDAE</b>			
Lycaena epixanthe michiganensis	LUCE: Lake Superior NF	14-Aug-00	MCN
Lycaena epixanthe michiganensis	Chippewa: Hiawatha NF	14-Aug-00	OAP
Callophrys augustinus	GOGEBIC: T45N, R38W, Sec 7	20-May-00	OAP
Callophrys polios	ONTONOGON: Porcupine Mountains SP	20-May-00	MCN
Callophrys irus	Allegan: Allegan SGA	05-May-00	MCN
voucher photos taken			
Callophrys henrici	Kent: Howard Christensen Nature Center	24-Apr-00	GBS
Callophrys henrici	KALKASKA: Pere Marquette SF	17-Jun-00	MCN
record from Irwin Elsner			
Callophrys niphon clarki	Mecosta: Canadian Lakes	29-Apr-00 - 21-May-00	ETH
Celastrina ladon lucia	ONTONOGON: T51N, R43W, Sec 21	20-May-00	OAP
Celastrina neglecta	ONTONOGON: Ottawa NF	12-Aug-00	OAP
NWrange extension			
Celastrina neglecta	GOGEBIC: Ottawa NF	12-Aug-00	OAP
NWrange extension			
Lycaeides melissa samuelis	Allegan: Allegan SGA	11-Jul-00	MCN
voucher photos taken			
Lycaeides melissa samuelis	KENT: Edgerton	11-Jul-00 - 27-Jul-00	MCN
<b>RIODINIDAE</b>			
Calephelis muticum	Jackson: 3 mi. W of Liberty	08-Jul-00	MCN
<b>NYMPHALIDAE</b>			
Polygonia interrogationis	ALLEGAN: T2N, R14W, Sec 28	02-Jul-00	OAP
Polygonia comma	ALLEGAN: T2N, R14W, Sec 28	02-Jul-00	OAP
Polygonia progne	MONROE: T7S, R6E, Sec 15	20-Jun-00	OAP
Junonia coenia	Berrien: Grand Mere Dunes SP	03-Jun-00 - 29-Sep-00	MCN
also OAP			
Junonia coenia	Allegan: Allegan SGA	01-Jul-00 - 11-Jul-00	MCN
Junonia coenia	Emmet: Wilderness SP	09-Aug-00	GBS
Junonia coenia	Chippewa: De Tour SF	12-Aug-00	GBS
Euptoieta claudia	St. Joseph: Three Rivers SGA	03-Jun-00	OAP
also MCN			
Euptoieta claudia	Allegan: Allegan SGA	01-Jul-00	OAP
also MCN			
Boloria frigga saga	Luce: Lake Superior SF	18-May-00	RK
also TH, MCN			
Boloria frigga saga	Baraga: Baraga SF	19-May-00	RK
also TH, MCN			
Boloria freija	Chippewa: Hiawatha NF	18-May-00	RK
Boloria freija	Baraga: Three Lakes	19-May-00	MCN
photographed specimen caught in Aramus sp. orb-web			
Phyciodes batesii	Otsego: Mackinaw SF	17-Jun-00 - 18-Jun-00	MCN
also RK			
Asterocampa clyton	ALLEGAN: T3N, R14W, Sec 31	25-Jun-00	OAP
Satyroides appalachia leeuwi	ALGER: Onota Twp.	10-Aug-00	MCN
record from Chip Francke, northern range extension			
Neonympha mitchellii	Jackson: 3 mi. W of Liberty	08-Jul-00	TH
also MCN, voucher photos taken			
Oeneis chryxus strigulosa	Newaygo: Manistee NF	02-May-00	MCN
Oeneis chryxus strigulosa	Baraga: Copper Country SF	19-May-00	RK
also TH, MCN			
<b>Moths</b>			
<b>HEPIALIDAE</b>			
Sthenopsis quadriguttatus	Otsego: Mackinaw SF	15-Jul-00	MCN
Hepialus gracilis	OTSEGO: Mackinaw SF	15-Jul-00	MCN
<b>INCURVARIIDAE</b>			
Adela ridingsella	Cass: T5S, R15W, Sec 23	09-Jun-00	GJB
<b>LYONETIIDAE</b>			
Bucculatrix leptalea	KALAMAZOO: near Gourdneck SGA	09-Aug-00 - 23-Aug-00	GJB
STATE RECORD, new host record, cocoons collected on foliage of Artemisia campestris 7 Aug 2000			
<b>OECOPHORIDAE</b>			
Stathmopoda aenea	Mackinac: T41N, R5W, Sec 23	04-May-00 - 26-May-00	GJB
emerged indoors; ex cocoon			

<b>DOUGLASIIDAE</b>				
<i>Tinagma obscurofasciella</i>	CASS: T5S, R15W, Sec 23		03-Jun-00	GJB
	STATE RECORD, flushed from vegetation late afternoon/ early evening, sandy soil			
<b>TORTRICIDAE</b>				
<i>Aethes patricia</i>	Barry: T3N, R10W, Sec 10		26-Aug-00	GJB
wet prairie				
<b>PYRALIDAE</b>				
<i>Pyrausta bicoloralis</i>	CHEBOYGAN: Grass Bay Nature Preserve		12-Jul-00	BGS
<i>Crambus satrapellus</i>	Allegan: T3N, R13W, Sec. 18		05-Sep-99	GJB
<b>GEOMETRIDAE</b>				
<i>Cabera quadrifasciaria</i>	Barry: T3N, R10W, Sec 3		10-Jun-00	GJB
<i>Scopula frigidaria</i>	Keweenaw: near Copper Harbor		01-Jul-00 - 04-Jul-00	GJB
<i>Entephria separata</i>	KEWEENAW: nr Copper Harbor		01-Jul-00 - 04-Jul-00	GJB
first record from Michigan mainland; previously reported as <i>E. aurata</i> from Isle Royale				
<b>LASIOCAMPIDAE</b>				
<i>Heteropacha rileyana</i>	Lenawee: Morenci, along Bean Creek		15-Apr-00 - 07-Jul-00	MCN
<b>SPHINGIDAE</b>				
<i>Ceratomia hageni</i>	Cass: 1.5 mi. SE of Volina		05-May-00	MCN
<b>ARCTIIDAE</b>				
<i>Ecpantheria scribonia</i>	LENAWEE: Morenci, along Bean Creek		07-Jul-00	MCN
<i>Platarctia parthenos</i>	Otsego: Mackinaw SF		14-Jul-00 - 23-Jul-00	MCN
<i>Arctia caja americana</i>	GOGEBIC: Ottawa NF		11-Aug-00	MCN
<i>Grammia oithona</i>	BARRY: Barry SGA		01-Sep-00	MCN
<i>Pygarctia spraguei</i>	Cass: T5S, R15W, Sec 23		09-Jun-00	GJB
<i>Pygarctia spraguei</i>	Barry: T3N, R10W, Sec 3		10-Jun-00	GJB
<b>NOCTUIDAE</b>				
<i>Redectis vitrea</i>	Allegan: T3N, R13W, Sec. 18		05-Sep-99	GJB
STATE RECORD				
<i>Isogona tenuis</i>	Lenawee: Morenci, along Bean Creek		07-Jul-00	MCN
<i>Ascalapha odorata</i>	CHIPPEWA: Pt. Vermilion		22-Aug-00	MCN
record from Brian Nelson				
<i>Allotria elonympha</i>	Cass: 1.5 mi. SE of Volina		05-May-00	MCN
<i>Catocala coelebs</i>	Otsego: Mackinaw SF		10-Aug-00 - 25-Aug-00	MCN
<i>Catocala coelebs</i>	Cheboygan: Mackinaw SF		25-Aug-00	MCN
<i>Catocala coelebs</i>	Chippewa: Lake Superior SF		07-Sep-00	MCN
<i>Catocala nebulosa</i>	Clinton: Rose Lake WRA		22-Aug-00	MCN
<i>Catocala nebulosa</i>	Cass: Dr. Lawless County Park		02-Sep-00	MCN
<i>Catocala unijuga</i>	Otsego: Mackinaw SF		25-Oct-00	MCN
late date				
<i>Catocala semirelicta</i>	Otsego: Mackinaw SF		24-Aug-00 - 25-Aug-00	ETH
also MCN				
<i>Catocala semirelicta</i>	Chippewa: Lake Superior SF		07-Sep-00	MCN
<i>Diachrysia aeroides</i>	GOGEBIC: Ottawa NF		11-Aug-00	MCN
<i>Pseudeva purpurigera</i>	Allegan: Allegan SGA		01-Jul-00	MCN
<i>Chrysanympha formosa</i>	MECOSTA: Canadian Lakes		09-Sep-00	ETH
<i>Exyra fax</i>	Barry: Barry SGA		01-Sep-00	MCN
<i>Acrionicta funeralis</i>	Luce: Lake Superior SF		21-May-00	MCN
<i>Eremobina jocasta</i>	CHEBOYGAN: Mackinaw SF		07-Sep-00	MCN
<i>Meropleon ambifuscum</i>	Barry: Barry SGA		01-Sep-00	MCN
<i>Spartiniphaga inops</i>	Barry: Barry SGA		01-Sep-00	MCN
<i>Spartiniphaga panatela</i>	BARRY: Barry SGA		09-Jun-00	MCN
<i>Parapamea buffaloensis</i>	Cass: Dr. Lawless County Park		02-Sep-00	MCN
<i>Parapamea buffaloensis</i>	Berrien: Grand Mere Dunes SP		30-Sep-00	MCN
<i>Papaipema speciosissima</i>	Barry: Barry SGA		01-Sep-00	MCN
<i>Papaipema speciosissima</i>	Berrien: Grand Mere Dunes SP		30-Sep-00	RK
also MCN				
<i>Papaipema inquaesita</i>	MECOSTA: Mecosta		09-Sep-00	ETH
<i>Papaipema appassionata</i>	Barry: Barry SGA		01-Sep-00	MCN
<i>Papaipema beeriana</i>	Barry: Shaw Lake (fen)		09-Sep-00	GJB
<i>Papaipema unimoda</i>	LUCE: Lake Superior SF		07-Sep-00	MCN
<i>Papaipema unimoda</i>	MARQUETTE: Huron Mountain Club		26-Sep-00	RP
<i>Iodopepla u-album</i>	CHEBOYGAN: Mackinaw SF		25-Aug-00	MCN
<i>Bellura brehmei</i>	KEWEENAW: Agate Harbor		01-Jul-00 - 02-Jul-00	GJB
STATE RECORD				
<i>Fagitana littera</i>	BARRY: Barry SGA		09-Jun-00	MCN
<i>Magusa orbifera</i>	CHIPPEWA: Lake Superior SF		07-Sep-00 - 08-Sep-00	MCN

<i>Xylena nupera</i>	Chippewa: Lake Superior SF	08-Sep-00	MCN
<i>Xylena thoracica</i>	Otsego: Mackinaw SF	28-Apr-00	MCN
<i>Xylena cineritia</i>	Otsego: Mackinaw SF	28-Apr-00	MCN
<i>Lithophane amanda</i>	Chippewa: Lake Superior SF	08-Sep-00	MCN
<i>Lithophane thaxteri</i>	Chippewa: Lake Superior SF	07-Sep-00 - 08-Sep-00	MCN
<i>Eupsilia devia</i>	INGHAM: Lansing	01-Mar-00 - 24-Mar-00	MCN
<i>Sericaglaea signata</i> single fresh moth at bait	Cass: Lawless County Park	25-Feb-00	GJB
<i>Epiglaea decliva</i>	CLINTON: 2.5 mi. NE of Waucousta	20-Oct-00	MCN
<i>Epiglaea apiata</i>	Cheboygan: Mackinaw SF	06-Sep-00	MCN
<i>Epiglaea apiata</i>	Chippewa: Lake Superior SF	06-Sep-00 - 08-Sep-00	MCN
<i>Chaetaglaea sericea</i> also MCN	Berrien: Grand Mere Dunes SP	30-Sep-00	RK
<i>Xanthia togata</i>	MARQUETTE: Huron Mountain Club	26-Sep-00	RP
<i>Hillia iris</i>	Cheboygan: Mackinaw SF	07-Sep-00	MCN
<i>Fishia enthea</i>	CHIPPEWA: Lake Superior SF	07-Sep-00 - 08-Sep-00	MCN
<i>Xylotype acadia</i>	CHIPPEWA: Lake Superior SF	06-Sep-00 - 07-Sep-00	MCN
<i>Xylotype acadia</i>	MARQUETTE: Huron Mountain Club	26-Sep-00	RP
<i>Feralia jocosa</i>	Otsego: Mackinaw SF	27-Apr-00	MCN
<i>Feralia major</i>	Otsego: Mackinaw SF	27-Apr-00	MCN
<i>Brachionycha borealis</i>	Otsego: Mackinaw SF	27-Apr-00	MCN
<i>Psaphida thaxteriana</i>	Clinton: Rose Lake WRA	08-Mar-00	MCN
<i>Homohadena badistriga</i>	Otsego: Mackinaw SF	22-Jul-00 - 23-Jul-00	MCN
<i>Homohadena badistriga</i>	Chippewa: Detour	24-Jul-00	MCN
<i>Homohadena infixa</i>	LUCE: Lake Superior SF	07-Sep-00	MCN
<i>Oncocnemis saundersiana</i>	BARRY: Barry SGA	01-Sep-00	MCN
<i>Oncocnemis piffardi</i>	CHIPPEWA: Lake Superior SF	07-Sep-00	MCN
<i>Oncocnemis riparia</i>	Otsego: Mackinaw SF	15-Jul-00	MCN
<i>Oncocnemis riparia</i>	Antrim: 2 mi. N of East Port	19-Jul-00	FWS
<i>Cucullia speyeri</i>	Otsego: Mackinaw SF	15-Jul-00	MCN
<i>Lacanobia nevadae</i>	Luce: Lake Superior SF	21-May-00	MCN
<i>Lacanobia nevadae</i>	Keweenaw: near Copper Harbor	01-Jul-00	GJB
<i>Lacanobia nevadae</i>	Keweenaw: Great Sand Bay (dunes)	05-Jul-00	GJB
<i>Lacanobia nevadae</i>	Keweenaw: west end Lake Bailey	05-Jul-00	GJB
<i>Lacanobia lilacina</i>	Otsego: Mackinaw SF	22-Jul-00	MCN
<i>Anarta luteola</i>	ONTONOGON: Ottawa NF	20-May-00	MCN
<i>Euxoa quebecensis</i>	Keweenaw: Great Sand Bay (dunes)	04-Jul-00 - 05-Jul-00	GJB
<i>Xestia praevia</i>	Otsego: Mackinaw SF	22-May-00 - 23-May-00	MCN
<i>Ufeus satyricus</i>	MARQUETTE: Huron Mountain Club	26-Sep-00	RP
<i>Pyrria adela</i>	Ottawa: T8N, R14W, Sec 19	28-Apr-00 - 05-May-00	GJB

emerged indoors; ex. larva collected on *Penstemon digitalis* on 15-Jun-1999

## MINNESOTA

Weber noted a long and mild season, lasting 7 1/2 months, beginning with *Nymphalis antiopa*, *N. milberti* and *Polygonia progne* on 5 March, and ending with *Colias philodice* on 23 October. Weather conditions were characterized by wide and wild temperature swings. Monarch numbers were down about 25% from 1999, and sightings were most numerous in early August at rough blazing star flowers.

### Butterflies

#### HESPERIIDAE

<i>Atalopedes campestris</i>	Hubbard: Mantrap Twp.	24-Sep-00	JWJ
<i>Poanes viator</i>	Beltrami: Bemidji	15-Jul-00	JWJ
<i>Euphyes dion</i> nectaring on <i>Centaurea maculosa</i>	Hubbard: Nevis Twp.	27-Jul-00	JWJ
<i>Euphyes bimacula</i>	Hubbard: Nevis Twp.	28-Jun-00	JWJ
<i>Atrytonopsis hianna</i> nectaring on <i>Phlox pilosa</i>	Hubbard: Nevis Twp.	11-Jun-00	JWJ

#### LYCAENIDAE

<i>Lycaena dorcas</i> nectaring on <i>Potentilla palustris</i>	Beltrami: Lake Bemidji SP	15-Jul-00	JWJ
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#### NYMPHALIDAE

<i>Boloria eunomia dawsoni</i>	Cass: Shingobee Recreation Area	01-Jul-00	JWJ
<i>Boloria bellona</i> unusually early record, previous early record 9 May.	Hubbard: Mantrap Twp.	23-Mar-00 - 15-Sep-00	JWJ

## WEST VIRGINIA

### Butterflies

#### HESPERIIDAE

Hylephila phyleus nectaring at Asclepias syriaca	Fayette: Babcock SP	27-Jul-00 - 31-Jul-00	D/ K
Atalopedes campestris female, nectaring on Vernonia sp.	Fayette: Babcock SP	27-Jul-00	D/ K
Poanes zabulon nectaring at Cirsium discolor	Fayette: Babcock SP	02-Sep-00	D/ K
Calpodus ethlius STATE RECORD, nectaring at Asclepias syriaca	FAYETTE: near Babcock SP	31-Jul-00	D/ K

#### PAPILIONIDAE

Battus philenor abundant at Asclepias syriaca flowers	Fayette: Babcock SP	27-Jul-00 - 02-Sep-00	D/ K
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#### NYMPHALIDAE

Polygona interrogationis larvae on Ulmus americana	Fayette: Babcock SP	27-Jul-00	D/ K
Speyeria diana males abundant in mid-July, early females 27-30 July, females worn 28 Sept.	Fayette: Babcock SP	14-Jul-00 - 02-Sep-00	D/ K
Speyeria cybele abundant	Fayette: Babcock SP	27-Jul-00 - 02-Sep-00	D/ K

## WISCONSIN

As in the previous two years, the 2000 season began early and followed a mild winter; phenologically not as early as 1998 but earlier than 1999. Ferge documented early records of several species of hibernating Eupsilia and Lithophane on 25 February in Rock County, but experienced a slowdown due to cold conditions in May. Sabourin noted a generally mild season in northwestern Wisconsin, but with less humidity than in the past three years. The Swengels reported a good season for migrants, although not as good as 1999. They reported Junonia coenia in Columbia, Iowa, Jackson, Portage, St. Croix and Wood Counties, with the first sighting in Sauk County on 7 May. Euptoieta claudia was seen in Burnett, Crawford, Jackson, Portage and Sauk Counties from early June through August. Strymon melinus and Eurema lisa were also reported from several localities, extending into central Wisconsin. Monarchs were seen from 15 May through 1 November, arriving as early as last year but persisting a bit later. A number of stray or migrant moth species were collected, including Anticarsia gemmatalis, Ctenoplusia oxygramma, Magasa orbifera, Euxoa auxiliaris, Condica sutor and Agrotis subterranea, the latter two being new STATE records taken at bait in early November.

### Butterflies

#### HESPERIIDAE

Erynnis martialis	Burnett: Crex Meadows & Burnett County Forest	25-May-00 - 27-Jul-00	SAS
Erynnis martialis	Burnett: Namekagon Barrens	11-Aug-00	JCP
Erynnis lucilius	Grant: Cassville	23-Jul-00	JCP
Oarisma poweshiek	Waukesha: Kettle Moraine SF	05-Jul-00	JAE
Hylephila phyleus	JACKSON: Black River SF/ Jackson Co. Forest	20-Jul-00	SAS
Hylephila phyleus	Waukesha:	05-Sep-00 - 19-Oct-00	JAE
Hesperia ottoe	Crawford: Hogback Prairie	04-Jul-00	SAS
Hesperia metea	Jackson: Bauer Brockway Barrens SNA	02-May-00	SAS
Polites origenes	Waukesha: Kettle Moraine SF	15-Jul-00	JAE
Poanes massasoit	COLUMBIA: French Creek Wildlife Area	15-Jul-00	LAF
Poanes viator	COLUMBIA: French Creek Wildlife Area	15-Jul-00	LAF
Euphyes dion	Douglas: Hwy. 35 & Pioneer Trail	02-Aug-00	LAF
Euphyes conspicuus	Waukesha: Kettle Moraine SF	09-Jul-00	JAE
Euphyes conspicuus	COLUMBIA: French Creek Wildlife Area	15-Jul-00	LAF

#### PAPILIONIDAE

Eurytides marcellus	WAUKESHA: Okauchee	09-Jun-00	JAE
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#### PIERIDAE

Pieris oleracea	Waukesha: S of Eagle	27-Apr-00	JAE
Eurema lisa	Portage: Buena Vista Marsh	07-Jun-00 - 22-Aug-00	SAS
Eurema lisa	Waukesha: Okauchee	11-Jul-00	JAE
Eurema lisa	Jackson: Black River SF/ Jackson Co. Forest	18-Jul-00	SAS
Eurema lisa	Sauk: International Crane Foundation	26-Aug-00	SAS
Nathalis iole	Crawford: Prairie du Chien	23-Jun-00 - 24-Jul-00	P/ F

#### LYCAENIDAE

Lycaena dorcas	Iron: Oma Twp.	03-Jul-00	LAF
Callophrys grynea	WAUKESHA: Kettle Moraine SF	03-Jun-00	JAE
Callophrys grynea	Grant: Cassville	23-Jul-00	JCP
Callophrys irus	Wbod: Highway X	26-Apr-00 - 23-May-00	SAS
Callophrys irus	Jackson: Black River SF/ Jackson Co. Forest	02-May-00	SAS

<i>Callophrys henrici</i>	Jackson: Black River SF/ Jackson Co. Forest	02-May-00	SAS
<i>Callophrys henrici</i>	Wood: Highway X	03-May-00	SAS
<i>Strymon melinus</i> one individual	Jackson: Black River SF/ Jackson Co. Forest	23-May-00 - 08-Aug-00	SAS
<i>Strymon melinus</i>	Sauk: International Crane Foundation	06-Jul-00	SAS
<i>Strymon melinus</i>	Grant: Jamestown Twp.	03-Sep-00	LAF
<i>Strymon melinus</i>	Waukesha: Oconomowoc	12-Oct-00 - 18-Oct-00	JAE
<i>Strymon melinus</i>	Dane: UW-Madison Campus	02-Nov-00	LAF
<i>Hemiargus isola</i> one individual sighted in each of two well-spaced sites	Burnett: Burnett County Forest	27-Jul-00	SAS
<i>Glaucopteryx lygdamus couperi</i>	Bayfield: Moquah Barrens	08-Jun-00	JCP
<i>Lycaeides melissa samuelis</i>	Wood: Highway X	16-May-00 - 23-Aug-00	SAS
<i>Lycaeides melissa samuelis</i>	Jackson: Black River SF/ Jackson Co. Forest	23-May-00 - 08-Aug-00	SAS
<i>Lycaeides melissa samuelis</i> earliest date recorded for summer brood in WI	Juneau: Necedah National Wildlife Refuge	09-Jul-00	SAS
<i>Lycaeides melissa samuelis</i>	Adams: Lake Arrowhead	22-Jul-00	JCP
<i>Lycaeides melissa samuelis</i> 4-5 seen in two hours	Marquette: Observatory Hill SNA	02-Aug-00	JAE
<i>Plebejus saepiolus</i>	Bayfield: Cornucopia	30-Jun-00	JCP
<b>RIODINIDAE</b>			
<i>Calephelis muticum</i> one individual photographed, not found on 17 July	Marquette: Chaffee Creek	02-Aug-00	SAS
<b>NYMPHALIDAE</b>			
<i>Polygonia satyrus</i>	Oneida: Minocqua Twp.	10-Aug-00	LAF
<i>Polygonia faunus</i>	Douglas: Oakland Twp.	08-Jun-00	JCP
<i>Vanessa cardui</i>	Portage: Buena Vista Marsh	05-Jul-00	SAS
<i>Vanessa cardui</i>	Waukesha:	24-Aug-00 - 30-Sep-00	JAE
<i>Junonia coenia</i>	Waukesha:	07-Jun-00 - 24-Oct-00	JAE
<i>Junonia coenia</i>	Adams: Big Flats	18-Jun-00	LAF
<i>Junonia coenia</i>	St. Croix: W of Roberts	13-Jul-00	SAS
<i>Junonia coenia</i>	WOOD: Highway X	19-Jul-00	SAS
<i>Junonia coenia</i>	Marathon: Wausau	18-Sep-00	JCP
<i>Euptoieta claudia</i> sight record from Ryan Brady	Bayfield: Moquah Barrens	09-Jul-00	LAF
<i>Euptoieta claudia</i>	Burnett: Crex Meadows	27-Jul-00	SAS
<i>Euptoieta claudia</i>	Waukesha: Vernon Marsh	31-Aug-00	JAE
<i>Speyeria idalia</i>	Crawford: Hogback Prairie	27-Jun-00 - 18-Jul-00	SAS
<i>Speyeria idalia</i>	Portage: Buena Vista Marsh	28-Jun-00	SAS
<i>Speyeria idalia</i>	Iowa: Thomson Prairie	04-Jul-00	SAS
<i>Speyeria idalia</i>	Green: Muralt Bluff Prairie	04-Jul-00	SAS
<i>Speyeria idalia</i>	Columbia: Pine Island Wildlife Area	08-Jul-00	SAS
<i>Boloria eunomia dawsoni</i>	Douglas: Lyman Lake Bog	08-Jun-00	JCP
<i>Boloria titania grandis</i> on goldenrod, yarrow, Joe Pye weed, fireweed, Spiraea, common milkweed and thistle flowers	Douglas: Summit Twp.	02-Aug-00	LAF
<i>Boloria titania grandis</i>	Douglas: Oakland Twp.	10-Aug-00	JCP
<i>Coenonympha inornata</i>	Bayfield: Cornucopia	30-Jun-00	JCP
<i>Coenonympha inornata</i>	Price: Fifield Twp.	03-Jul-00	LAF
<i>Danaus plexippus</i>	Jackson: Black River SF/ Jackson Co. Forest	15-May-00	SAS
<i>Danaus plexippus</i>	Waukesha:	01-Nov-00	JAE
<b>Moths</b>			
<b>TORTRICIDAE</b>			
<i>Phaneta kokana</i> STATE RECORD(?)	BURNETT: Grantsburg	01-Oct-00	MS
<i>Phaneta infimbriana candidula</i> STATE RECORD, eastern range extension	BURNETT: T39N, R19W, Sec 23	11-Aug-00	MS
<i>Eucosma landana</i> This was misidentified as <i>E. simplex</i> in the 1999 Season Summary	BURNETT: Crex Meadows	29-Apr-99	MS
<i>Acleris minuta</i> reared from late instar larva collected 4 Sept. on bog rosemary.	Douglas:	23-Sep-00	MS
<b>PYRALIDAE</b>			
<i>Coenochroa bipunctella</i> STATE RECORD, possibly first interior US record of this Atlantic & Gulf Coastal Plain species	BURNETT: Grantsburg	25-Jun-00	MS
<b>GEOMETRIDAE</b>			
<i>Archiearis infans</i>	Oneida: Minocqua Twp.	25-Mar-00	LAF
<i>Archiearis infans</i>	DOOR: Bailey's Harbor	02-Apr-00	LAF
<i>Glena cribrataria</i>	JACKSON: Jackson County Forest	03-Jun-00	LAF
<i>Paleacrita merriccata</i>	Trempealeau: Trempealeau	05-Mar-00	JCP



Paleacrita merriccata	Jackson: Jackson County Forest	06-Mar-00	LAF
Erastria coloraria	Burnett: Namekagon Barrens	29-Jul-00	RJB
Thera contractata	ASHLAND: Outer Island sandspit	31-Jul-00	LAF
Epirrita autumnata henshawi	Marinette: Dunbar	30-Sep-00	RJB
Eupithecia fredericki	GRANT: Cassville	19-May-99	TR
STATE RECORD, det. G. J. Balogh			
<b>MIMALLONIDAE</b>			
Cicinnus melsheimeri	Douglas: Wascott	07-Jun-00	JCP
<b>LASIOCAMPIDAE</b>			
Heteropacha rileyana	Grant: Cassville	23-Jul-00	JCP
<b>SATURNIIDAE</b>			
Sphingicampa bicolor	Grant: Cassville	23-Jul-00	JCP
Anisota stigma	JACKSON: Jackson County Forest	09-Jul-00	LAF
Anisota virginienis	Douglas: Wascott Twp.	07-Jun-00	JCP
Anisota virginienis	BAYFIELD: Moquah Barrens	08-Jun-00	JCP
Hemileuca maia complex	Jackson: Bear Bluff Twp.	29-Sep-00	JCP
Hyalophora columbia	DOOR: Bailey's Harbor	08-Jun-00	JJS
<b>SPHINGIDAE</b>			
Sphinx gordius	Jackson: Black River Falls	03-Jun-00	JCP
Eumorpha pandorus	RICHLAND: Lone Rock	03-Jul-00	JCP
<b>NOTODONTIDAE</b>			
Clostera brucei	BAYFIELD: Port Wng Boreal Forest SNA	09-Aug-00	JCP
Notodonta scitipennis	DOOR: Bailey's Harbor	31-Jul-00	JJS
Schizura apicalis	Burnett: Kohler-Peet Barrens SNA	06-Jul-00	LAF
<b>ARCTIIDAE</b>			
Holomelina lamae	LINCOLN: Harrison Twp.	01-Jul-00	LAF
Holomelina lamae	PRICE: Fifield Twp.	03-Jul-00	LAF
Holomelina lamae	IRON: Manitowish	03-Jul-00	LAF
Epantheria scribonia	JACKSON: Jackson County Forest	03-Jun-00	P/ F
Grammia speciosa	Bayfield: Port Wng Boreal Forest SNA	09-Aug-00	JCP
Pygarctia spraguei	Jackson: Black River Falls	28-Jul-00	JCP
<b>NOCTUIDAE</b>			
Mycterophora inexplicata	DOUGLAS: Oakland Twp.	30-Jul-00	RJB
Anticarsia gemmatalis	MANITOWOC: Two Rivers	01-Nov-00	LAF
two fresh specimens at sugar bait			
Panopoda carneicosta	RICHLAND: Gotham	03-Jul-00	JCP
Drasteria graphica atlantica	Ashland: Stockton Island	08-Jun-00 - 05-Jul-00	LAF
Catocala coelebs	ASHLAND: Stockton Island	24-Aug-00	LAF
Catocala whitneyi	Burnett: Kohler-Peet Barrens SNA	11-Aug-00	JCP
Catocala amestris	Grant: Cassville	23-Jul-00	JCP
Catocala clintoni	BURNETT: Kohler-Peet Barrens SNA	06-Jul-00	LAF
Catocala connubialis	Waushara: Cedar Creek SFA	24-Jul-00	LAF
Ctenoplusia oxygramma	MARATHON: Norrie	31-Aug-00	LAF
Autographa flagellum	IRON: Manitowish	03-Jul-00	LAF
Syngrapha viridisigma	Bayfield: Port Wng Boreal Forest SNA	09-Aug-00	JCP
Syngrapha viridisigma	ASHLAND: Stockton Island	24-Aug-00	LAF
Cerma cora	BAYFIELD: Moquah Barrens	08-Jun-00	JCP
Acronicta quadrata	Douglas: Solon Springs	07-Jun-00	JCP
Apamea inficita	ASHLAND: Rocky Island and Outer Island	31-Jul-00 - 24-Aug-00	LAF
STATE RECORD; confirmed by M.C. Nielsen			
Apamea relicina	ADAMS: Big Flats	26-Aug-00	LAF
Apamea relicina	WOOD: Saratoga Township	26-Aug-00	LAF
Meropleon ambifuscum	WOOD: Saratoga Twp.	26-Aug-00	LAF
Selicanis cinereola	Jackson: Black River Falls	29-Sep-00	JCP
Spartiniphaga includens	Grant: Woodman	23-Jun-00	P/ F
Spartiniphaga panatela	IRON: Oma Twp.	03-Jul-00	LAF
Papaipema cerina	CLARK: Foster Twp.	29-Sep-00	JCP
Papaipema appassionata	ASHLAND: Stockton Island	24-Aug-00	LAF
Papaipema necopina	CLARK: Foster Twp.	29-Sep-00	JCP
Papaipema rigida	Clark: Foster Twp.	29-Sep-00	JCP
Papaipema sciata	Clark: Foster Twp.	29-Sep-00	JCP
Hydraecia micacea	Bayfield: Port Wng Boreal Forest SNA	09-Aug-00	JCP
Achatodes zaeae	BAYFIELD: Port Wng Boreal Forest SNA	09-Aug-00	JCP
Chytonix sensilis	Burnett: Namekagon Barrens	28-Jul-00	RJB
Magusa orbifera	CLARK: Foster Twp.	29-Sep-00	JCP
Magusa orbifera	MARINETTE: Dunbar	29-Sep-00	RJB

Magusa orbifera	Jackson: Black River Falls	29-Sep-00	JCP
Caradrina meralis	ADAMS: Big Flats	26-Aug-00	LAF
Caradrina multifera	Ashland: Stockton Island	24-Aug-00	LAF
Caradrina multifera	BAYFIELD: Raspberry Island	24-Aug-00	LAF
Condica sutor	MANITOWOC: Two Rivers	01-Nov-00	LAF
STATE RECORD; one specimen at bait			
Lithophane patefacta	JACKSON: Jackson County Forest	06-Mar-00	LAF
Lithophane patefacta	IRON: Oma Twp.	01-Oct-00	LAF
Lithophane amanda	DOOR: Toft Point SNA	01-Apr-00	LAF
Lithophane disposita	Trempealeau: Trempealeau	05-Mar-00	JCP
Lithophane thujae	FOREST: Armstrong Creek	30-Sep-00	RJB
second locality for the state, westernmost record			
Lithophane lepida	MARINETTE: Dunbar	29-Sep-00	RJB
STATE RECORD; one specimen at UV light, det. L.A. Ferge			
Eupsilia devia	TREMPEALEAU: Trempealeau	05-Mar-00	JCP
Eupsilia devia	Marinette: Dunbar Barrens SNA	30-Sep-00	RJB
Metaxaglaea viatica	MANITOWOC: Two Rivers	05-Nov-00	LAF
STATE RECORD, one specimen at sugar bait			
Chaetoglaea cerata	Marinette: Dunbar	30-Sep-00	RJB
Psaphida thaxteriana	Jackson: Pray	05-Mar-00	JCP
Oncocnemis viriditincta	ADAMS: Big Flats	26-Aug-00	LAF
Oncocnemis riparia	BURNETT: Namekagon Barrens	28-Jul-00	RJB
Lacanobia nevadae	Forest: Armstrong Creek	30-May-00	RJB
Lacanobia nevadae	ASHLAND: Outer Island sandspit	05-Jul-00	LAF
Trichordestra rugosa	Jackson: Jackson County Forest	03-Jun-00	P/ F
Trichordestra rugosa	DOUGLAS: Wascott and Oakland Townships	07-Jun-00 - 30-Jun-00	JCP
Agrotis subterranea	MANITOWOC: Two Rivers	01-Nov-00	LAF
STATE RECORD, one specimen at sugar bait			
Euxoa quebecensis	Bayfield: Port Wing Boreal Forest SNA	29-Jun-00	JCP
Euxoa lidia thanatologia	Oneida: Sugar Camp	01-Jul-00	LAF
Euxoa auxiliaris	GRANT: Cassville	23-Jul-00	JCP
Euxoa auxiliaris	BAYFIELD: Port Wing Boreal Forest SNA	09-Aug-00	JCP
Euxoa auxiliaris	DANE: Middleton (Ferge backyard)	19-Oct-00	LAF
Euxoa mimallonis	ASHLAND: Rocky Island	31-Jul-00 - 24-Aug-00	LAF
Euxoa manitobana	BURNETT: Namekagon Barrens	28-Jul-00	RJB
Cerastis fishii	VILAS: Land O' Lakes Twp.	03-May-00	JCP
Schinia indiana	Jackson: Jackson County Forest & Black River SF	23-May-00 - 30-May-00	SAS
not seen on 6 June 2000			
Schinia indiana	Burnett: Crex Meadows & Danbury	25-May-00	SAS
Schinia thoreaui	WAUSHARA: Wedde Creek SFA	24-Jul-00	LAF
Schinia lucens	Green: Muralt Prairie & Oliver Prairie	04-Jul-00	SAS
Schinia lucens	Iowa: Thomson Prairie	18-Jul-00	SAS

## Zone 9 Southeast

## Mississippi, Alabama, Georgia, Florida, South Carolina, North Carolina, Tennessee, Virginia

Coordinator: Brian G. Scholtens

### Contributors Cited:

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 RLP : Ricky L. Patterson  
 JPT : James P. Tuttle

RWB : Richard W. Boscoe  
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 LKG : Ljiljana Grkovich  
 RHL : Ron H. Leuschner  
 BR : Bill Russell  
 MW : Mark Walker

## ALABAMA

### Butterflies

#### HESPERIIDAE

Calpodus ethlius Jefferson: Birmingham Botanical Gardens 01-Sep-00 VIC

#### LYCAENIDAE

Leptotes cassius Jefferson: Birmingham Botanical Gardens 03-Sep-00 VIC  
 Leptotes cassius Jefferson: Birmingham, Cahaba River bank 10-Sep-00 VIC

**NYMPHALIDAE**

<i>Enodia portlandia</i>	Bibb: Tunnehill St Pk	09-Sep-00	VIC
<i>Enodia portlandia</i>	Lawrence: W. B. Bankhead Nat. For.	17-Sep-00	VIC
<i>Enodia portlandia</i>	Hale: Talladega Nat. For.	28-Sep-00	VIC
<i>Cyllopsis gemma</i>	Lawrence: W. B. Bankhead Nat. For.	17-Sep-00	VIC

**FLORIDA**

**Butterflies**

**HESPERIIDAE**

<i>Epargyreus clarus</i>	BAKER: Sanderson	02-Aug-00	RES
Grassland along RR tracks at 8:30 am			
<i>Thorybes bathyllus</i>	MADISON: US 90 (old Hwy), Wbank of Suwanee River	02-Aug-00	RES
<i>Erynnis horatius</i>	MADISON: US 90 (old Hwy), Wbank of Suwanee River	02-Aug-00	RES
<i>Erynnis zarucco</i>	MADISON: US 90 (old Hwy), Wbank of Suwanee River	02-Aug-00	RES
<i>Erynnis zarucco</i>	WASHINGTON: US 90, 1-3 mi. E. of Chipley	02-Aug-00	RES
mainly nectaring on tall verbena			
<i>Erynnis baptisiae</i>	GADSDEN: SR 269, 3 mi. S. of Chattahoochee	02-Aug-00	RES
<i>Erynnis baptisiae</i>	JACKSON: US 90, W. side of Apalachicola River	02-Aug-00	RES
<i>Pyrgus communis</i>	MADISON: US 90 (old Hwy), Wbank of Suwanee River	02-Aug-00	RES
<i>Pyrgus oileus</i>	SUWANEE: US 90 at RR crossing W of Falmouth	02-Aug-00	RES
<i>Pyrgus oileus</i>	JACKSON: US 90, W. side of Apalachicola River	02-Aug-00	RES
<i>Pyrgus oileus</i>	MADISON: US 90 (old Hwy), Wbank of Suwanee River	02-Aug-00	RES
<i>Nastra neamathla</i>	BAKER: Sanderson	02-Aug-00	RES
<i>Lerema accius</i>	WASHINGTON: US 90, 1-3 mi. E. of Chipley	02-Aug-00	RES
<i>Copaeodes minimus</i>	MADISON: US 90 (old Hwy), Wbank of Suwanee River	02-Aug-00	RES
<i>Copaeodes minimus</i>	BAKER: Sanderson	02-Aug-00	RES
<i>Copaeodes minimus</i>	HOLMES: US 90 and SR 79 near Bonifay	02-Aug-00	RES
<i>Hylephila phyleus</i>	WASHINGTON: US 90, 1-3 mi. E. of Chipley	02-Aug-00	RES
<i>Hylephila phyleus</i>	MADISON: US 90 (old Hwy), Wbank of Suwanee River	02-Aug-00	RES
<i>Polites vibex</i>	WASHINGTON: US 90, 1-3 mi. E. of Chipley	02-Aug-00	RES
<i>Polites vibex</i>	HOLMES: US 90 and SR 79 near Bonifay	02-Aug-00	RES
<i>Polites vibex</i>	MADISON: US 90 (old Hwy), Wbank of Suwanee River	02-Aug-00	RES
<i>Atalopedes campestris</i>	JACKSON: US 90, W. side of Apalachicola River	02-Aug-00	RES
<i>Atalopedes campestris</i>	MADISON: US 90 (old Hwy), Wbank of Suwanee River	02-Aug-00	RES
<i>Atalopedes campestris</i>	HOLMES: US 90 and SR 79 near Bonifay	02-Aug-00	RES
<i>Atalopedes campestris</i>	WASHINGTON: US 90, 1-3 mi. E. of Chipley	02-Aug-00	RES
<i>Poanes yehi</i>	GADSDEN: SR 269, 3 mi. S. of Chattahoochee	02-Aug-00	RES
<i>Euphyes dukesi</i>	Putnam: Oklawaha River	25-Sep-00	RWB
confined females oviposited on <i>Rhynchospora</i> ; larvae now feeding on potted <i>Carex</i>			
<i>Euphyes berryi</i>	Volusia: DeLand	22-Sep-00	RWB
confined females oviposited on <i>Carex</i> ; larvae now feeding on potted <i>Carex</i>			
<i>Euphyes vestris</i>	JACKSON: US 90, W. side of Apalachicola River	02-Aug-00	RES
<i>Euphyes vestris</i>	GADSDEN: SR 269, 3 mi. S. of Chattahoochee	02-Aug-00	RES
<i>Euphyes vestris</i>	MADISON: US 90 (old Hwy), Wbank of Suwanee River	02-Aug-00	RES
<i>Euphyes vestris</i>	SUWANEE: US 90 at RR crossing W of Falmouth	02-Aug-00	RES
<i>Euphyes vestris</i>	WASHINGTON: US 90, 1-3 mi. E. of Chipley	02-Aug-00	RES
<i>Panoquina ocola</i>	Volusia: DeLand	22-Sep-00	RWB
females observed ovipositing on <i>Leersia</i> and oviposited in confinement; reared to adults			

**PAPILIONIDAE**

<i>Battus philenor</i>	GADSDEN: SR 269, 3 mi. S. of Chattahoochee	02-Aug-00	RES
<i>Papilio cressphontes</i>	MADISON: US 90 (old Hwy), Wbank of Suwanee River	02-Aug-00	RES
<i>Papilio cressphontes</i>	SUWANEE: US 90 at RR crossing W of Falmouth	02-Aug-00	RES
<i>Papilio glaucus</i>	WASHINGTON: US 90, 1-3 mi. E. of Chipley	02-Aug-00	RES
<i>Papilio glaucus</i>	ESCAMBIA: US 90A, 4 mi. W of Exit 1, I-10 at creek	03-Aug-00	RES
males at mud puddles as early as 9:15 am			
<i>Papilio troilus</i>	SUWANEE: US 90 at RR crossing W of Falmouth	02-Aug-00	RES

**PIERIDAE**

<i>Pieris rapae</i>	BAKER: Sanderson	02-Aug-00	RES
<i>Phoebis sennae eubule</i>	WASHINGTON: US 90, 1-3 mi. E. of Chipley	02-Aug-00	RES
<i>Phoebis sennae eubule</i>	HOLMES: US 90 and SR 79 near Bonifay	02-Aug-00	RES
<i>Phoebis sennae eubule</i>	JACKSON: US 90, W. side of Apalachicola River	02-Aug-00	RES
<i>Phoebis sennae eubule</i>	BAKER: Sanderson	02-Aug-00	RES
<i>Phoebis sennae eubule</i>	ESCAMBIA: US 90A, 4 mi. W of Exit 1, I-10 at creek	03-Aug-00	RES
<i>Eurema lisa</i>	SUWANEE: US 90 at RR crossing W of Falmouth	02-Aug-00	RES
<i>Eurema nicippe</i>	HOLMES: US 90 and SR 79 near Bonifay	02-Aug-00	RES
<i>Eurema nicippe</i>	JEFFERSON: US 90 near Greenville	02-Aug-00	RES

<i>Eurema nicippe</i>	WASHINGTON: US 90, 1-3 mi. E. of Chipley	02-Aug-00	RES
<b>LYCAENIDAE</b>			
<i>Calycopis cecrops</i>	WASHINGTON: US 90, 1-3 mi. E. of Chipley	02-Aug-00	RES
<i>Callophrys grynea</i>	WASHINGTON: US 90, 1-3 mi. E. of Chipley	02-Aug-00	RES
<i>Strymon melinus</i>	MADISON: US 90 (old Hwy), Wbank of Suwanee River	02-Aug-00	RES
<i>Strymon melinus</i>	WASHINGTON: US 90, 1-3 mi. E. of Chipley	02-Aug-00	RES
<b>NYPHALIDAE</b>			
<i>Agraulis vanillae</i>	MADISON: US 90 (old Hwy), Wbank of Suwanee River	02-Aug-00	RES
<i>Agraulis vanillae</i>	WASHINGTON: US 90, 1-3 mi. E. of Chipley	02-Aug-00	RES
<i>Agraulis vanillae</i>	HOLMES: US 90 and SR 79 near Bonifay	02-Aug-00	RES
<i>Agraulis vanillae</i>	JACKSON: US 90, W. side of Apalachicola River	02-Aug-00	RES
<i>Junonia coenia</i>	HOLMES: US 90 and SR 79 near Bonifay	02-Aug-00	RES
<i>Junonia coenia</i>	SUWANEE: US 90 at RR crossing W of Falmouth	02-Aug-00	RES
<i>Junonia coenia</i>	JEFFERSON: US 90 near Greenville	02-Aug-00	RES
<i>Junonia coenia</i>	ESCAMBIA: US 90A, 4 mi. W of Exit 1, I-10 at creek	03-Aug-00	RES
<i>Limenitis archippus</i>	JACKSON: US 90, W. side of Apalachicola River	02-Aug-00	RES
<i>Hermeuptychia sosybius</i>	ESCAMBIA: US 90A, 4 mi. W of Exit 1, I-10 at creek	03-Aug-00	RES
collected in shade of highway bridge			
<i>Danaus gilippus</i>	SUWANEE: US 90 at RR crossing W of Falmouth	02-Aug-00	RES
<b>Moths</b>			
<b>PYRALIDAE</b>			
<i>Phlyctaenia coronata tertialis</i>	Osceola: Kissimmee	05-Nov-00	RHL
<i>Loxocrambus canellus</i>	Brevard: Cocoa Beach	10-Nov-00	RHL
<i>Thaumatopsis actuella</i>	Osceola: Kissimmee	05-Nov-00	RHL
<i>Xubida relovae</i>	Osceola: Kissimmee	05-Nov-00	RHL
<i>Homoeosoma nanophasma</i>	Osceola: Kissimmee	05-Nov-00	RHL
<b>SPHINGIDAE</b>			
<i>Pachylia ficus</i>	Monroe: Garden Cove, North Key Largo	26-Apr-00	JPT
ova & 1st instar larvae on strangler fig ( <i>Ficus aurea</i> )			
<b>NOCTUIDAE</b>			
<i>Paectes nubifera</i>	Brevard: Cocoa Beach	10-Nov-00	RHL

## GEORGIA

### Butterflies

<b>HESPERIIDAE</b>			
<i>Autochton cellus</i>	Murray: Carter's Lake Visitor's Center	28-May-00	IF
several seen			
<i>Copaeodes minimus</i>	WALKER: Pigeon Mountain Rec. Area	08-Jun-00	MW
<i>Problema byssus</i>	McIntosh: Kittles Island, vic. Meridian	29-Jul-99	JAH
<i>Problema bulenta</i>	McIntosh: Kittles Island, vic. Meridian	30-May-00	JAH
<i>Poanes yehl</i>	UNION: S. of Blairsville	23-Jun-00	BOB
<i>Amblyscirtes belli</i>	UNION: S. of Blairsville	24-Jun-00	BOB
<i>Calpodus ethlius</i>	McIntosh: Kittles Island, vic. Meridian	30-May-00	JAH
<b>LYCAENIDAE</b>			
<i>Atlides halesus</i>	McIntosh: Kittles Island, vic. Meridian	01-Jul-00	JAH
<i>Satyrium edwardsii</i>	Rabun: Black Mountain State Park	10-Jun-00	JKA
<i>Fixsenia ontario</i>	Gordon: Calhoun area	28-May-00	JKA
<i>Fixsenia ontario</i>	Whitfield: Rocky Face Ridgeline, SW of Dalton, Co Rd 202	09-Jun-00	MW
<b>RIODINIDAE</b>			
<i>Calephelis virginienensis</i>	McIntosh: Kittles Island, vic. Meridian	07-Oct-99	JAH
<b>NYPHALIDAE</b>			
<i>Speyeria aphrodite</i>	Rabun: Rabun Bald area	30-Jun-00	JKA
many individuals			
<i>Enodia portlandia</i>	McIntosh: Kittles Island, vic. Meridian	01-Jul-00	JAH
<i>Satyrodes appalachia</i>	McIntosh: Kittles Island, vic. Meridian	01-Jul-00	JAH
<i>Cyllopsis gemma</i>	McIntosh: Kittles Island, vic. Meridian	30-Jun-00	JAH
<b>Moths</b>			
<b>HEPIALIDAE</b>			
<i>Sthenopsis auratus</i>	GILMER: 8 mi. W of Ellijay, Gates Chapel Rd.	11-May-00	IF
STATE RECORD; first hepialid for state			
<b>YPONOMEUTIDAE</b>			
<i>Lactura pupula</i>	McIntosh: Kittles Island, vic. Meridian	04-Sep-00	JAH
<b>SESIIDAE</b>			
<i>Vitacea polistiformis</i>	McIntosh: Kittles Island, vic. Meridian	11-Sep-00	JAH
<i>Synanthedon decipiens</i>	McIntosh: Kittles Island, vic. Meridian	11-Sep-00	JAH

<b>COSSIDAE</b>			
<i>Cossula magnifica</i>	McIntosh: Kittles Island, vic. Meridian	12-May-98	JAH
<i>Prionoxystus robiniae</i>	McIntosh: Kittles Island, vic. Meridian	10-May-98	JAH
<b>PYRALIDAE</b>			
<i>Omiodes indicata</i>	McIntosh: Kittles Island, vic. Meridian	14-Oct-98	JAH
<i>Compacta capitalis</i>	Rabun: Lake Burton Rec. Area	20-May-00	BR
<i>Epipaschia zelleri</i>	McIntosh: Kittles Island, vic. Meridian	01-Jun-97	JAH
<i>Pococera asperatella</i>	McIntosh: Kittles Island, vic of Meridian	01-Jun-97	JAH
<b>DREPANIDAE</b>			
<i>Eudeilinia herminiata</i>	GILMER: 8 mi. W of Ellijay, Gates Chapel Rd.	06-Jul-00	BR
<b>GEOMETRIDAE</b>			
<i>Protitame virginalis</i>	GILMER: 8 mi. W of Ellijay, Gates Chapel Rd.	19-Apr-00	IF
<i>Orthofidonia tinctoria</i>	RABUN: Bald Mtn Rd @ Valley John Ln, 0.3 mi S of NC line	18-May-00	JKA
STATE RECORD			
<i>Eufidonia convergaria</i>	Rabun: Bald Mtn Rd @ Valley John Ln, 0.3 mi S of NC line	18-May-00	JKA
<i>Lomographa semiclarata</i>	STEPHENS: Lake Russell Wildlife Man. Area	25-Mar-00	BR
STATE RECORD?			
<i>Erastria coloraria</i>	DAWSON: Dawsonville	29-Jun-00	RCM
very few documented records in state			
<i>Lytrosis permagnaria</i>	Whitfield: Rocky Face Ridgeline, SW of Dalton, Co Rd 202	12-May-00	JKA
<i>Lytrosis permagnaria</i>	Gilmer: 8 mi. W of Ellijay, Gates Chapel Rd.	27-May-00	IF
<i>Euchlaena serrata</i>	FANNIN/ UNION: Cooper's Creek Rec. Area	19-Jun-00	BR
<i>Ceratomyx satanaria</i>	FANNIN: Blue Ridge	09-Mar-00	JKA
<i>Gueneria similaria</i>	FANNIN/ UNION: Cooper's Creek Rec. Area	02-Jul-97	BR
<i>Gueneria similaria</i>	Murray: near summit of Grassy Mountain	19-Apr-00	BR
<i>Gueneria similaria</i>	RABUN: Bald Mtn Rd @ Valley John Ln, 0.3 mi S of NC line	18-May-00	JKA
<i>Gueneria similaria</i>	DAWSON: Dawsonville	29-Jun-00	RCM
<i>Metarranthis amyrisaria</i>	RABUN: Bald Mtn Rd @ Valley John Ln, 0.3 mi S of NC line	18-May-00	JKA
STATE RECORD			
<i>Metarranthis amyrisaria</i>	Rabun: Lake Burton Rec. Area	22-May-00	BR
2nd record in county and state			
<i>Metarranthis indeclinata</i>	Rabun: Bald Mtn Rd @ Valley John Ln, 0.3 mi S of NC line	18-May-00	JKA
<i>Metarranthis indeclinata</i>	Rabun: Lake Burton Rec. Area	22-May-00	BR
<i>Metarranthis hypocharia</i>	FANNIN/ UNION: Cooper's Creek Rec. Area	09-Jun-00	BR
<i>Cepphis decoloraria</i>	Rabun: Lake Burton Rec. Area	22-May-00	BR
very few documented records in state			
<i>Cepphis decoloraria</i>	FANNIN/ UNION: Cooper's Creek Rec. Area	09-Jun-00	BR
<i>Anagoga occiduarua</i>	Rabun: Bald Mtn Rd @ Valley John Ln, 0.3 mi S of NC line	18-May-00	JKA
<i>Plagodis serinaria</i>	RABUN: Bald Mtn Rd @ Valley John Ln, 0.3 mi S of NC line	18-May-00	JKA
<i>Plagodis kuetzingi</i>	RABUN: Bald Mtn Rd @ Valley John Ln, 0.3 mi S of NC line	18-May-00	JKA
<i>Caripeta divisata</i>	RABUN: Bald Mtn Rd @ Valley John Ln, 0.3 mi S of NC line	01-Sep-00	JKA
<i>Sicya macularia</i>	RABUN: Bald Mtn Rd @ Valley John Ln, 0.3 mi S of NC line	29-Jun-00	JKA
STATE RECORD			
<i>Idaea furciferata</i>	McIntosh: Kittles Island, vic. Meridian	01-Jun-97	JAH
<i>Cyclophora pendulinaria</i>	Rabun: Bald Mtn Rd @ Valley John Ln, 0.3 mi S of NC line	18-May-00	JKA
<i>Dysstroma truncata</i>	MURRAY: near summit of Grassy Mountain	13-Jun-99	BR
STATE RECORD			
<i>Hydriomena transfigurata</i>	McIntosh: Kittles Island, vic. Meridian	30-Mar-00	JAH
<i>Eupithecia miserulata</i>	McIntosh: Kittles Island, vic. Meridian	08-Oct-99	JAH
<i>Cladara anguilinea</i>	RABUN: Bald Mtn Rd @ Valley John Ln, 0.3 mi S of NC line	18-May-00	JKA
STATE RECORD			
<b>ARCTIIDAE</b>			
<i>Crambidia cephalica</i>	BARTOW: 5 mi. ESE of Fairmount, Salacoa Rd @ Salacoa Creek	08-Jul-00	JKA
<i>Cisthene plumbea</i>	McIntosh: Kittles Island, vic. Meridian	01-Jul-99	JAH
<i>Comachara cadburyi</i>	Gilmer: 8 mi. W of Ellijay, Gates Chapel Rd.	11-May-00	IF
<i>Comachara cadburyi</i>	Bartow: Red Top Mountain State Park, I-75 exit 285	12-May-00	JKA
<i>Holomelina laeta</i>	Bartow: 5 mi. ESE of Fairmount, Salacoa Rd @ Salacoa Creek	13-May-00	JKA
<i>Spilosoma latipennis</i>	WHITFIELD: Rocky Face Ridgeline, SW of Dalton, Co Rd 202	12-May-00	JKA
2nd record in state			
<i>Dahana atripennis</i>	McIntosh: Kittles Island, vic. Meridian	06-Jul-98	JAH
<i>Cisseps fulvicollis</i>	McIntosh: Kittles Island, vic. Meridian	28-Oct-00	JAH
<i>Cosmosoma myrodora</i>	McIntosh: Kittles Island, vic. Meridian	08-Sep-99	JAH
<i>Syntomeida ipomoeae</i>	McIntosh: Kittles Island, vic. Meridian	08-Oct-99	JAH
<i>Syntomeida epilais jucundissima</i>	McIntosh: Kittles Island, vic. Meridian	29-Oct-00	JAH
<b>LYMANTRIIDAE</b>			
<i>Dasychira plagiata</i>	RABUN: Dillard	01-Sep-00	JKA

## NOCTUIDAE

<i>Idia laurenti</i> uncommon in state	Rabun: Bald Mtn Rd @ Valley John Ln, 0.3 mi S of NC line	01-Sep-00	JKA
<i>Zanclognatha theralis</i>	Rabun: Dillard	29-Jun-00	JKA
<i>Lomanaltes eductalis</i>	FANNIN: Hothouse Creek, near Mineral Bluff	29-May-99	BR
<i>Ophiuche minualis</i>	GORDON: Calhoun area	01-Nov-00	JKA
<i>Anomis erosa</i>	McIntosh: Kittles Island, vic. Meridian	01-Nov-98	JAH
<i>Litoprosopus futilis</i>	McIntosh: Kittles Island, vic. Meridian	28-Jun-00	JAH
<i>Diphthera festiva</i>	McIntosh: Kittles Island, vic. Meridian	14-Oct-99	JAH
<i>Zale undularis</i>	McIntosh: Kittles Island, vic. Meridian	08-May-99	JAH
<i>Doryodes bistrialis</i>	McIntosh: Kittles Island, vic. Meridian	01-Apr-00 - 01-Nov-00	JAH
<i>Catocala epione</i>	McIntosh: Kittles Island, vic. Meridian	29-Jun-00	JAH
<i>Catocala muliercula</i>	WALKER: Taylor's Ridge	19-Jun-94	IF
<i>Catocala muliercula</i>	McIntosh: Kittles Island, vic. Meridian	29-Jun-00	JAH
<i>Catocala robinsoni</i> one form 'missouriensis'	Whitfield: Carbondale, I-75 exit 326, 8 mi. S of Dalton	29-Sep-00 - 04-Oct-00	JKA
<i>Catocala angusi</i>	Whitfield: Carbondale, I-75 exit 326, 8 mi. S of Dalton	25-Sep-00	JKA
<i>Catocala relecta</i>	RABUN: Bald Mtn Rd @ Valley John Ln, 0.3 mi S of NC line	01-Sep-00	JKA
<i>Catocala ulalume</i>	Fulton: Atlanta	18-Jul-96	IF
<i>Catocala maestosa</i>	McIntosh: Kittles Island, vic. Meridian	30-Oct-00	JAH
<i>Catocala cerogama</i> 2nd and 3rd records in state	Rabun: Bald Mtn Rd @ Valley John Ln, 0.3 mi S of NC line	01-Sep-00	JKA
<i>Catocala amatrix</i>	BARTOW: Red Top Mountain State Park, I-75 exit 285	30-Sep-00	IF
<i>Catocala coccinata</i>	McIntosh: Kittles Island, vic. Meridian	16-Jun-99	JAH
<i>Catocala blandula</i> 2nd record in state	RABUN: Bald Mtn Rd @ Valley John Ln, 0.3 mi S of NC line	29-Jun-00	JKA
<i>Pseudeva purpurigera</i> STATE RECORD	WHITFIELD: Rocky Face Ridgeline, SW of Dalton, Co Rd 202	26-May-00	JKA
<i>Thioptera nigrofimbria</i>	McIntosh: Kittles Island, vic. Meridian	08-May-00	JAH
<i>Argillophora furcilla</i>	LUMPKIN: Dahlonega/ Cane Creek area	08-Apr-00	JKA
<i>Argillophora furcilla</i>	Bartow: 5 mi. ESE of Fairmount, Salacoa Rd @ Salacoa Creek	26-Aug-00	JKA
<i>Bagisara rectifascia</i>	BARTOW: 5 mi. ESE of Fairmount, Salacoa Rd @ Salacoa Creek	29-Sep-00	JKA
<i>Acronicta funeralis</i>	DAWSON: Dawsonville	29-Jun-00	RCM
<i>Harrisimemna trisignata</i>	Fulton: Atlanta	28-Jun-98	BR
<i>Oligia mactata</i> STATE RECORD	BARTOW: 5 mi. ESE of Fairmount, Salacoa Rd @ Salacoa Creek	14-Oct-00 - 28-Oct-00	JKA
<i>Oligia illocata</i> STATE RECORD	RABUN: Dillard	24-Sep-00	JKA
<i>Oligia illocata</i> 2nd record in state	LUMPKIN: Dahlonega/ Cane Creek area	06-Oct-00	JKA
<i>Meropleon diversicolor</i>	WALKER: marker 34, Hwy 136	19-Sep-00	JKA
<i>Meropleon diversicolor</i>	GILMER: 8 mi. W of Ellijay, Gates Chapel Rd.	22-Sep-00	IF
<i>Parapamea buffaloensis</i>	BARTOW: 5 mi. ESE of Fairmount, Salacoa Rd @ Salacoa Creek	09-Sep-00 - 29-Sep-00	JKA
<i>Papaipema cataphracta</i>	BARTOW: 5 mi. ESE of Fairmount, Salacoa Rd @ Salacoa Creek	25-Oct-00	JKA
<i>Papaipema cataphracta</i>	LUMPKIN: Dahlonega/ Cane Creek area	28-Oct-00	BR
<i>Papaipema polymniae</i> very common	Bartow: 5 mi. ESE of Fairmount, Salacoa Rd @ Salacoa Creek	26-Aug-00 - 16-Oct-00	JKA
<i>Papaipema polymniae</i>	WALKER: marker 34, Hwy 136	19-Sep-00	JKA
<i>Papaipema polymniae</i>	GILMER: 8 mi. W of Ellijay, Gates Chapel Rd.	03-Oct-00	IF
<i>Papaipema polymniae</i>	LUMPKIN: Dahlonega/ Cane Creek area	06-Oct-00	JKA
<i>Papaipema furcata</i>	Bartow: 5 mi. ESE of Fairmount, Salacoa Rd @ Salacoa Creek	23-Sep-00 - 30-Sep-00	JKA
<i>Papaipema furcata</i>	Whitfield: Carbondale, I-75 exit 326, 8 mi. S of Dalton	25-Sep-00	JKA
<i>Papaipema necopina</i> STATE RECORD	LUMPKIN: Dahlonega/ Cane Creek area	28-Oct-00	IF
<i>Papaipema eupatorii</i>	BARTOW: 5 mi. ESE of Fairmount, Salacoa Rd @ Salacoa Creek	18-Oct-00 - 25-Oct-00	JKA
<i>Papaipema cerussata</i>	Bartow: 5 mi. ESE of Fairmount, Salacoa Rd @ Salacoa Creek	16-Sep-00 - 16-Oct-00	JKA
<i>Papaipema cerussata</i>	WALKER: marker 34, Hwy 136	19-Sep-00	JKA
<i>Papaipema cerussata</i>	LUMPKIN: Dahlonega/ Cane Creek area	06-Oct-00	JKA
<i>Papaipema nov sp</i> STATE RECORD; cane feeder	BARTOW: 5 mi. ESE of Fairmount, Salacoa Rd @ Salacoa Creek	18-Oct-00	JKA
<i>Properigea costa</i> STATE RECORD	WHITFIELD: Rocky Face Ridgeline, SW of Dalton, Co Rd 202	12-May-00 - 14-Aug-00	JKA
<i>Lithophane patefacta</i>	Whitfield: Carbondale, I-75 exit 326, 8 mi. S of Dalton	01-Nov-00	JKA
<i>Lithophane innominata</i> STATE RECORD	RABUN: Bald Mtn Rd @ Valley John Ln, 0.3 mi S of NC line	18-May-00	JKA
<i>Lithophane querquera</i>	Whitfield: Rocky Face Ridgeline, SW of Dalton, Co Rd 202	16-Oct-00	JKA
<i>Lithophane joannis</i> at bait; probable state record	GORDON: Calhoun	16-Dec-00	JKA

Pyreferra pettiti	BARTOW: 5 mi. ESE of Fairmount, Salacoa Rd @ Salacoa Creek	25-Oct-00	JKA
Metaxaglaea inulta few records in state	LUMPKIN: Dahlonge/ Cane Creek area	06-Oct-00	JKA
Metaxaglaea inulta few records in state	Gordon: Calhoun area	12-Oct-00 - 30-Oct-00	JKA
Chaetoglaea tremula STATE RECORD	WHITFIELD: Carbondale, I-75 exit 326, 8 mi. S of Dalton	19-Oct-00	JKA
Anathix ralla	FANNIN: Hothouse Creek, near Mineral Bluff	17-Oct-99	BR
Anathix ralla	RABUN: Dillard and Rabun Bald areas	01-Sep-00 - 16-Sep-00	JKA
Anathix ralla	WALKER: 10 mi. WNW of Resaca, Hwy. 136	19-Sep-00	JKA
Anathix ralla	WHITFIELD: Dalton area	25-Sep-00 - 02-Oct-00	JKA
Anathix ralla also collected at same site in 1998	GILMER: 8 mi. W of Ellijay, N of Hwy. 52	03-Oct-00	IF
Anathix ralla	LUMPKIN: Dahlonge area	06-Oct-00	JKA
Xylotype capax	Whitfield: Rocky Face Ridgeline, SW of Dalton, Co Rd 202	16-Oct-00 - 30-Oct-00	JKA
Sutyna privata	Whitfield: Carbondale, I-75 exit 326, 8 mi. S of Dalton	24-Sep-00	JKA
Feralia comstocki	Gilmer: 8 mi. W of Ellijay, Gates Chapel Rd.	19-Apr-00	F/R
Homohadena badistriga	WHITFIELD: Rocky Face Ridgeline, SW of Dalton, Co Rd 202	26-May-00	JKA
Orthosia revicta STATE RECORD	LUMPKIN: Dahlonge/ Cane Creek area	08-Apr-00	JKA
Morrisonia nov sp	Fulton: Atlanta	01-Apr-00	IF
Morrisonia nov sp	Rabun: Dillard	18-May-00	JKA
Morrisonia nov sp	Rabun: Bald Mtn Rd @ Valley John Ln, 0.3 mi S of NC line	18-May-00	JKA
Homorthodes furfurata STATE RECORD?	RABUN: Bald Mtn Rd @ Valley John Ln, 0.3 mi S of NC line	29-Jun-00	JKA
Ulolonche modesta STATE RECORD	WHITFIELD: Carbondale, I-75 exit 326, 8 mi. S of Dalton	29-Mar-00	JKA
Pseudohermonassa bicarnea	RABUN: Dillard	01-Sep-00	JKA
Xestia normaniana STATE RECORD	RABUN: Dillard	01-Sep-00	JKA
Xestia normaniana	Lumpkin: Dahlonge/ Cane Creek area	22-Sep-00	IF
Xestia normaniana	Lumpkin: Dahlonge/ Cane Creek area	06-Oct-00	JKA
Xestia smithii STATE RECORD	RABUN: Dillard	01-Sep-00	JKA
Xestia praevia STATE RECORD	RABUN: Dillard	01-Sep-00	JKA
Eueretrotis attentata STATE RECORD	RABUN: Bald Mtn Rd @ Valley John Ln, 0.3 mi S of NC line	29-Jun-00	JKA
Noctua pronuba 2nd and 3rd records in state	Gordon: Calhoun area	08-Sep-00 - 14-Sep-00	JKA
Abagrotis magnicipida	Whitfield: Rocky Face Ridgeline, SW of Dalton, Co Rd 202	02-Oct-00	JKA
Abagrotis magnicipida	GORDON: Calhoun area	03-Oct-00	JKA
Pyrrhia exprimens	FANNIN: Hothouse Creek, near Mineral Bluff	29-May-99	BR
Pyrrhia exprimens	Rabun: Lake Burton Rec. Area	22-May-00	BR
Schinia bina	Bartow: 5 mi. ESE of Fairmount, Salacoa Rd @ Salacoa Creek	26-Aug-00	JKA
Schinia bina	McIntosh: Kittles Island, vic. Meridian	20-Oct-00	JAH
Schinia saturata	McIntosh: Kittles Island, vic. Meridian	14-Oct-99	JAH
Symmerista canicosta	RABUN: Bald Mtn Rd @ Valley John Ln, 0.3 mi S of NC line	29-Jun-00	JKA

## MISSISSIPPI

### Butterflies

#### HESPERIIDAE

Erynnis funeralis	Jackson: 6 mi. NE of Moss Point	30-Sep-99	RLP
Problema byssus	CHICKASAW: 9 mi. NNE of Houston	07-Jun-00	RLP
Euphyes berryi STATE RECORD	Jackson: 6 mi. NE of Moss Point	05-Oct-99	RLP

#### PIERIDAE

Eurema nicippe	HANCOCK: SR 43/603, 0.5 mi. S of Exit 13, I-10	03-Aug-00	RES
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#### LYCAENIDAE

Satyrium titus mopsus	CHICKASAW: 9 mi. NNE of Houston	07-Jun-00	RLP
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#### NYMPHALIDAE

Euphydryas phaeton ozarkae	CHICKASAW: 10 mi. NNE of Houston	13-May-00	RLP
Satyroides appalachia	MADISON: 8 mi. E of Canton	10-Jul-99	RLP

# NORTH CAROLINA

## Butterflies

### HESPERIIDAE

Epargyreus clarus oviposited on Robinia pseudoacacia	Forsyth: Historic Bethabara Park, N. of Winston-Salem	30-Jul-00	D/K
Urbanus proteus	Macon: Highlands area	23-Sep-00	JKA
Erynnis baptisiae	MONTGOMERY: SR 109 near Wadeville	31-Jul-00	RES
Nastra lherminier nectaring at Trifolium repens and	Forsyth: Historic Bethabara Park, N. of Winston-Salem Vernonia sp. Oviposited on Andropogon gerardii	30-Jul-00	D/K
Lerema accius	RUTHERFORD: US 74A at Chimney Rock Village	26-Jul-00	RES
Lerema accius	SURRY: US 52 at Pilot Mtn SP exit; Pilot Mtn SP	30-Jul-00	RES
Lerema accius	STOKES: US 52 rest stop at Pinnacle	30-Jul-00	RES
Hylephila phyleus	SWAIN: W. Cherokee, jct. US 441/ US 19	25-Jul-00	RES
Hylephila phyleus	HAYWOOD: Maggie Valley, US 19, 4 mi. E of Soco Gap	25-Jul-00	RES
Hylephila phyleus	ANSON: SR 742, 5 mi. S of Wadesboro	31-Jul-00	RES
Hesperia sassacus	Macon: Highlands area	13-May-00	JKA
Polites themistocles	HAYWOOD: Maggie Valley, US 19, 4 mi. E of Soco Gap	25-Jul-00	RES
Polites themistocles	SWAIN: W. Cherokee, jct. US 441/ US 19	25-Jul-00	RES
Poanes zabulon nectaring at Prunella vulgaris and	Forsyth: Historic Bethabara Park, N. of Winston-Salem Trifolium pratense	30-Jul-00	D/K
Amblyscirtes aesculapius	FORSYTH: photographic field trip at Lep Soc meeting	26-Jul-00	RES
Amblyscirtes aesculapius nectaring at Prunella vulgaris along shaded edge of lane	Forsyth: Historic Bethabara Park, N. of Winston-Salem	30-Jul-00	D/K

### PAPILIONIDAE

Battus philenor	JACKSON: US 19, 0.5 mi. W of Soco Gap	25-Jul-00	RES
Papilio glaucus	DAVIE: I-40 eastbound rest area N of Mocksville	26-Jul-00	RES
Papilio troilus	ANSON: SR 742, 5 mi. S of Wadesboro	31-Jul-00	RES

### LYCAENIDAE

Feniseca tarquinius along shaded stream	Forsyth: Historic Bethabara Park, N. of Winston-Salem	30-Jul-00	D/K
Calycopis cecrops along shaded lanes	Forsyth: Historic Bethabara Park, N. of Winston-Salem	30-Jul-00	D/K

### NYMPHALIDAE

Agraulis vanillae large field of orange mildweed in bloom	BURKE: US 64, 10 mi. SW of Morganton	26-Jul-00	RES
Vanessa virginiensis	JACKSON: US 19, 0.5 mi. W of Soco Gap	25-Jul-00	RES
Vanessa atalanta	SURRY: US 52 at Pilot Mtn SP exit; Pilot Mtn SP	30-Jul-00	RES
Junonia coenia	BURKE: US 64, 10 mi. SW of Morganton	26-Jul-00	RES
Euptoieta claudia	HENDERSON: SR 9 at Bat Cave	26-Jul-00	RES
Speyeria diana	Macon: Highlands area	21-Jul-00 - 14-Aug-00	JKA
Speyeria aphrodite late record	Macon: Highlands area	23-Sep-00	JKA
Hermeuptychia sosybius	SURRY: US 52 at Pilot Mtn SP exit; Pilot Mtn SP	30-Jul-00	RES
Hermeuptychia sosybius patrolling semishaded ecotone	Forsyth: Historic Bethabara Park, N. of Winston-Salem	30-Jul-00	D/K

## Moths

### TINEIDAE

Amydria brevipennella	Forsyth: Wake Forest Univ.	27-Jul-00	RHL
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### OECOPHORIDAE

Agonopterix atrodorsella	Transylvania: Mt. Pisgah, 5000 ft.	24-Jul-00	RHL
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### PYRALIDAE

Aethiophysa consimilis	Forsyth: Wake Forest Univ.	27-Jul-00	RHL
Lipocosmodes fuliginosalis	Forsyth: Wake Forest Univ.	27-Jul-00	RHL
Microcrambus minor	Forsyth: Wake Forest Univ.	27-Jul-00	RHL
Euzophera magnolialis	Forsyth: Wake Forest Univ.	27-Jul-00	RHL

### GEOMETRIDAE

Lomographa semiclarata	Macon: Highlands area	13-May-00	JKA
Euchlaena serrata	Macon: Highlands area	01-Jul-00	JKA
Ceratomyx satanaria	Macon: Highlands area	08-Mar-00	JKA
Gueneria similaria	Macon: Highlands area	28-Jul-00	JKA
Cepphis decoloraria	Macon: Highlands area	01-Jul-00	JKA
Plagodis serinaria	Macon: Highlands area	13-May-00	JKA
Plagodis kuetzingi	Macon: Highlands area	13-May-00 - 13-Aug-00	JKA
Caripeta divisata	Macon: Highlands area	04-Sep-00	JKA
Caripeta angustiorata	Macon: Highlands area	04-Sep-00	JKA



<i>Anticlea vasilata</i>	Macon: Highlands area	02-Apr-00 - 23-Apr-00	JKA
<i>Xanthorhoe labradorensis</i>	Macon: Highlands area	23-Sep-00	JKA
<b>SATURNIIDAE</b>			
<i>Hyalophora cecropia</i>	Macon: Highlands area	13-May-00	JKA
<b>SPHINGIDAE</b>			
<i>Paonias astylus</i>	Macon: Highlands area	21-Jul-00	JKA
<i>Darapsa versicolor</i>	Macon: Highlands area	01-Jul-00	JKA
<b>ARCTIIDAE</b>			
<i>Spilosoma latipennis</i>	Macon: Highlands area	13-May-00	JKA
<b>NOCTUIDAE</b>			
<i>Zale squamularis</i>	Macon: Highlands area	05-Jun-00	JKA
<i>Zale duplicata</i>	Macon: Highlands area	23-Apr-00	JKA
<i>Catocala flebilis</i>	McDowell: Black Mountain	25-Jul-00	RHL
<i>Catocala sappho</i>	Macon: Highlands area	03-Sep-00 - 14-Oct-00	JKA
<i>Catocala cerogama</i>	Macon: Highlands area	03-Sep-00 - 14-Oct-00	JKA
<i>Catocala marmorata</i>	McDowell: Black Mountain	25-Jul-00	RHL
<i>Catocala praeclara</i>	Macon: Highlands area	21-Jul-00	JKA
<i>Syngrapha rectangula</i>	Macon: Highlands area	01-Jul-00 - 13-Aug-00	JKA
<i>Lithacodia bellicula</i>	Macon: Highlands area	05-Jun-00	JKA
<i>Merolonche dolli</i>	Macon: Highlands area	08-Mar-00	JKA
<i>Apamea mixta</i>	Macon: Highlands area	21-Jul-00	JKA
<i>Apamea sordens</i>	Macon: Highlands area	13-May-00	JKA
<i>Apamea dubitans</i>	Macon: Highlands area	08-Aug-00 - 23-Sep-00	JKA
<i>Apamea helva</i>	Macon: Highlands area	08-Aug-00 - 23-Sep-00	JKA
<i>Oligia fractilinea</i>	Macon: Highlands area	23-Sep-00	JKA
<i>Oligia crytora</i>	Macon: Highlands area	05-Jun-00	JKA
<i>Oligia semicana</i>	Macon: Highlands area	05-Jun-00	JKA
<i>Oligia illocata</i>	Macon: Highlands area	03-Sep-00 - 14-Oct-00	JKA
most common moth			
<i>Papaipema lysimachiae</i>	Macon: Highlands area	23-Sep-00	JKA
<i>Papaipema marginidens</i>	Macon: Highlands area	23-Sep-00	JKA
<i>Papaipema necopina</i>	Macon: Highlands area	14-Oct-00	JKA
<i>Elaphria cornutinus</i>	Macon: Highlands area	21-Jul-00 - 23-Sep-00	JKA
<i>Lithophane bethunei</i>	Macon: Highlands area	08-Mar-00	JKA
<i>Lithophane innominata</i>	Macon: Highlands area	02-Apr-00 - 23-Apr-00	JKA
<i>Lithophane innominata</i>	Macon: Highlands area	14-Oct-00	JKA
<i>Lithophane petulca</i>	Macon: Highlands area	14-Oct-00	JKA
<i>Lithophane hemina</i>	Macon: Highlands area	02-Apr-00	JKA
<i>Lithophane hemina</i>	Macon: Highlands area	14-Oct-00	JKA
<i>Lithophane baileyi</i>	Macon: Highlands area	08-Mar-00 - 02-Apr-00	JKA
<i>Lithophane baileyi</i>	Macon: Highlands area	14-Oct-00	JKA
<i>Lithophane querquera</i>	Macon: Highlands area	08-Mar-00	JKA
<i>Lithophane antennata</i>	Macon: Highlands area	08-Mar-00	JKA
<i>Lithophane grotei</i>	Macon: Highlands area	08-Mar-00	JKA
<i>Pyreferra hesperidago</i>	Macon: Highlands area	08-Mar-00	JKA
<i>Pyreferra citrombra</i>	Macon: Highlands area	08-Mar-00 - 02-Apr-00	JKA
<i>Pyreferra citrombra</i>	Macon: Highlands area	14-Oct-00	JKA
<i>Eupsilia vinulenta</i>	Macon: Highlands area	14-Oct-00	JKA
<i>Eupsilia cirripalea</i>	Macon: Highlands area	08-Mar-00	JKA
<i>Eupsilia tristigmata</i>	Macon: Highlands area	08-Mar-00	JKA
<i>Eupsilia morrisoni</i>	Macon: Highlands area	08-Mar-00 - 02-Apr-00	JKA
<i>Eupsilia morrisoni</i>	Macon: Highlands area	14-Oct-00	JKA
<i>Xylotype capax</i>	Macon: Highlands area	14-Oct-00	JKA
<i>Feralia jocosa</i>	Macon: Highlands area	08-Mar-00	JKA
abundant			
<i>Spiramater lutra</i>	Macon: Highlands area	13-May-00	JKA
<i>Lacinipolia lorea</i>	Macon: Highlands area	13-May-00 - 05-Jun-00	JKA
<i>Orthosia revicta</i>	Macon: Highlands area	08-Mar-00 - 23-Apr-00	JKA
<i>Trichosilia manifesta</i>	Macon: Highlands area	23-Apr-00	JKA
<i>Trichosilia geniculata</i>	Macon: Highlands area	03-Sep-00 - 23-Sep-00	JKA
<i>Xestia praevia</i>	Macon: Highlands area	28-Sep-00	JKA
<i>Cerastis tenebrifera</i>	Macon: Highlands area	02-Apr-00	JKA
<i>Cerastis fishii</i>	Macon: Highlands area	02-Apr-00	JKA
<i>Noctua pronuba</i>	Macon: Highlands area	21-Jul-00	JKA
<i>Pyrrhia exprimens</i>	Macon: Highlands area	15-Jul-00	JKA
<i>Schinia arcigera</i>	Macon: Highlands area	03-Sep-00 - 23-Sep-00	JKA

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## SOUTH CAROLINA

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### Butterflies

#### HESPERIIDAE

<i>Erynnis horatius</i>	CHESTERFIELD: Chesterfield City Park	31-Jul-00	RES
<i>Ancyloxypha numitor</i>	CHESTERFIELD: Chesterfield City Park	31-Jul-00	RES
<i>Hylephila phyleus</i>	DARLINGTON: US 52, 1 mi. S of Dovesville	31-Jul-00	RES
<i>Polites vibex</i>	MARLBORO: Wallace rest area, SR 9	31-Jul-00	RES
<i>Atalopedes campestris</i>	CHESTERFIELD: Chesterfield City Park	31-Jul-00	RES
<i>Problema byssus</i>	Berkeley: Moncks Corner	28-May-00	RWB
immatures on both <i>Erianthus</i> and <i>Tripsacum dactyloides</i>			
<i>Poanes zabulon</i>	CHESTERFIELD: Chesterfield City Park	31-Jul-00	RES

#### PIERIDAE

<i>Eurema nicippe</i>	DARLINGTON: US 52, 1 mi. S of Dovesville	31-Jul-00	RES
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#### LYCAENIDAE

<i>Everes comyntas</i>	MARLBORO: Wallace rest area, SR 9	31-Jul-00	RES
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#### NYMPHALIDAE

<i>Hermeuptychia sosybius</i>	CHESTERFIELD: Chesterfield City Park	31-Jul-00	RES
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## TENNESSEE

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### Butterflies

#### HESPERIIDAE

<i>Thorybes pylades</i>	HENDERSON: I-40 exit to Natchez Trace SP	24-Jul-00	RES
<i>Atalopedes campestris</i>	BENTON: 3 mi. NW of exit 133 from I-40	24-Jul-00	RES
<i>Atalopedes campestris</i>	HENDERSON: I-40 exit to Natchez Trace SP	24-Jul-00	RES
<i>Atalopedes campestris</i>	DICKSON: I-40, eastbound rest area	24-Jul-00	RES

#### PAPILIONIDAE

<i>Battus philenor</i>	HENDERSON: I-40 exit to Natchez Trace SP	24-Jul-00	RES
<i>Battus philenor</i>	DICKSON: I-40, eastbound rest area	24-Jul-00	RES
<i>Battus philenor</i>	BENTON: 3 mi. NW of exit 133 from I-40	24-Jul-00	RES
<i>Papilio glaucus</i>	DICKSON: I-40, eastbound rest area	24-Jul-00	RES
<i>Papilio glaucus</i>	BENTON: 3 mi. NW of exit 133 from I-40	24-Jul-00	RES
<i>Papilio glaucus</i>	HENDERSON: I-40 exit to Natchez Trace SP	24-Jul-00	RES
<i>Papilio glaucus</i>	MADISON: I-40, eastbound rest area	24-Jul-00	RES
<i>Papilio troilus</i>	BENTON: 3 mi. NW of exit 133 from I-40	24-Jul-00	RES
<i>Papilio troilus</i>	HENDERSON: I-40 exit to Natchez Trace SP	24-Jul-00	RES
<i>Papilio troilus</i>	DICKSON: I-40, eastbound rest area	24-Jul-00	RES

#### PIERIDAE

<i>Phoebis sennae eubule</i>	MADISON: I-40, eastbound rest area	24-Jul-00	RES
<i>Phoebis sennae eubule</i>	HENDERSON: I-40 exit to Natchez Trace SP	24-Jul-00	RES
<i>Phoebis sennae eubule</i>	BENTON: 3 mi. NW of exit 133 from I-40	24-Jul-00	RES
<i>Eurema nicippe</i>	BENTON: 3 mi. NW of exit 133 from I-40	24-Jul-00	RES
<i>Eurema nicippe</i>	DICKSON: I-40, eastbound rest area	24-Jul-00	RES

#### LYCAENIDAE

<i>Calycopis cecropis</i>	BENTON: 3 mi. NW of exit 133 from I-40	24-Jul-00	RES
<i>Strymon melinus</i>	DICKSON: I-40, eastbound rest area	24-Jul-00	RES
<i>Strymon melinus</i>	MADISON: I-40, eastbound rest area	24-Jul-00	RES
<i>Strymon melinus</i>	HENDERSON: I-40 exit to Natchez Trace SP	24-Jul-00	RES
<i>Strymon melinus</i>	BENTON: 3 mi. NW of exit 133 from I-40	24-Jul-00	RES
<i>Everes comyntas</i>	BENTON: 3 mi. NW of exit 133 from I-40	24-Jul-00	RES
<i>Everes comyntas</i>	MADISON: I-40, eastbound rest area	24-Jul-00	RES
<i>Everes comyntas</i>	HENDERSON: I-40 exit to Natchez Trace SP	24-Jul-00	RES
<i>Everes comyntas</i>	DICKSON: I-40, eastbound rest area	24-Jul-00	RES
<i>Celastrina neglecta</i>	BENTON: 3 mi. NW of exit 133 from I-40	24-Jul-00	RES

#### NYMPHALIDAE

<i>Agraulis vanillae</i>	BENTON: 3 mi. NW of exit 133 from I-40	24-Jul-00	RES
<i>Vanessa virginiensis</i>	DICKSON: I-40, eastbound rest area	24-Jul-00	RES
<i>Vanessa virginiensis</i>	BENTON: 3 mi. NW of exit 133 from I-40	24-Jul-00	RES
<i>Vanessa virginiensis</i>	HENDERSON: I-40 exit to Natchez Trace SP	24-Jul-00	RES
<i>Junonia coenia</i>	DICKSON: I-40, eastbound rest area	24-Jul-00	RES
<i>Junonia coenia</i>	BENTON: 3 mi. NW of exit 133 from I-40	24-Jul-00	RES
<i>Junonia coenia</i>	HENDERSON: I-40 exit to Natchez Trace SP	24-Jul-00	RES
<i>Junonia coenia</i>	MADISON: I-40, eastbound rest area	24-Jul-00	RES
<i>Euptoieta claudia</i>	BENTON: 3 mi. NW of exit 133 from I-40	24-Jul-00	RES
<i>Euptoieta claudia</i>	MADISON: I-40, eastbound rest area	24-Jul-00	RES

Phyciodes tharos	BENTON: 3 mi. NW of exit 133 from I-40	24-Jul-00	RES
Phyciodes tharos	HENDERSON: I-40 exit to Natchez Trace SP	24-Jul-00	RES
Chlosyne nycteis	BENTON: 3 mi. NW of exit 133 from I-40	24-Jul-00	RES
Cyllopsis gemma	HENDERSON: I-40 exit to Natchez Trace SP	24-Jul-00	RES
Cercyonis pegala	DICKSON: I-40, eastbound rest area	24-Jul-00	RES
Cercyonis pegala	HENDERSON: I-40 exit to Natchez Trace SP	24-Jul-00	RES
Cercyonis pegala	BENTON: 3 mi. NW of exit 133 from I-40	24-Jul-00	RES

**Moths**

**PYRALIDAE**

Petrophila fulicalis	Davidson: Nashville	20-Jul-00	RHL
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**GEOMETRIDAE**

Eusarca packardaria	Davidson: Nashville	20-Jul-00	RHL
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**NOCTUIDAE**

Acontia abdominalis	Davidson: Nashville	20-Jul-00	RHL
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**VIRGINIA**

**Butterflies**

**HESPERIIDAE**

Epargyreus clarus	Sussex: powerline wet meadow near Waverly	12-May-00	AG
Epargyreus clarus	Prince George: Rt. 460 near I-95	12-May-00	AG
Urbanus proteus	Fairfax:	04-Oct-00	GOK
nectaring on white Buddleia			
Poanes yehl	Suffolk: Suffolk	15-Aug-00	RWB
confined females oviposited on Arundinaria tecta; reared to diapausing larvae			

**PAPILIONIDAE**

Papilio glaucus	Isle of Wight: Mill Creek Rd, 1 mi from Yellow Hammer Rd, WInd	12-May-00	AG
Papilio troilus	Sussex: wet spot along Rt. 460 near Waverly	12-May-00	AG
Papilio troilus	Cumberland: Farmville	14-May-00	AG
Eurytides marcellus	Henricus: Henricus Pk., Aiken Swamp, Dutch Gap	14-May-00	LKG

**PIERIDAE**

Colias eurytheme	Sussex: Rt. 460 near Waverly	12-May-00	AG
Colias eurytheme	Charles City: Shirley Plantation	13-May-00	AG

**LYCAENIDAE**

Calycopis cecrops	Prince George: Rt. 460/I-93	12-May-00	AG
Calycopis cecrops	Sussex: Rt. 460 near Waverly	12-May-00	AG
Celastrina ladon	Charles City: Shirley Plantation	13-May-00	AG
Celastrina neglecta	Suffolk: Suffolk	15-Aug-00	RWB
confined females oviposited on Aralia spinosa flowers and buds; reared to adults and diapausing pupae			

**NYMPHALIDAE**

Polygonia comma	Suffolk: Washington Ditch Rd., Dismal Swamp NWR	12-May-00	AG
Polygonia comma	Henricus: Henricus Pk., Aiken Swamp, Dutch Gap	14-May-00	AG
Vanessa virginiensis	Isle of Wight: Mill Creek Rd @Yellow Hammer Rd, WIndsor	12-May-00	AG
Euptoieta claudia	Charles City: Shirley Plantation	13-May-00	AG
Euptoieta claudia	Henricus: Maymond Park, Richmond	13-May-00	AG
Phyciodes tharos	Prince George: Rt. 460/I-93	12-May-00	AG
Phyciodes tharos	Charles City: Shirley Plantation	13-May-00	AG
Limenitis archippus	Sussex: wet meadow at powerline off Rt. 460 near Waverly	12-May-00	AG
Enodia portlandia	Suffolk: Washington Ditch Trail, Dismal Swamp NWR	12-May-00	AG
Hermeuptychia sosybius	Isle of Wight: Mill Creek Rd, 1 mi from Yellow Hammer Rd, WInd	12-May-00	AG
Hermeuptychia sosybius	Suffolk: Washington Ditch Trail, Dismal Swamp NWR	12-May-00	AG

**Zone 10 Northeast**

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

**Coordinator:** Mark J. Mello

**Contributors Cited:**

RWB : Richard W. Boscoe  
 RD : Robert Dirig  
 MGD : Mark Garland  
 GM : Gerald M. McWilliams  
 RFR : Robert F. Ringler

RC : Richard Cheicante  
 D/K : Robert Dirig & Akito Kawahara  
 AG : Alex Girkovich  
 MJM : Mark J. Mello  
 DKS : Donald K. Simonds

PCR : Patty Craig  
 KG : Karl Gardner  
 EMH : E. Michael Holy  
 ER : Eric Raun  
 RHS : Richard H. Smith

## NEW BRUNSWICK

### Butterflies

#### LYCAENIDAE

Everes amyntula confined females oviposited on Trifolium hybridum flowerheads, reared to 2nd instar diapausing larvae	Restigouche: Ramsey Brook	18-Jul-00	RWB
Glaucopsyche lygdamus females observed ovipositing on Vicea cracca	Restigouche: Ramsey Brook	18-Jul-00	RWB
Plebejus saepiolus confined females oviposited on Vicea cracca, reared to mature diapausing larvae	Restigouche: Ramsey Brook	18-Jul-00	RWB

## MAINE

### Butterflies

#### HESPERIIDAE

Thymelicus lineola nectaring at Vicea cracca & Leucanthemum vulgare	Penobscot: Orono, Rt. I-95 off Exit 41	05-Jul-00	RD
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#### NYMPHALIDAE

Satyroides eurydice historical record	Somerset: Weld	16-Jul-80	AG
Oeneis polixenes katahdin 3-4 flushed from tundra vegetation 12:30 - 1:30 P.M.	Piscataquis: Mt. Katahdin tableland	07-Jul-00	RD

## MARYLAND

### Butterflies

#### HESPERIIDAE

Urbanus proteus	Kent: Eastern Neck NWR	20-Sep-98	RHS
Staphylus hayhurstii	Kent: Eastern Neck NWR	28-Aug-99	RHS
Pyrgus centaureae wyandot nectaring at Viola pedata, 1:15 P.M.	Allegany: Little Pine Lick Hollow near Flintstone	04-May-00	RD
Lerema accius early record for emigrating species	Montgomery: Silver Spring	04-Jul-00	ER
Lerema accius	Talbot: Trappe, along Choptank River	10-Sep-00	MGD
Lerema accius large number; between 50-100 observed	St. Marys: Point Lookout	17-Sep-00	RHS
Hylephila phyleus	Kent: Eastern Neck NWR	20-Sep-98	RHS
Hylephila phyleus	Harford: Bel Air	22-Aug-00	RC
Polites mystic	Garrett: Cranesville Swamp	03-Jun-00 - 04-Jun-00	MGD
Anatrytone logan	Kent: Eastern Neck NWR	21-Aug-98	RHS
Amblyscirtes hegon leg. Bob Robbins; one each day	Montgomery: Great Falls	06-May-00 - 14-May-00	RHS

#### PAPILIONIDAE

Papilio palamedes leg. Marshall Iliff	St. Marys: Point Lookout	10-Sep-00	RHS
Eurytides marcellus leg. Henrietta Wood	Caroline: Hillsboro	23-Jun-00	RHS

#### PIERIDAE

Pontia protodice leg. Hal Wierenga and Pamela Stephen; independent observations; spring form vernalis	Anne Arundel: Fort Smallwood Park & Patuxent River Park	14-Mar-00 - 25-Mar-00	RHS
Pontia protodice	Somerset: Westover	09-Jul-00	RHS
Pontia protodice leg. Marshall Iliff	Worcester: Assateague Island State Park	08-Oct-00	RHS
Euchloe olympia nectaring at Oxalis sp., Alliaria petiolata, Potentilla canadensis, Claytonia virginica	Allegany: Williams Road, near Flintstone	04-May-00	RD
Colias philodice very early date	Montgomery: Kensington	02-Jan-00	ER
Colias philodice leg. Gail Mackierman; very early date	Frederick: Sugarloaf Mountain	02-Jan-00	RHS
Colias eurytheme very early date	St. Marys: California	02-Jan-00	PCR
Phoebis sennae very early date (early emergence or overwintering adults ??)	St. Marys: Dameron	03-Jan-00	PCR
Phoebis sennae very early date (early emergence or overwintering adults ??)	Wcomico: Bivalve	03-Jan-00	RFR
Phoebis sennae leg. Tom Harden; very early date (early emergence or overwintering adults ??)	Calvert: Cove Point	03-Jan-00	RHS

Eurema nicippe overwintering record north of Baltimore	Baltimore: Soldier's Delight Natural Environmental Area	30-Apr-00	RFR
<b>LYCAENIDAE</b>			
Atlides halesus	St. Marys: Dameron	24-Jul-00	PCR
Calycopis cecrops	Harford: Bel Air	14-Aug-99	RC
Calycopis cecrops	Allegany: Old Town	22-Sep-00	RHS
Parrhasius m-album one at each location	Harford: Aberdeen; Edgewood	10-Sep-00	RC
Glaucopsyche lygdamus nectaring at Vivia caroliniana, Viola pedata, Allaria petiolata	Allegany: Flintstone, Williams Rd @ Little Pine Lick Hollow	04-May-00 - 05-May-00	RD
Glaucopsyche lygdamus nectaring at Vivia caroliniana, Viola pedata, Allaria petiolata	Allegany: Flintstone, Williams Rd @ Little Pine Lick Hollow	04-May-00 - 05-May-00	RD
<b>NYMPHALIDAE</b>			
Speyeria atlantis leg. Dave Czaplak and Denise Gibbs; independent observations	Garrett: Herrington Manor State Park	10-Jun-00 - 11-Jul-00	RHS
Chlosyne harrisii leg. Mark Garland and Dave Czaplak	Garrett: Finzel Swamp	03-Jun-00 - 11-Jun-00	RHS
Asterocampa clyton	Talbot: Trappe, along Choptank River	10-Sep-00	MGD
Enodia anthedon leg. Nancy Magnusson; second location in Baltimore Co.. 1st was Soldier's Delight	Baltimore: Woodstock	31-May-99	RHS
Hermeuptychia sosybius about a dozen on 9/9	Charles: Doncaster State Forest	02-Sep-00 - 09-Sep-00	RHS

## MASSACHUSETTS

### Butterflies

#### PAPILIONIDAE

Papilio cressphontes sight observation but observer familiar with the species	Middlesex: Saugus	22-Jul-90	AG
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#### LYCAENIDAE

Parrhasius m-album leg. Chris Bowe	Essex: North Andover	30-Sep-00	RHS
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#### NYMPHALIDAE

Euptoieta claudia	Worcester: Wachusett Mountain ski trail	30-Jul-00	AG
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### Moths

#### MIMALLONIDAE

Cicinnus melsheimeri 11 in UV light trap scattered throughout period	Nantucket: Nantucket, near airport	27-Jun-00 - 06-Jul-00	MJM
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#### SATURNIIDAE

Anisota stigma 121 individuals in UV light trap through the period	Nantucket: Nantucket, near airport	14-Jun-00 - 08-Aug-00	MJM
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#### SPHINGIDAE

Xylophanes tersa one in UV light trap	Nantucket: Nantucket, near airport	01-Jun-00	MJM
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#### NOCTUIDAE

Ptichodis bistrigata six in UV light trap, five within May 31 and June 1 dates	Nantucket: Nantucket, near airport	31-May-00 - 27-Jun-00	MJM
Bagisara rectifascia 10 in UV light trap through the period	Nantucket: Nantucket, near airport	27-Jun-00 - 03-Aug-00	MJM

## NEW HAMPSHIRE

### Butterflies

#### HESPERIIDAE

Carterocephalus palaemon confined females oviposited on Calamagrotis canadensis, reared to diapausing mature larvae	Coos: Wentworth	24-Jun-00	RWB
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#### NYMPHALIDAE

Boloria titania montinus windy, 60 degrees F., one specimen	Coos: Mount Washington; 4'500 ft.	08-Aug-00	AG
Oeneis melissa semidea abundant, flushing from sedge patches (Carex bigelowii)	Coos: Mt. Washington summit	04-Jul-00	RD

### Moths

#### ARCTIIDAE

Grammia phyllira one each day in UV light trap	Merrimack: Concord, Army National Guard property nr airport	03-Aug-00 - 10-Aug-00	MJM
Grammia phyllira one each day in UV light trap	Merrimack: Concord, Army National Guard property nr airport	03-Aug-00 - 10-Aug-00	MJM

**NOCTUIDAE**

Caradrina meralis 25 in UV light trap	Merrimack: Concord, powerlines crossing Pembroke Rd.	31-Aug-00	MJM
Euxoa mimallonis two in UV light trap	Merrimack: Concord, powerlines crossing Pembroke Rd.	31-Aug-00	MJM
Schinia spinosae two in UV light trap	Merrimack: Concord, Army National Guard property nr airport	31-Aug-00	MJM
Schinia spinosae two in UV light trap	Merrimack: Concord, Army National Guard property nr airport	31-Aug-00	MJM
Schinia septentrionalis one in UV light trap	Merrimack: Concord, Army National Guard property nr airport	31-Aug-00	MJM
Schinia septentrionalis one in UV light trap	Merrimack: Concord, Army National Guard property nr airport	31-Aug-00	MJM

**NEW JERSEY****Butterflies****HESPERIIDAE**

Staphylus hayhurstii in shady spots	Cape May: Higbee Beach	28-Aug-00	RD
Pyrgus communis in butterfly garden	Cape May: Goshen, Cape May Bird Observatory	14-Oct-00	RD
Hylephila phyleus	Cape May: Higbee Beach	13-Oct-00	RD
Atalopedes campestris in butterfly garden	Cape May: Goshen, Cape May Bird Observatory	14-Oct-00	RD
Poanes zabulon male and female	Cape May: Higbee Beach	28-Aug-00	RD
Poanes aaroni worn, nectaring at Erechites hieracifolia & Limonium carolinianum	Atlantic: E.B. Forsythe NWR, north of Atlantic City	27-Aug-00 - 28-Aug-00	RD
Panoquina panoquin one nectaring at Erechites hieracifolia	Atlantic: E.B. Forsythe NWR, north of Atlantic City	28-Aug-00	RD

**PIERIDAE**

Colias eurytheme abundant migrants passing south along dunes	Cape May: Cape May Point & State Park	13-Oct-00	RD
Phoebis sennae male in butterfly garden	Cape May: Goshen, Cape May Bird Observatory	14-Oct-00	RD

**LYCAENIDAE**

Calycopis cecrops under Rhus aromatica, fresh	Atlantic: E.B. Forsythe NWR, north of Atlantic City	27-Aug-00 - 28-Aug-00	RD
Callophrys grynea nectaring at Prunus maritima, frequent, fresh condition	Monmouth: Sandy Hook	06-May-00	RD
Callophrys hesseli nectaring at Leiophyllum buxifolium in pine barrens- 3:30-5 P.M.	Burlington: near Chatsworth	06-May-00	RD
Callophrys polios abundant over mats of Arctostaphylos uva-ursi	Ocean: Warren Grove	06-May-00	RD
Callophrys henrici nectaring at Prunus maritima, associated with Ilex opaca	Monmouth: Sandy Hook	06-May-00	RD

**NYMPHALIDAE**

Libytheana bachmanii two near parking lot	Cape May: Higbee Beach	28-Aug-00	RD
Libytheana bachmanii one migrant on dunes keeping inside shrubbery	Cape May: Cape May Point State Park	13-Oct-00	RD
Polygonia interrogationis several, one puddling in the swash zone of the waves	Cape May: Cape May Point dunes	13-Oct-00	RD
Vanessa cardui several migrants in butterfly garden	Cape May: Goshen, Cape May Bird Observatory	14-Oct-00	RD
Euptoieta claudia two in old fields nectaring at Aster pilosus and Euthania graminifolia	Cape May: Higbee Beach	13-Oct-00	RD

**Moths****SATURNIIDAE**

Eacles imperialis at mercury vapor lamp	Warren: Harmony Twp.	23-Jul-00	DKS
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**SPHINGIDAE**

Dolba hylaeus at mercury vapor lamp	Warren: Harmony Twp.	17-Jul-00	DKS
Ceratonia amyntor at mercury vapor lamp	Warren: Harmony Twp.	23-Jul-00	DKS

Sphecodina abbottii at mercury vapor lamp	Warren: Harmony Twp.	09-May-00	DKS
Deidamia inscripta at mercury vapor lamp	Warren: Harmony Twp.	02-May-00	DKS
Hyles gallii at mercury vapor lamp	Warren: Harmony Twp.	02-Jun-00	DKS
<b>ARCTIIDAE</b>			
Cisseps fulvicollis numerous migrants nectaring on Solidago sempervirens in dunes	Cape May: Cape May Point	13-Oct-00	RD
<b>NOCTUIDAE</b>			
Noctua pronuba at mercury vapor lamp; abundant	Warren: Harmony Twp.	15-Jun-00	DKS

## NEW YORK

### Butterflies

#### HESPERIIDAE

Carterocephalus palaemon abundant, nectaring at Vicia cracca, Rubus alleghaniensis, L. vulgare	Essex/ Franklin line: Adirondacks, Bloomingdale Bog R.O.W.	24-Jun-00	D/ K
Hylephila phyleus	Oswego: Rice Creek Biological Field Station	12-Sep-99 - 16-Oct-99	EMH
Pompeius verna	Oswego: Rice Creek Biological Field Station	03-Jul-99 - 14-Jul-99	EMH
Poanes viator associated with Carex lacustris; nect. At Verbena hastata & Asclepias incarnata	Schuyler: Texas Hollow	23-Jul-00	RD
Amblyscirtes hegon five males	Essex/ Franklin line: Adirondacks, Bloomingdale Bog R.O.W.	24-Jun-00	D/ K

#### PAPILIONIDAE

Papilio polyxenes asterius fresh male hilltopping	Rockland: Hook Mountain	30-Apr-00 - 30-Apr-00	RD
Papilio troilus	Oswego: Rice Creek Biological Field Station	21-Jul-99 - 15-Aug-99	EMH

#### PIERIDAE

Anthocharis midea fresh adults	Rockland: Hook Mountain	29-Apr-00 - 30-Apr-00	D/ K
Colias eurytheme migrants passing from NE to SW daily	Tompkins: Ithaca, Cornell campus	25-Sep-00 - 09-Oct-00	RD

#### LYCAENIDAE

Feniseca tarquinius	Oswego: Rice Creek Biological Field Station	11-Jul-99 - 14-Jul-99	EMH
Feniseca tarquinius worn male	Essex/ Franklin line: Adirondacks, Bloomingdale Bog R.O.W.	24-Jun-00	D/ K
Satyrrium liparops	Oswego: Rice Creek Biological Field Station	03-Jul-99	EMH
Strymon melinus fresh male perched on summit	Rockland: Hook Mountain	30-Apr-00	RD
Lycaeides melissa samuelis six worn mostly females - late date for 1st brood	Albany: Albany pine bush	25-Jun-00	D/ K

#### NYMPHALIDAE

Polygonia comma 4 active adults, from hibernation	Tompkins: McLean Bogs Reserve	24-Mar-00 - 01-Apr-00	RD
Polygonia comma perched & patrolling at 5:45 P.M.- behavior usually seen in Spring here	Tompkins: Ithaca, Cornell campus	13-Jul-00	RD
Polygonia progne feeding on perspiration	Essex/ Franklin line: Adirondacks, Bloomingdale Bog R.O.W.	24-Jun-00	D/ K
Polygonia progne fresh male perched in swampy opening, 6:00 P.M., confirms breeding	Tompkins: McLean Bogs Reserve	20-Jul-00	RD
Vanessa virginiensis worn male hilltopping	Rockland: Hook Mountain	30-Apr-00	RD
Vanessa atalanta perched on summit	Rockland: Hook Mountain	30-Apr-00	RD
Junonia coenia	Oswego: Rice Creek Biological Field Station	19-Sep-99	EMH
Euptoieta claudia nectaring at Aster novae-angliae	Tompkins: Ithaca, Monkey Run	30-Sep-00	RD
Speyeria atlantis	Oswego: Rice Creek Biological Field Station	11-Jul-99 - 14-Jul-99	EMH
Limenitis archippus larva on Salix humilis on sand dunes	Albany: Albany pine bush	03-Jul-00	RD
Enodia anhedon	Oswego: Rice Creek Biological Field Station	20-Jun-99 - 26-Jun-99	EMH
Satyrodes appalachia	Oswego: Rice Creek Biological Field Station	20-Jun-99 - 04-Sep-99	EMH
Coenonympha inornata leg. Meena Haribal; nectaring at Potentilla simplex	Cattaraugus: Rock City Park, South of Olean	09-Jun-00	RD
Coenonympha inornata abundant	Tompkins: Slaterville, Midline Road	20-Jun-00	RD

Oeneis jutta one	Essex/ Franklin line: Adirondacks, Bloomingdale Bog R.O.W.	24-Jun-00	D/ K
<b>Moths</b>			
<b>SATURNIIDAE</b>			
Antheraea polyphemus female & male at rest under lights of weather station above tree line (10-11 A.M)	Essex: summit of Whiteface Mt., Adirondacks	25-Jun-00	D/ K
Actias luna four males at rest under lights of weather station above tree line	Essex : summit of Whiteface Mt., Adirondacks	25-Jun-00	D/ K
<b>SPHINGIDAE</b>			
Eumorpha pandorus resting under 24 Hr. light	Tompkins: Ithaca, Cornell University campus	14-Aug-00	RD

## PENNSYLVANIA

### Butterflies

#### HESPERIIDAE

Thorybes bathyllus	Greene: Greene Twp.	22-Jun-00	GM
Thorybes pylades	Greene: Greene Twp.	10-Jun-00	GM
Pyrgus centaureae wyandot confined females oviposited on Potentilla canadensis, reared to pupae	Huntingdon: McAlvy's Fort	30-Apr-00	RWB
Pyrgus communis late date	Erie: Fairview	01-Nov-00	GM
Nastra lherminier	Greene: Greene Twp.	10-Jun-00	GM
Thymelicus lineola	Greene: Greene Twp.	10-Jun-00	GM
Hylephila phyleus second consecutive year in Berks Co.	Berks: Wyomissing	08-Jul-00	KG
Hylephila phyleus rare stray	Erie: Erie; Fairview	07-Sep-00 - 31-Oct-00	GM
Hylephila phyleus	Berks: Shillington	09-Sep-00 - 15-Sep-00	KG
Hesperia leonardus	Chester: Nottingham	30-Sep-00 - 21-Oct-00	KG
Hesperia sassacus	Greene: Greene Twp.	10-Jun-00	GM
Polites peckius	Greene: Greene Twp.	10-Jun-00	GM
Polites themistocles	Greene: Greene Twp.	10-Jun-00	GM
Wallengrenia egeremet	Greene: Greene Twp.	22-Jun-00	GM
Atalopedes campestris previous year (1999) first time seen in Berks Co.	Berks: Wyomissing; Reading; Shillington	08-Jul-00 - 15-Sep-00	KG
Poanes hobomok	Greene: Greene Twp.	10-Jun-00	GM
Poanes zabulon	Greene: Greene Twp.	10-Jun-00	GM
Euphyes bimacula rare and local statewide	Clearfield: Lawrence Twp.	02-Jul-00	GM
Amblyscirtes hegon confined females oviposited on Brachyelytrum erectum, reared to diapausing mature larvae	Centre: Six Mile Run	14-Jun-00	RWB
Amblyscirtes vialis first sighting in many years	Berks: Fleetwood	06-May-00	KG
Panoquina ocola observed only	Erie: Erie	02-Oct-00	GM

#### PAPILIONIDAE

Battus philenor	Berks: Fleetwood	28-Aug-00 - 17-Sep-00	KG
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#### PIERIDAE

Anthocharis midea confined females oviposited on Arabis, reared to pupae	Huntingdon: Jackson Corner	30-Apr-00	RWB
Colias philodice	Greene: Greene Twp.	10-Jun-00	GM
Colias eurytheme	Greene: Greene Twp.	10-Jun-00	GM

#### LYCAENIDAE

Feniseca tarquinius larva with woolly aphids on Alnus serrulata	Berks: Mohnton	20-Oct-00	KG
Lycaena phlaeas late record	Erie: Fairview	01-Nov-00	GM
Satyrrium liparops	Berks: Fleetwood	23-Jun-00 - 30-Jun-00	KG
Calycopis cecrops Mohnton a County record; five seen in Reading	Berks: Mohnton; Fritztown; Reading	26-Aug-00 - 30-Aug-00	KG
Callophrys grynea	Berks: Fleetwood	16-Jul-00	KG
Callophrys augustinus obtained eggs, larvae accepted buds and fruits of Kalmia latifolia	Berks: Oley	12-May-00	KG
Parrhasius m-album sightings on six dates - Apr/ May and September	Berks: Reading; Douglasville; Fleetwood; Fritztown	29-Apr-00 - 14-Sep-00	KG
Strymon melinus late record	Erie: Fairview	01-Nov-00	GM



Erora laeta photographed by Walter Shaffer	Clearfield: Lawrence Twp.	09-Jul-00	GM
<b>NYMPHALIDAE</b>			
Libytheana carinenta including larvae on Celtis tenuifolia; reared, adults eclosed 4 Aug - 12-Sep 00	Berks: Fleetwood	27-Jun-00 - 20-Sep-00	KG
Vanessa virginiensis	Greene: Greene Twp.	10-Jun-00	GM
Vanessa atalanta	Fulton: Buchanan State Forest	30-Apr-00	GM
Vanessa atalanta	Greene: Greene Twp.	10-Jun-00	GM
Junonia coenia early dates	Berks: Oley; Topton	12-May-00 - 17-May-00	KG
Junonia coenia	Greene: Greene Twp.	10-Jun-00	GM
Junonia coenia rare, total of seven observations	Erie: Fairview Twp.	29-Jun-00 - 23-Oct-00	GM
Euptoieta claudia early date	Erie: Fairview Twp.	15-May-00	GM
Euphydryas phaeton	Greene: Greene Twp.	22-Jun-00	GM
Megisto cymela	Greene: Greene Twp.	10-Jun-00	GM

### Moths

#### GEOMETRIDAE

Caripeta aretaria ident. By Steven Johnson	Chester: Nottingham	26-Aug-00	KG
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## RHODE ISLAND

### Moths

#### GEOMETRIDAE

Thysanopyga intractata common in UV light trap, especially at Wilbour Woods - two broods	Newport: Little Compton; Wilbour Woods	14-May-00 - 07-Aug-00	MJM
Eupithecia cretacea one each day in UV light trap	Newport: Little Compton; Wilbour Woods, Simmins Mill Pond	14-May-00 - 04-Jun-00	MJM

#### NOCTUIDAE

Spartiniphaga includens one in UV light trap	Newport: Little Compton, Wilbour Woods	10-Jul-00	MJM
Papaipema stenocelis one in UV light trap	Newport: Tiverton, Pocasset Swamp	11-Sep-00	MJM
Metaxaglaea violacea at bait, one in spring, five in the fall	Newport: Little Compton, Dunderly Brook	16-Mar-00 - 09-Nov-00	MJM

## Zone 11 Mexico

## Mexico & the Caribbean Islands

Coordinator: Isabel Vargas Fernandez

### Contributors Cited:

MBL : Manuel Balcazar Lara  
KR : Kilian Roever

IAE : James E. Ebner

G/S : Gonzalez Cota & Salinas Gutierrez

## COAHUILA

### Butterflies

#### HESPERIIDAE

Codatractus arizonensis	COAHUILA: Maderas del Carmen	05-Aug-00	KR
Autochton cellus	COAHUILA: Maderas del Carmen	07-Jul-00	KR
Autochton cinctus	COAHUILA: Maderas del Carmen	10-Jul-00	KR
Achalarus casica	COAHUILA: Maderas del Carmen	22-Sep-00	KR
Cogia hippalus	COAHUILA: Maderas del Carmen	05-Aug-00	KR
Staphylus ceos	COAHUILA: Maderas del Carmen	10-Jul-00	KR
Erynnis meridianus	COAHUILA: Maderas del Carmen	21-Jul-00	KR
Erynnis horatius	COAHUILA: Maderas del Carmen	08-Jul-00	KR
MEXICO NATIONAL RECORD			
Erynnis tristis	COAHUILA: Maderas del Carmen	07-Jul-00	KR
Erynnis pacuvius	COAHUILA: Maderas del Carmen	18-Jul-00	KR
Heliopetes domicella	COAHUILA: Maderas del Carmen	20-Sep-00	KR
Pholisora catullus	COAHUILA: Maderas del Carmen	18-Jul-00	KR
Pholisora mejicana	COAHUILA: Maderas del Carmen	09-Jul-00	KR

Piruna pirus	COAHUILA: Maderas del Carmen	10-Jul-00	KR
MEXICO NATIONAL RECORD			
Piruna polingii	COAHUILA: Maderas del Carmen	20-Jul-00	KR
Piruna microstictus	COAHUILA: Maderas del Carmen	20-Jul-00	KR
Lerema accius	COAHUILA: Maderas del Carmen	10-Jul-00	KR
Poanes taxiles	COAHUILA: Maderas del Carmen	07-Jul-00	KR
Euphyes vestris	COAHUILA: Maderas del Carmen	08-Jul-00	KR
Amblyscirtes aenus	COAHUILA: Maderas del Carmen	08-Jul-00	KR
Amblyscirtes oslari	COAHUILA: Maderas del Carmen	09-Jul-00	KR
Amblyscirtes texanae	COAHUILA: Maderas del Carmen	10-Jul-00	KR
Amblyscirtes nereus	COAHUILA: Maderas del Carmen	05-Jul-00	KR
Amblyscirtes phylace	COAHUILA: Maderas del Carmen	07-Jul-00	KR
Agathymus chisosensis	COAHUILA: Maderas del Carmen	20-Sep-00	KR
MEXICO NATIONAL RECORD			
Megathymus ursus violae	COAHUILA: Maderas del Carmen	08-Jul-00	KR
<b>PAPILIONIDAE</b>			
Papilio multicaudatus	COAHUILA: Maderas del Carmen	07-Jul-00	KR
<b>LYCAENIDAE</b>			
Atlides halesus	COAHUILA: Maderas del Carmen	06-Jul-00	KR
Ministrymon clytie	COAHUILA: Maderas del Carmen	04-Aug-00	KR
Tmolus azia	COAHUILA: Maderas del Carmen	21-Sep-00	KR
Fixsenia polingi	COAHUILA: Maderas del Carmen	20-Jul-00	KR
Erora quaderna	COAHUILA: Maderas del Carmen	09-Jul-00	KR
Zizula cyna	COAHUILA: Maderas del Carmen	10-Jul-00	KR
Celastrina argiolus	COAHUILA: Maderas del Carmen	07-Jul-00	KR
<b>RIODINIDAE</b>			
Apodemia palmerii	COAHUILA: Maderas del Carmen	07-Aug-00	KR
<b>NYMPHALIDAE</b>			
Euptoieta hegesia	COAHUILA: Maderas del Carmen	10-Jul-00	KR
Limnitis weidemeyerii	COAHUILA: Maderas del Carmen	08-Jul-00	KR
MEXICO NATIONAL RECORD			
Adelpha bredowii	COAHUILA: Maderas del Carmen	07-Jul-00	KR
Cyllopsis pertepida	COAHUILA: Maderas del Carmen	21-Jul-00	KR
Cercyonis meadii	COAHUILA: Maderas del Carmen	04-Aug-00	KR

## COLIMA

### Butterflies

#### PAPILIONIDAE

Parides montezuma	COLIMA: Colima	07-Oct-00	MBL
19°14'35"N 103°43'50"W 500m			

#### PIERIDAE

Ascia monuste	COLIMA: Colima	07-Oct-00	MBL
19°14'35"N 103°43'50"W 500m			
Ganyra josephina josepha	COLIMA: Colima	07-Oct-00	MBL
19°14'35"N 103°43'50"W 500m			
Zerene cesonia	COLIMA: Colima	07-Oct-00	MBL
19°14'35"N 103°43'50"W 500m			
Phoebis agarithe	COLIMA: Colima	07-Oct-00	MBL
19°14'35"N 103°43'50"W 500m			
Phoebis neocypris virgo	COLIMA: Colima	07-Oct-00	MBL
19°14'35"N 103°43'50"W 500m			
Eurema lisa centralis	COLIMA: Colima	07-Oct-00	MBL
19°14'35"N 103°43'50"W 500m			
Eurema boisduvalianum	COLIMA: Colima	07-Oct-00	MBL
19°14'35"N 103°43'50"W 500m			

#### LYCAENIDAE

Rhetus arcus beutelspacheri	COLIMA: Colima	07-Oct-00	MBL
19°14'35"N 103°43'50"W 500m			
Melanis pixe sexpunctata	COLIMA: Colima	07-Oct-00	MBL
19°14'35"N 103°43'50"W 500m			
Pseudolycaena damo	COLIMA: Colima	07-Oct-00	MBL
19°14'35"N 103°43'50"W 500m			

#### NYMPHALIDAE

Dryas iulia moderata	COLIMA: Colima	07-Oct-00	MBL
19°14'35"N 103°43'50"W 500m			

<i>Heliconius charitonius vazquezae</i> 19°14'35"N 103°43'50"W 500m	COLIMA: Colima	07-Oct-00	MBL
<i>Anartia jatrophae luteipicta</i> 19°14'35"N 103°43'50"W 500m	COLIMA: Colima	07-Oct-00	MBL
<i>Anartia amathea colima</i> 19°14'35"N 103°43'50"W 500m	COLIMA: Colima	07-Oct-00	MBL
<i>Chlosyne hippodrome</i> 19°14'35"N 103°43'50"W 500m	COLIMA: Colima	07-Oct-00	MBL
<i>Chlosyne janais</i> 19°14'35"N 103°43'50"W 500m	COLIMA: Colima	07-Oct-00	MBL
<i>Opsiphanes boisduvalii</i> 19°14'35"N 103°43'50"W 500m	COLIMA: Colima	07-Oct-00	MBL
<i>Pessonia polyphemus</i> 19°14'35"N 103°43'50"W 500m	COLIMA: Colima	07-Oct-00	MBL
<i>Danaus plexippus</i> 19°14'35"N 103°43'50"W 500m	COLIMA: Colima	07-Oct-00	MBL

## Moths

### SATURNIIDAE

<i>Syssphinx colloida</i> 19°14'35"N 103°43'50"W 500m	COLIMA: Colima	07-Oct-00	MBL
<i>Dysdaemonia boreas</i> 19°21'49"N 103°49'28"W 1438m	COLIMA: Zacualpan	02-Jun-00	MBL
<i>Copaxa copaxoides</i> 19°21'49"N 103°49'28"W 1438m	COLIMA: Zacualpan	02-Jun-00	MBL
<i>Automeris iris</i> 19°21'49"N 103°49'28"W 1438m	COLIMA: Zacualpan	02-Jun-00	MBL
<i>Caio richardsoni</i> 19°21'49"N 103°49'28"W 1438m	COLIMA: Zacualpan	02-Jun-00	MBL
<i>Rothschildia jorulla</i> 19°21'49"N 103°49'28"W 1438m	COLIMA: Zacualpan	02-Jun-00	MBL
<i>Rothschildia orizaba</i> 19°21'49"N 103°49'28"W 1438m	COLIMA: Zacualpan	02-Jun-00	MBL

### SPHINGIDAE

<i>Manduca muscosa</i> 19°21'49"N 103°49'28"W 1438m	COLIMA: Zacualpan	02-Jun-00	MBL
<i>Ceratomia igualana</i> 19°14'35"N 103°43'50"W 500m	COLIMA: Colima	07-Oct-00	MBL
<i>Isognathus rimosus</i> 19°21'49"N 103°49'28"W 1438m	COLIMA: Zacualpan	02-Jun-00	MBL
<i>Perigonia lusca</i> 19°21'49"N 103°49'28"W 1438m	COLIMA: Zacualpan	02-Jun-00	MBL
<i>Eumorpha satellitia</i> 19°21'49"N 103°49'28"W 1438m	COLIMA: Zacualpan	02-Jun-00	MBL

## MICHOACAN

Luis Lamberto Gonzalez Cota and Jose Luis Salinas Gutierrez (G/S) submitted an extensive report from Michoacan State, Mexico. Michoacan has biogeographical importance because it lies in the Transition Zone. During the 1999 field season, they surveyed 17 localities in the middle and southern portions of the state from January through December. The surveyed areas include two types of vegetation zones and three physiographic zones. They reported 104 butterfly species that comprise 335 records. All material has been deposited in the Museo de Zoologia "Alfonso L. Herrera" (MZFC) at the Facultad de Ciencias, UNAM.

## Butterflies

### HESPERIIDAE

<i>Pyrrhopyge araxes</i>	MICHOACAN: La Nuez	09-Sep-99	G/ S
<i>Pyrrhopyge chloris</i>	MICHOACAN: La Nuez	01-Oct-99 - 25-Oct-99	G/ S
<i>Quadrus lugubris</i>	MICHOACAN: Rio La Chichihua	11-Jan-99	G/ S
<i>Quadrus lugubris</i>	MICHOACAN: La Nuez	11-Jan-99	G/ S
<i>Quinta cannae</i>	MICHOACAN: El Limón	15-Jan-99	G/ S
<i>Phocides palemon lilea</i>	MICHOACAN: La Nuez	09-Sep-99 - 10-Oct-99	G/ S
<i>Polygonus manueli</i>	MICHOACAN: La Nuez	15-Feb-99	G/ S
<i>Chioides catillus albofasciatus</i> also 14-Nov-1999	MICHOACAN: La Nuez	10-Jan-99	G/ S
<i>Chioides catillus albofasciatus</i>	MICHOACAN: Rio La Chichihua	12-Jan-99	G/ S
<i>Chioides catillus albofasciatus</i>	MICHOACAN: 4.5 km al Sur de El Tejón	06-Feb-99	G/ S
<i>Chioides catillus albofasciatus</i>	MICHOACAN: Rancho El Zorrillo, Cañada Húmeda	21-Mar-99 - 27-Mar-99	G/ S
<i>Chioides catillus albofasciatus</i>	MICHOACAN: Aquila	03-Apr-99	G/ S
<i>Chioides catillus albofasciatus</i>	MICHOACAN: La Estanzuela	15-Jul-99 - 03-Aug-99	G/ S
<i>Chioides catillus albofasciatus</i>	MICHOACAN: Villa Victoria	11-Sep-99 - 07-Nov-99	G/ S
<i>Chioides catillus albofasciatus</i>	MICHOACAN: La Nuez	19-Oct-99	G/ S

Chioides zilpa	MICHOACAN: La Estanzuela	11-Mar-99	G/ S
Chioides zilpa	MICHOACAN: Rancho El Zorrillo, Cañada Húmeda	10-Sep-99	G/ S
Chioides zilpa	MICHOACAN: La Nuez	05-Oct-99 - 28-Oct-99	G/ S
Chioides zilpa	MICHOACAN: Villa Victoria	27-Oct-99	G/ S
Aguna asander	MICHOACAN: Rio La Chichihua	12-Jan-99	G/ S
Aguna asander	MICHOACAN: La Nuez	14-Jan-99 - 15-Feb-99	G/ S
Aguna asander	MICHOACAN: Puente Rio Pinolapa	21-Mar-99	G/ S
Typhedanus undulatus	MICHOACAN: La Nuez	12-Sep-99 - 06-Oct-99	G/ S
Typhedanus undulatus	MICHOACAN: Villa Victoria	11-Oct-99 - 15-Oct-99	G/ S
Typhedanus ampyx	MICHOACAN: La Estanzuela	25-May-99	G/ S
Polythrix mexicanus	MICHOACAN: La Nuez	07-Jan-99	G/ S
Polythrix mexicanus	MICHOACAN: 4.5 km al Sur de El Tejón	10-Jan-99	G/ S
Polythrix octomaculata	MICHOACAN: Villa Victoria	14-Oct-99	G/ S
Zera hyacinthinus	MICHOACAN: La Nuez	14-Feb-99 - 15-Feb-99	G/ S
Zopyrion sandace	MICHOACAN: La Nuez	24-Feb-99	G/ S
Urbanus proteus	MICHOACAN: Rio La Chichihua	12-Jan-99	G/ S
Urbanus proteus	MICHOACAN: Rancho El Zorrillo, Cañada Húmeda	27-Mar-99	G/ S
Urbanus proteus also 17-Nov-1999	MICHOACAN: La Nuez	12-Oct-99 - 28-Oct-99	G/ S
Urbanus esmeraldus	MICHOACAN: 4.5 km al Sur de El Tejón	10-Jan-99	G/ S
Urbanus esta	MICHOACAN: 4.5 km al Sur de El Tejón	14-Jan-99	G/ S
Urbanus dorantes	MICHOACAN: Zirimícuaro	03-Jan-99	G/ S
Urbanus dorantes	MICHOACAN: Rancho El Zorrillo, Cañada Húmeda	03-Jan-99 - 27-Mar-99	G/ S
Urbanus dorantes	MICHOACAN: 4.5 km al Sur de El Tejón	10-Jan-99 - 06-Feb-99	G/ S
Urbanus dorantes	MICHOACAN: Rio La Chichihua	10-Jan-99 - 12-Jan-99	G/ S
Urbanus dorantes also present in March, April, July, August & September	MICHOACAN: La Nuez	10-Jan-99 - 28-Oct-99	G/ S
Urbanus dorantes also 4-14-Sep-1999 & 12-Oct-1999	MICHOACAN: El Tejón +4.5 km al Sur de Coahuila	06-Feb-99	G/ S
Urbanus dorantes	MICHOACAN: Puente Rio Pinolapa	07-Feb-99 - 21-Mar-99	G/ S
Urbanus dorantes	MICHOACAN: Rio Aquila	13-Feb-99	G/ S
Urbanus dorantes	MICHOACAN: La Nuez	14-Feb-99 - 28-Feb-99	G/ S
Urbanus dorantes	MICHOACAN: La Estanzuela	11-Mar-99	G/ S
Urbanus dorantes	MICHOACAN: El Limón	03-Apr-99	G/ S
Urbanus dorantes	MICHOACAN: La Estanzuela	01-May-99 - 15-Sep-99	G/ S
Urbanus dorantes	MICHOACAN: Villa Victoria	10-Jul-99 - 26-Jul-99	G/ S
Urbanus dorantes	MICHOACAN: Villa Victoria	01-Aug-99 - 06-Nov-99	G/ S
Urbanus dorantes	MICHOACAN: El Tejón +4.5 km al Sur de Coahuila	12-Oct-99	G/ S
Urbanus belli	MICHOACAN: Rancho El Zorrillo, Cañada Húmeda	03-Jan-99	G/ S
Urbanus teleus	MICHOACAN: Rio La Chichihua	12-Jan-99	G/ S
Urbanus teleus	MICHOACAN: El Limón	15-Jan-99	G/ S
Urbanus teleus	MICHOACAN: Rancho El Zorrillo, Cañada Húmeda	27-Mar-99	G/ S
Urbanus teleus	MICHOACAN: Villa Victoria	26-Jul-99 - 15-Oct-99	G/ S
Urbanus teleus	MICHOACAN: La Estanzuela	30-Jul-99	G/ S
Urbanus teleus	MICHOACAN: La Nuez	22-Aug-99 - 25-Nov-99	G/ S
Urbanus simplicius	MICHOACAN: Rancho El Zorrillo, Cañada Húmeda	06-Jan-99 - 27-Mar-99	G/ S
Urbanus simplicius	MICHOACAN: Puente Rio Pinolapa	07-Feb-99	G/ S
Urbanus simplicius	MICHOACAN: Rio Aquila	13-Feb-99	G/ S
Urbanus simplicius	MICHOACAN: La Nuez	08-Aug-99 - 20-Oct-99	G/ S
Urbanus procne	MICHOACAN: Rio La Chichihua	12-Jan-99	G/ S
Urbanus procne	MICHOACAN: Rancho El Zorrillo, Cañada Húmeda	21-Mar-99 - 27-Mar-99	G/ S
Urbanus procne	MICHOACAN: La Estanzuela	25-Jul-99 - 02-Aug-99	G/ S
Urbanus procne	MICHOACAN: Villa Victoria	07-Aug-99	G/ S
Urbanus procne	MICHOACAN: La Nuez	13-Oct-99	G/ S
Urbanus prodicus	MICHOACAN: La Nuez	08-Jan-99	G/ S
Urbanus doryssus chales	MICHOACAN: Aquila	12-Feb-99	G/ S
Astraptes fulgerator azul also 14-Nov-1999	MICHOACAN: La Nuez	11-Jan-99	G/ S
Astraptes alector hopfferi	MICHOACAN: Rio Aquila	13-Feb-99	G/ S
Astraptes alector hopfferi	MICHOACAN: Rancho El Zorrillo, Cañada Húmeda	27-Mar-99	G/ S
Astraptes alector hopfferi also 14-Oct-1999	MICHOACAN: Villa Victoria	01-Aug-99	G/ S
Astraptes anaphus annetta	MICHOACAN: Zirimícuaro	03-Jan-99	G/ S
Astraptes anaphus annetta	MICHOACAN: El Limón	15-Jan-99	G/ S
Astraptes anaphus annetta also 19-24-Oct-1999	MICHOACAN: La Nuez	15-Feb-99 - 08-Mar-99	G/ S
Astraptes anaphus annetta	MICHOACAN: Villa Victoria	09-Sep-99	G/ S

Autochton cellus	MICHOACAN: La Nuez	27-Jun-99	G/S
Autochton cinctus	MICHOACAN: Zirimícuaro	03-Jan-99	G/S
Autochton neis	MICHOACAN: Rio La Chichihua	11-Jan-99	G/S
Autochton neis also 16-Oct-1999	MICHOACAN: La Nuez	11-Jan-99 - 08-Mar-99	G/S
Autochton neis	MICHOACAN: El Limón	15-Jan-99	G/S
Achalarus casica	MICHOACAN: Rancho El Zorrillo, Cañada Húmeda	27-Mar-99	G/S
Achalarus albociliatus	MICHOACAN: Puente Rio Pinolapa	07-Feb-99	G/S
Achalarus albociliatus	MICHOACAN: Rancho El Zorrillo, Cañada Húmeda	27-Mar-99	G/S
Achalarus toxeus	MICHOACAN: 4.5 km al Sur de El Tejón	14-Jan-99	G/S
Achalarus toxeus	MICHOACAN: Puente Rio Pinolapa	07-Feb-99	G/S
Achalarus toxeus	MICHOACAN: Rancho El Zorrillo, Cañada Húmeda	27-Mar-99	G/S
Achalarus toxeus	MICHOACAN: Villa Victoria	16-Oct-99	G/S
Achalarus toxeus	MICHOACAN: La Nuez	23-Oct-99	G/S
Cabares potrillo	MICHOACAN: 4.5 km al Sur de El Tejón	10-Jan-99	G/S
Cabares potrillo	MICHOACAN: Rancho El Zorrillo, Cañada Húmeda	27-Mar-99	G/S
Ocyba calathana calanus	MICHOACAN: La Nuez	11-Jan-99	G/S
Ocyba calathana calanus	MICHOACAN: Rancho El Zorrillo, Cañada Húmeda	21-Mar-99	G/S
Celaenorrhinus fritzgaertneri	MICHOACAN: La Nuez	16-Jan-99 - 25-Feb-99	G/S
Celaenorrhinus fritzgaertneri	MICHOACAN: Rancho El Zorrillo, Cañada Húmeda	27-Mar-99	G/S
Ebrietas anacreon	MICHOACAN: Puente Rio Pinolapa	07-Feb-99	G/S
Spathilepia clonius also 18-Aug & 15-21 Oct 1999	MICHOACAN: La Nuez	11-Jan-99	G/S
Spathilepia clonius	MICHOACAN: Rio La Chichihua	12-Jan-99	G/S
Spathilepia clonius	MICHOACAN: 4.5 km al Sur de El Tejón	06-Feb-99	G/S
Cogia calchas	MICHOACAN: 4.5 km al Sur de El Tejón	06-Feb-99	G/S
Cogia calchas	MICHOACAN: La Nuez	28-Jun-99 - 05-Oct-99	G/S
Cogia calchas also 13-Oct-1999	MICHOACAN: Villa Victoria	26-Jul-99	G/S
Cogia calchas	MICHOACAN: Rancho Nuevo	05-Aug-99	G/S
Cogia hippalus	MICHOACAN: Rancho Nuevo	24-May-99	G/S
Cogia hippalus	MICHOACAN: La Nuez	27-Aug-99 - 23-Sep-99	G/S
Cogia aventinus	MICHOACAN: La Estanzuela	04-Aug-99	G/S
Cogia cajeta eluina	MICHOACAN: Rio Aquila	13-Feb-99	G/S
Cogia cajeta eluina also 14-Aug-1999	MICHOACAN: Las Higueras	12-Jun-99	G/S
Cogia cajeta eluina	MICHOACAN: La Estanzuela	06-Jul-99 - 07-Jul-99	G/S
Cogia cajeta eluina	MICHOACAN: La Nuez	27-Aug-99	G/S
Nisoniades ephora	MICHOACAN: Zirimícuaro	03-Jan-99	G/S
Nisoniades ephora	MICHOACAN: Rio La Chichihua	12-Jan-99	G/S
Nisoniades ephora	MICHOACAN: 4.5 km al Sur de El Tejón	14-Jan-99	G/S
Nisoniades ephora	MICHOACAN: La Nuez	16-Feb-99	G/S
Pellicia dimidiata	MICHOACAN: 4.5 km al Sur de El Tejón	10-Jan-99 - 06-Feb-99	G/S
Pellicia dimidiata	MICHOACAN: Rio Aquila	13-Feb-99 - 18-Feb-99	G/S
Staphylus tierra	MICHOACAN: Puente Rio Pinolapa	21-Mar-99	G/S
Staphylus tierra	MICHOACAN: Rancho El Zorrillo, Cañada Húmeda	27-Mar-99	G/S
Gorgythion begga pyralina	MICHOACAN: Rio La Chichihua	12-Jan-99	G/S
Gorgythion begga pyralina	MICHOACAN: Puente Rio Pinolapa	07-Feb-99	G/S
Xenophanes tryxus	MICHOACAN: Rancho El Zorrillo, Cañada Húmeda	06-Jan-99	G/S
Antigonus erosus	MICHOACAN: Rio La Chichihua	12-Jan-99	G/S
Antigonus erosus	MICHOACAN: Puente Rio Pinolapa	21-Mar-99	G/S
Antigonus erosus	MICHOACAN: Rancho El Zorrillo, Cañada Húmeda	27-Mar-99	G/S
Antigonus erosus also 5-15 Oct-1999	MICHOACAN: Villa Victoria	01-Aug-99	G/S
Antigonus erosus	MICHOACAN: La Nuez	10-Sep-99	G/S
Antigonus funebris	MICHOACAN: Villa Victoria	10-Oct-99	G/S
Achlyodes tamenund	MICHOACAN: 4.5 km al Sur de El Tejón	14-Jan-99	G/S
Achlyodes tamenund	MICHOACAN: Puente Rio Pinolapa	07-Feb-99 - 21-Mar-99	G/S
Achlyodes busirus heros	MICHOACAN: Rio Aquila	13-Feb-99	G/S
Achlyodes selva also 26-Oct-1999	MICHOACAN: La Nuez	11-Jan-99 - 18-Feb-99	G/S
Achlyodes selva	MICHOACAN: El Limón	15-Jan-99	G/S
Halotus jonaveriorum	MICHOACAN: Zirimícuaro	03-Jan-99	G/S
Chiomara asychis georgina	MICHOACAN: 4.5 km al Sur de El Tejón	10-Jan-99 - 06-Feb-99	G/S
Chiomara asychis georgina	MICHOACAN: Rio La Chichihua	12-Jan-99	G/S
Chiomara asychis georgina	MICHOACAN: Puente Rio Pinolapa	07-Feb-99	G/S
Chiomara mithrax	MICHOACAN: Rancho El Zorrillo, Cañada Húmeda	27-Mar-99	G/S

<i>Chiomara mithrax</i>	MICHOACAN: Villa Victoria	07-Aug-99	G/ S
<i>Gesta gesta invisus</i>	MICHOACAN: Zirimícuaro	03-Jan-99	G/ S
<i>Gesta gesta invisus</i>	MICHOACAN: 4.5 km al Sur de El Tejón	14-Jan-99	G/ S
<i>Gesta gesta invisus</i>	MICHOACAN: El Limón	15-Jan-99	G/ S
<i>Erynnis tristis</i>	MICHOACAN: Rancho El Zorrillo, Cañada Húmeda	27-Mar-99	G/ S
<i>Erynnis funeralis</i>	MICHOACAN: 4.5 km al Sur de El Tejón	10-Jan-99	G/ S
<i>Erynnis funeralis</i>	MICHOACAN: La Estanzuela	23-Jul-99 - 23-Sep-99	G/ S
<i>Erynnis funeralis</i>	MICHOACAN: Villa Victoria	01-Aug-99	G/ S
<i>Pyrgus oileus</i>	MICHOACAN: Zirimícuaro	03-Jan-99	G/ S
<i>Pyrgus oileus</i> also 3-21 Oct-1999	MICHOACAN: La Nuez	11-Jan-99	G/ S
<i>Pyrgus oileus</i>	MICHOACAN: Puente Rio Pinolapa	07-Feb-99	G/ S
<i>Pyrgus oileus</i>	MICHOACAN: Coalcomán de Vázquez Pallares	31-Mar-99	G/ S
<i>Pyrgus oileus</i>	MICHOACAN: La Estanzuela	25-Jul-99	G/ S
<i>Pyrgus oileus</i>	MICHOACAN: Villa Victoria	25-Jul-99 - 10-Nov-99	G/ S
<i>Pyrgus oileus</i>	MICHOACAN: El Tejón +4.5 km al Sur de Coalcoman	04-Sep-99	G/ S
<i>Heliopetes lavianus</i>	MICHOACAN: 4.5 km al Sur de El Tejón	10-Jan-99 - 06-Feb-99	G/ S
<i>Heliopetes lavianus</i>	MICHOACAN: Rancho El Zorrillo, Cañada Húmeda	27-Mar-99	G/ S
<i>Heliopetes macaira</i>	MICHOACAN: Puente Rio Pinolapa	07-Feb-99	G/ S
<i>Heliopetes macaira</i>	MICHOACAN: Rio Aquila	18-Feb-99	G/ S
<i>Heliopetes macaira</i>	MICHOACAN: Villa Victoria	21-Jul-99	G/ S
<i>Heliopetes macaira</i>	MICHOACAN: La Lagunita	12-Aug-99	G/ S
<i>Heliopetes macaira</i>	MICHOACAN: La Nuez	12-Sep-99	G/ S
<i>Heliopetes alana</i>	MICHOACAN: Villa Victoria	24-Jul-99	G/ S
<i>Piruna purepecha</i>	MICHOACAN: La Nuez	13-Oct-99	G/ S
<i>Synapte syraes</i>	MICHOACAN: Puente Rio Pinolapa	21-Mar-99	G/ S
<i>Synapte syraes</i>	MICHOACAN: Rancho El Zorrillo, Cañada Húmeda	21-Mar-99 - 27-Mar-99	G/ S
<i>Corticea corticea</i>	MICHOACAN: Rio La Chichihua	12-Jan-99	G/ S
<i>Corticea corticea</i>	MICHOACAN: Rio Aquila	13-Feb-99	G/ S
<i>Corticea corticea</i>	MICHOACAN: Rancho El Zorrillo, Cañada Húmeda	21-Mar-99 - 27-Mar-99	G/ S
<i>Corticea corticea</i>	MICHOACAN: Puente Rio Pinolapa	21-Mar-99	G/ S
<i>Cycloglypha thrasibulus</i>	MICHOACAN: Rancho El Zorrillo, Cañada Húmeda	27-Mar-99	G/ S
<i>Cycloglypha thrasibulus</i>	MICHOACAN: La Estanzuela	02-Aug-99	G/ S
<i>Cycloglypha thrasibulus</i>	MICHOACAN: La Nuez	02-Sep-99 - 12-Sep-99	G/ S
<i>Cycloglypha thrasibulus</i>	MICHOACAN: Villa Victoria	03-Oct-99 - 15-Oct-99	G/ S
<i>Callimormus saturnus</i>	MICHOACAN: 4.5 km al Sur de El Tejón	10-Jan-99 - 14-Jan-99	G/ S
<i>Callimormus saturnus</i>	MICHOACAN: Rancho El Zorrillo, Cañada Húmeda	21-Mar-99 - 27-Mar-99	G/ S
<i>Callimormus saturnus</i>	MICHOACAN: La Nuez	04-Oct-99 - 14-Oct-99	G/ S
<i>Vacerra gayra</i>	MICHOACAN: La Nuez	28-Aug-99	G/ S
<i>Vacerra litana</i>	MICHOACAN: Rancho El Zorrillo, Cañada Húmeda	27-Mar-99	G/ S
<i>Vehilius inca</i>	MICHOACAN: Rio La Chichihua	12-Jan-99	G/ S
<i>Vehilius inca</i>	MICHOACAN: La Nuez	13-Oct-99	G/ S
<i>Vehilius illudens</i>	MICHOACAN: Rio Aquila	13-Feb-99	G/ S
<i>Methionopsis ina</i>	MICHOACAN: La Nuez	11-Jan-99	G/ S
<i>Methionopsis ina</i>	MICHOACAN: 4.5 km al Sur de El Tejón	14-Jan-99	G/ S
<i>Methionopsis ina</i>	MICHOACAN: Rio Aquila	12-Feb-99 - 13-Feb-99	G/ S
<i>Moeris stroma</i>	MICHOACAN: Rio La Chichihua	12-Jan-99	G/ S
<i>Moeris stroma</i>	MICHOACAN: 4.5 km al Sur de El Tejón	06-Feb-99	G/ S
<i>Mylon lassia</i>	MICHOACAN: 4.5 km al Sur de El Tejón	10-Jan-99	G/ S
<i>Mylon pelopidas</i>	MICHOACAN: Puente Rio Pinolapa	07-Feb-99	G/ S
<i>Mylon pelopidas</i>	MICHOACAN: La Estanzuela	23-Jul-99 - 07-Sep-99	G/ S
<i>Mylon pelopidas</i>	MICHOACAN: La Nuez	10-Sep-99	G/ S
<i>Mysoria affinis</i>	MICHOACAN: La Nuez	24-Feb-99	G/ S
<i>Mysoria affinis</i>	MICHOACAN: Villa Victoria	07-Sep-99	G/ S
<i>Mysoria amra</i>	MICHOACAN: Rancho El Zorrillo, Cañada Húmeda	21-Mar-99	G/ S
<i>Mysoria amra</i>	MICHOACAN: La Estanzuela	29-Aug-99	G/ S
<i>Mysoria amra</i> also 23-Oct-1999	MICHOACAN: La Nuez	03-Sep-99 - 06-Sep-99	G/ S
<i>Mysoria amra</i>	MICHOACAN: Villa Victoria	09-Sep-99	G/ S
<i>Cymaenes trebius</i>	MICHOACAN: Rio La Chichihua	12-Jan-99	G/ S
<i>Cymaenes trebius</i>	MICHOACAN: 4.5 km al Sur de El Tejón	14-Jan-99	G/ S
<i>Cymaenes trebius</i>	MICHOACAN: El Limón	15-Jan-99	G/ S
<i>Cymaenes trebius</i>	MICHOACAN: Rio Aquila	12-Feb-99 - 13-Feb-99	G/ S
<i>Cymaenes trebius</i>	MICHOACAN: Rancho El Zorrillo, Cañada Húmeda	21-Mar-99 - 27-Mar-99	G/ S
<i>Cymaenes trebius</i>	MICHOACAN: La Nuez	06-Oct-99 - 14-Oct-99	G/ S
<i>Lerema accius</i>	MICHOACAN: Zirimícuaro	03-Jan-99	G/ S

Lerema accius also 7-Sep - 21-Oct-1999	MICHOACAN: La Nuez	11-Jan-99 - 12-Jan-99	G/S
Lerema accius	MICHOACAN: Rio La Chichihua	12-Jan-99	G/S
Lerema accius	MICHOACAN: El Tejón +4.5 km al Sur de Coalcoman	14-Jan-99	G/S
Lerema accius	MICHOACAN: Rio Aquila	12-Feb-99 - 18-Feb-99	G/S
Lerema accius	MICHOACAN: Puente Rio Pinolapa	21-Mar-99	G/S
Lerema accius	MICHOACAN: Rancho El Zorrillo, Cañada Húmeda	21-Mar-99 - 27-Mar-99	G/S
Vettius fantasos	MICHOACAN: Zirimícuaro	03-Jan-99	G/S
Vettius fantasos	MICHOACAN: 4.5 km al Sur de El Tejón	14-Jan-99	G/S
Vettius fantasos	MICHOACAN: Rancho El Zorrillo, Cañada Húmeda	27-Mar-99	G/S
Perichares philetas adela	MICHOACAN: La Nuez	10-Oct-99 - 20-Oct-99	G/S
Saliana fusta	MICHOACAN: La Nuez	22-Oct-99 - 27-Oct-99	G/S
Decinea lucifer	MICHOACAN: La Nuez	07-Oct-99 - 13-Oct-99	G/S
Conga chydaea	MICHOACAN: Rio Aquila	12-Feb-99	G/S
Conga chydaea	MICHOACAN: La Nuez	05-Oct-99 - 09-Oct-99	G/S
Anastrus robigus	MICHOACAN: Rio Aquila	13-Feb-99	G/S
Ancyloxypha arene	MICHOACAN: 4.5 km al Sur de El Tejón	14-Jan-99	G/S
Ancyloxypha arene	MICHOACAN: La Nuez	12-Oct-99 - 16-Oct-99	G/S
Noctuana stator	MICHOACAN: 4.5 km al Sur de El Tejón	10-Jan-99	G/S
Noctuana stator also 10-Jul-1999	MICHOACAN: La Nuez	16-Feb-99	G/S
Noctuana stator	MICHOACAN: La Estanzuela	27-Aug-99	G/S
Anthoptus insignis	MICHOACAN: El Limón	15-Jan-99	G/S
Anthoptus insignis	MICHOACAN: Rio Aquila	12-Feb-99	G/S
Copaeodes aurantiacus	MICHOACAN: La Nuez	11-Jan-99	G/S
Copaeodes aurantiacus	MICHOACAN: Toscano	24-Jan-99	G/S
Copaeodes aurantiacus	MICHOACAN: Rancho El Zorrillo, Cañada Húmeda	27-Mar-99	G/S
Hylephila phyleus	MICHOACAN: Rio La Chichihua	12-Jan-99	G/S
Hylephila phyleus	MICHOACAN: 4.5 km al Sur de El Tejón	14-Jan-99	G/S
Hylephila phyleus	MICHOACAN: El Tejón +4.5 km al Sur de Coalcoman	06-Feb-99	G/S
Hylephila phyleus	MICHOACAN: La Nuez	24-Jul-99 - 20-Oct-99	G/S
Polites subreticulata	MICHOACAN: La Nuez	20-Feb-99	G/S
Polites vibex praeceps	MICHOACAN: Rio La Chichihua	12-Jan-99	G/S
Polites vibex praeceps	MICHOACAN: 4.5 km al Sur de El Tejón	13-Jan-99	G/S
Polites vibex praeceps	MICHOACAN: Rancho El Zorrillo, Cañada Húmeda	27-Mar-99	G/S
Polites vibex praeceps	MICHOACAN: La Nuez	12-Oct-99	G/S
Wallengrenia otho	MICHOACAN: Puente Rio Pinolapa	07-Feb-99 - 21-Mar-99	G/S
Wallengrenia otho	MICHOACAN: Rancho El Zorrillo, Cañada Húmeda	21-Mar-99 - 27-Mar-99	G/S
Pompeius pompeius	MICHOACAN: Rancho El Zorrillo, Cañada Húmeda	06-Jan-99 - 27-Mar-99	G/S
Pompeius pompeius	MICHOACAN: 4.5 km al Sur de El Tejón	10-Jan-99 - 06-Feb-99	G/S
Pompeius pompeius	MICHOACAN: Rio La Chichihua	11-Jan-99 - 12-Jan-99	G/S
Pompeius pompeius	MICHOACAN: Puente Rio Pinolapa	07-Feb-99 - 21-Mar-99	G/S
Pompeius pompeius	MICHOACAN: El Tejón +4.5 km al Sur de Coalcoman	02-Sep-99 - 04-Sep-99	G/S
Pompeius pompeius	MICHOACAN: La Nuez	19-Oct-99	G/S
Atalopedes campestris huron	MICHOACAN: La Nuez	11-Jan-99	G/S
Atarnes sallei	MICHOACAN: 4.5 km al Sur de El Tejón	10-Jan-99 - 14-Jan-99	G/S
Atarnes sallei	MICHOACAN: La Nuez	11-Jan-99	G/S
Atarnes sallei	MICHOACAN: Rio Aquila	13-Feb-99	G/S
Ochlodes samenta	MICHOACAN: Zirimícuaro	03-Jan-99	G/S
Clito clito	MICHOACAN: Rio Aquila	12-Feb-99	G/S
Quasimellana eulogius	MICHOACAN: Rancho El Zorrillo, Cañada Húmeda	21-Mar-99	G/S
Amblyscirtes folia	MICHOACAN: La Nuez	27-Jun-99	G/S
Amblyscirtes folia	MICHOACAN: Villa Victoria	23-Jul-99	G/S
Amblyscirtes folia	MICHOACAN: La Estanzuela	02-Aug-99	G/S
Amblyscirtes tolteca	MICHOACAN: La Nuez	18-Aug-99	G/S
Lerodea arabus	MICHOACAN: Rancho El Zorrillo, Cañada Húmeda	27-Mar-99	G/S
Panoquina leucas also 12-Sep & 21-Oct-1999	MICHOACAN: La Nuez	11-Jan-99	G/S
Panoquina leucas	MICHOACAN: Villa Victoria	07-Oct-99	G/S

## NUEVO LEON

### Moths

#### APATELODIDAE

Apatelodes verena 25°20'43"N 100°16'45"W 1880m	NUEVO LEON: Laguna de Sánchez	25-May-00	MBL
Olceclostera maya 25°20'43"N 100°16'45"W 1880m	NUEVO LEON: Laguna de Sánchez	25-May-00	MBL

**SATURNIIDAE**

<i>Sphingicampa albolineata</i> 25°20'43"N 100°16'45"W 1880m	NUEVO LEON: Laguna de Sánchez	25-May-00	MBL
<i>Automeris io draudtiana</i> 25°20'43"N 100°16'45"W 1880m	NUEVO LEON: Laguna de Sánchez	25-May-00	MBL
<i>Automeris peigleri</i> 25°20'43"N 100°16'45"W 1880m	NUEVO LEON: Laguna de Sánchez	25-May-00	MBL
<i>Leucanella muelleri</i> 25°20'43"N 100°16'45"W 1880m	NUEVO LEON: Laguna de Sánchez	25-May-00	MBL
<i>Caio richardsoni</i> 25°20'43"N 100°16'45"W 1880m	NUEVO LEON: Laguna de Sánchez	25-May-00	MBL
<i>Antheraea polyphemus mexicana</i> 25°20'43"N 100°16'45"W 1880m	NUEVO LEON: Laguna de Sánchez	25-May-00	MBL
<i>Hyalophora columbia gloveri</i> 25°20'43"N 100°16'45"W 1880m	NUEVO LEON: Laguna de Sánchez	25-May-00	MBL

**SPHINGIDAE**

<i>Paonias myops</i> 25°20'43"N 100°16'45"W 1880m	NUEVO LEON: Laguna de Sánchez	25-May-00	MBL
<i>Laothoe juglandis</i> 25°20'43"N 100°16'45"W 1880m	NUEVO LEON: Laguna de Sánchez	25-May-00	MBL
<i>Adhemaris globifer</i> 25°20'43"N 100°16'45"W 1880m	NUEVO LEON: Laguna de Sánchez	25-May-00	MBL
<i>Eumorpha anchemola</i> 25°20'43"N 100°16'45"W 1880m	NUEVO LEON: Laguna de Sánchez	25-May-00	MBL
<i>Darapsa pholus</i> 25°20'43"N 100°16'45"W 1880m	NUEVO LEON: Laguna de Sánchez	25-May-00	MBL
<i>Hyles lineata</i> 25°20'43"N 100°16'45"W 1880m	NUEVO LEON: Laguna de Sánchez	25-May-00	MBL

**VIRGIN ISLANDS****Butterflies****HESPERIIDAE**

<i>Urbanus proteus</i>	St. Croix: Frederikstead	07-Nov-00	JAE
<i>Pyrgus oileus</i> common	St. Croix: Frederikstead	07-Nov-00	JAE
<i>Choranthus vitellius</i> abundant	St. Croix: Frederikstead	07-Nov-00	JAE

**PIERIDAE**

<i>Ascia monuste</i> common	St. Croix: Frederikstead	07-Nov-00	JAE
<i>Phoebis sennae</i> common	St. Croix: Frederikstead	07-Nov-00	JAE
<i>Phoebis agarithe</i> uncommon	St. Croix: Frederikstead	07-Nov-00	JAE
<i>Eurema lisa</i> abundant	St. Croix: Frederikstead	07-Nov-00	JAE
<i>Eurema दौरा</i> rare	St. Croix: Frederikstead	07-Nov-00	JAE

**LYCAENIDAE**

<i>Strymon bubastus</i> locally common	St. Croix: Frederikstead	07-Nov-00	JAE
<i>Leptotes cassius</i> uncommon	St. Croix: Frederikstead	07-Nov-00	JAE
<i>Hemiargus ceraunus</i> abundant	St. Croix: Frederikstead	07-Nov-00	JAE

**NYMPHALIDAE**

<i>Agraulis vanillae</i> rare	St. Croix: Frederikstead	07-Nov-00	JAE
<i>Junonia evarete</i> very common	St. Croix: Frederikstead	07-Nov-00	JAE
<i>Danaus plexippus</i> uncommon but fresh	St. Croix: Frederikstead	07-Nov-00	JAE



## NOTES

## NOTES

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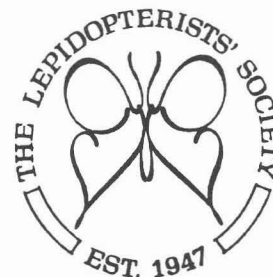
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## Abbreviations:

bl = black (ultraviolet) light  
Co = county  
CP = County Park  
cpgd = campground  
CR = County Road  
FGA = Fish & Game Area  
FR = fire 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  
PF = Provincial Forest  
PP = Provincial Park  
SF = State Forest  
SGA = State Game Area  
SHP = State Historical Park  
SP = State Park  
SR = State Road

SRA = State Recreation Area  
SWA = State Wildlife Area  
Twp = Township  
vic = vicinity  
WA = Wildlife Area  
WMA = Wildlife Management  
Area  
WPA = Waterfowl Production  
Area

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