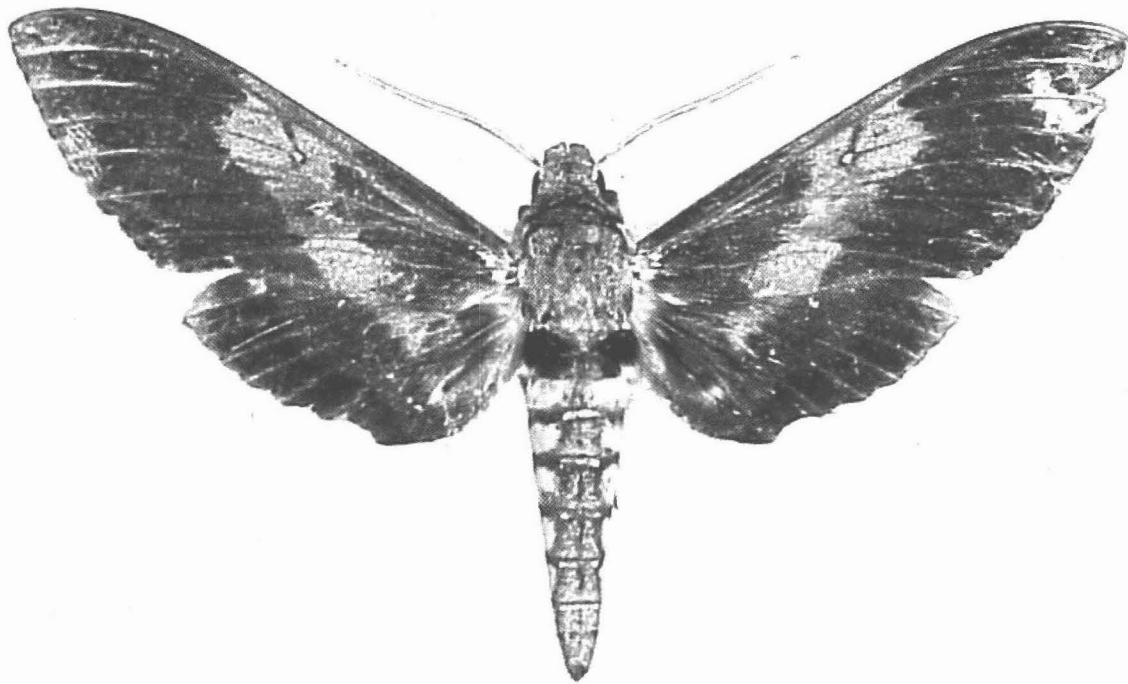


Volume 46 Supplement S1 2004

NEWS OF THE LEPIDOPTERISTS' SOCIETY

2003 Season Summary



Manduca lanuginosa f. crocala, Hidalgo Co., TX, 11th July 2003, C Sassine. Photo by Ed Knudson.



Index

NEWS OF THE LEPIDOPTERISTS' SOCIETY

Volume 46 Supplement S1

Zone 1:	Nunavut	3
	Alaska	4
Zone 2:	British Columbia	6
	Idaho	7
	Oregon	8
	Washington	9
Zone 3:	Arizona	10
	California	10
	Nevada	19
Zone 4:	Alberta, Colorado	21
	Montana	23
	New Mexico	25
	Utah	29
	Wyoming	30
Zone 5:	Saskatchewan	31
	Kansas, Nebraska	32
	North Dakota	34
	Oklahoma	36
	South Dakota	39
Zone 6:	Texas	41
Zone 7:	Ontario	49
	Quebec	56
Zone 8:	Illinois	57
	Indiana, Iowa	58
	Michigan	59
	Minnesota, Missouri, Wisconsin	62
Zone 9:	Florida	64
	Georgia	65
	Louisiana	69
	Mississippi, North Carolina	70
	South Carolina	71
Zone 10:	Maine, Maryland	73
	Massachusetts, New Hampshire	74
	New Jersey, New York	75
	Pennsylvania	76
	Rhode Island, Vermont	77
Zone 11:	Mexico: Campeche	78
	Mexico: Distrito Federal	84
	Mexico: Quintana Roo	85
Abbreviations		86
Season Summary Zone Co-ordinators		87

Issue Date: April 1, 2004

ISSN 0091-1348

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

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.)

The **News of the Lepidopterists' Society** (ISSN 0091-1348) is published quarterly by The Lepidopterists' Society, c/o Los Angeles County Museum of Natural History, 900 Exposition Blvd., Los Angeles, CA 90007-4057, USA, and includes one or two supplements each year. The **Season Summary** is published every year as Supplement S1 and is mailed with issue 1 of the News. In even numbered years a complete **Membership Directory** is published as Supplement S2 and is mailed with issue 4 of that volume of the News. Please see the inside front cover for instructions regarding subscriptions, submissions to, and deadline dates for, the News.

Application to mail at Periodicals Postage rates is pending at Los Angeles, CA and at additional mailing office (Lawrence, KS).

POSTMASTER: Please send address changes to **News of the Lepidopterists' Society**, c/o Los Angeles County Museum of Natural History, 900 Exposition Blvd., Los Angeles, CA 90007-4057.

Copyright © 2004 by The Lepidopterists' Society. All rights reserved. The statements of contributors do not necessarily represent the views of the Society or the editor and the Society does not warrant or endorse products or services of advertisers.

Season Summary 2003

Zone 1 Far North

Alaska, Yukon, Nunavut, and Northwest Territories

Contributors Cited:

JXK : James J. Kruse

Coordinator: Kenelm W. Philip

KWP : Kenelm W. Philip

YU : Yukinobu Ujiie

General Comments:

Previously unreported localities, species, or dates are emphasized. Note regarding the Alaska Lepidoptera Survey: Ken Philip made trips to Haines (SE Alaska) in May and September, and to Homer (Kenai Peninsula) in June and July. UV moth traps were run in Haines during both trips, and in Homer (and a few other Kenai Peninsula sites) in July. The Bonanza Creek Experimental Forest near Fairbanks was checked throughout the summer as weather permitted.

NUNAVUT

22 species of butterflies were collected in Kugluktuk (Coppermine) from 6-11 July (YU).

Butterflies

PAPILIONIDAE

<i>Papilio machaon</i>	W Coronation Gulf: Kugluktuk (Coppermine)	06-Jul-03 - 11-Jul-03	YU
<i>Papilio canadensis</i>	W Coronation Gulf: Kugluktuk (Coppermine)	06-Jul-03 - 11-Jul-03	YU

PIERIDAE

<i>Pontia occidentalis</i>	W Coronation Gulf: Kugluktuk (Coppermine)	06-Jul-03 - 11-Jul-03	YU
<i>Euchloe creusa</i>	W Coronation Gulf: Kugluktuk (Coppermine)	06-Jul-03 - 11-Jul-03	YU
<i>Colias hecla</i>	W Coronation Gulf: Kugluktuk (Coppermine)	06-Jul-03 - 11-Jul-03	YU
<i>Colias boothii</i>	W Coronation Gulf: Kugluktuk (Coppermine)	06-Jul-03 - 11-Jul-03	YU
<i>Colias nastes</i>	W Coronation Gulf: Kugluktuk (Coppermine)	06-Jul-03 - 11-Jul-03	YU
<i>Colias palaeno</i>	W Coronation Gulf: Kugluktuk (Coppermine)	06-Jul-03 - 11-Jul-03	YU

NYMPHALIDAE

<i>Boloria eunomia</i>	W Coronation Gulf: Kugluktuk (Coppermine)	06-Jul-03 - 11-Jul-03	YU
<i>Boloria improba</i>	W Coronation Gulf: Kugluktuk (Coppermine)	06-Jul-03 - 11-Jul-03	YU
<i>Boloria polaris</i>	W Coronation Gulf: Kugluktuk (Coppermine)	06-Jul-03 - 11-Jul-03	YU
<i>Boloria freija</i>	W Coronation Gulf: Kugluktuk (Coppermine)	06-Jul-03 - 11-Jul-03	YU
<i>Boloria chariclea</i>	W Coronation Gulf: Kugluktuk (Coppermine)	06-Jul-03 - 11-Jul-03	YU
<i>Phyciodes pratensis</i>	W Coronation Gulf: Kugluktuk (Coppermine)	06-Jul-03 - 11-Jul-03	YU
<i>Coenonympha kodiak</i>	W Coronation Gulf: Kugluktuk (Coppermine)	06-Jul-03 - 11-Jul-03	YU
<i>Erebia rossii</i>	W Coronation Gulf: Kugluktuk (Coppermine)	06-Jul-03 - 11-Jul-03	YU
<i>Erebia disa</i>	W Coronation Gulf: Kugluktuk (Coppermine)	06-Jul-03 - 11-Jul-03	YU
<i>Erebia fasciata</i>	W Coronation Gulf: Kugluktuk (Coppermine)	06-Jul-03 - 11-Jul-03	YU
<i>Erebia epipsodea</i>	W Coronation Gulf: Kugluktuk (Coppermine)	06-Jul-03 - 11-Jul-03	YU
<i>Oeneis bore</i>	W Coronation Gulf: Kugluktuk (Coppermine)	06-Jul-03 - 11-Jul-03	YU
<i>Oeneis melissa</i>	W Coronation Gulf: Kugluktuk (Coppermine)	06-Jul-03 - 11-Jul-03	YU
<i>Oeneis polixenes</i>	W Coronation Gulf: Kugluktuk (Coppermine)	06-Jul-03 - 11-Jul-03	YU

ALASKA

Weather: In the Interior, a normal spring (but cool in April) after a warm and dry winter. Dry (with forest fires) until the heavy rains (with flooding) in late July. August normal. Cool in September, warm in October.

STATE RECORDS: *Anania funebris glomerata* (Pyrilidae), *Euthyatira pudens* (Thyatiridae), *Mesoleuca gratulata* (Geometridae), and *Gluphisia severa* (Notodontidae) from near Haines, SE Alaska. *Xestia imperita* from Sterling, Kenai Peninsula.

RANGE EXTENSION: *Pseudohermonassa flavotincta* (Noctuidae) from Homer and Sterling, Kenai Peninsula. Previous Alaska records are from SE Alaska.

New localities: 12 species of butterflies (and a number of moths) were collected near the village of Iliamna and on Roadhouse Mountain in mid-June (JJK). Collecting conditions were very poor, with strong winds and only a few hours per day without fog.

Records of interest: *Nymphalis vaualbum* was common in August in the Fairbanks area, especially in the Bonanza Creek Experimental Forest. Records ranged from 25 miles west to 9 miles east and 5 miles north of Fairbanks. In the Bonanza Creek Experimental Forest *N. vaualbum* was several times more abundant than *N. antiopa*. *Agriades megalos* emerged at mile 8.5 Haines Highway on 22 May. *Smerinthus cerisyi* (Sphingidae) (common) and additional material of *Hemaris diffinis* (Sphingidae) were obtained near Haines in May. *Eilema bicolor* (Arctiidae) from Fairbanks, and also in 2001 (JJK) from the Nogahabara Sand Dunes, Koyukuk-Nowitna National Wildlife Refuge, about 50 miles north of Galena. *Lycia rachelae* (Geometridae) from near Haines, SE Alaska. *Erebia mackinleyensis* from Roadhouse Mountain east of Iliamna village (JJK).

Butterflies

HESPERIIDAE

<i>Carterocephalus palaemon</i>	S Alaska Range: Roadhouse Mountain, Lake Iliamna	13-Jun-03	JJK
---------------------------------	--	-----------	-----

PAPILIONIDAE

<i>Parnassius eversmanni</i>	Southcentral Alaska: Denali Highway mi. 12.4	05-Jul-03	KWP
<i>Parnassius phoebus</i>	Talkeetna Mts.: Little Coal Creek trail, K'esugi Ridge	19-Jul-03	KWP
<i>Papilio machaon</i>	Lake Iliamna region: NW end of Lake Iliamna	11-Jun-03 - 15-Jun-03	JJK
<i>Papilio machaon</i>	S Alaska Range: Roadhouse Mountain, Lake Iliamna	13-Jun-03	JJK
<i>Papilio machaon</i> very common	Southcentral Alaska: Denali Highway mi. 12.4	05-Jul-03	KWP
<i>Papilio canadensis</i>	SE Alaska: Haines Highway mi. 16	17-May-03 - 21-May-03	KWP
<i>Papilio canadensis</i>	SE Alaska: Haines Highway mi. 20.7	18-May-03 - 19-May-03	KWP
<i>Papilio canadensis</i>	SE Alaska: Haines Highway mi. 21.5	20-May-03 - 23-May-03	KWP

PIERIDAE

<i>Pontia occidentalis</i>	Southcentral Alaska: Denali Highway mi. 12.4	05-Jul-03	KWP
<i>Pieris napi hulda</i>	Lake Iliamna region: NW end of Lake Iliamna	11-Jun-03 - 15-Jun-03	JJK
<i>Pieris napi hulda</i>	S Alaska Range: Roadhouse Mountain, Lake Iliamna	13-Jun-03	JJK
<i>Pieris marginalis</i>	SE Alaska: Haines Highway mi. 8.5	10-May-03 - 26-May-03	KWP
<i>Pieris marginalis</i>	SE Alaska: Haines Highway mi. 37	10-May-03 - 19-May-03	KWP
<i>Pieris marginalis</i>	SE Alaska: Haines Highway mi. 12.8	16-May-03	KWP
<i>Pieris marginalis</i>	SE Alaska: Haines Highway mi. 3.2	16-May-03	KWP
<i>Pieris marginalis</i>	SE Alaska: Haines Highway mi. 11.5	16-May-03	KWP
<i>Pieris marginalis</i>	SE Alaska: Haines Highway mi. 16	17-May-03 - 21-May-03	KWP
<i>Pieris marginalis</i>	SE Alaska: Haines Highway mi. 7.5	17-May-03	KWP
<i>Pieris marginalis</i>	SE Alaska: Haines Highway mi. 20.7	18-May-03 - 19-May-03	KWP
<i>Pieris marginalis</i>	SE Alaska: Haines Highway mi. 19.7	19-May-03	KWP
<i>Pieris marginalis</i>	SE Alaska: Haines Highway mi. 12.3	19-May-03	KWP
<i>Pieris marginalis</i>	SE Alaska: Haines Highway mi. 21.5	20-May-03 - 23-May-03	KWP
<i>Pieris marginalis</i>	SE Alaska: Haines Highway mi. 4.1	20-May-03 - 21-May-03	KWP
<i>Pieris marginalis</i>	SE Alaska: Haines Highway mi. 13.8	20-May-03	KWP
<i>Pieris marginalis</i>	SE Alaska: Lutak Road mi. 3.15	21-May-03	KWP
<i>Pieris marginalis</i>	SE Alaska: Lutak Road mi. 1.15	21-May-03	KWP
<i>Pieris marginalis</i>	SE Alaska: Lutak Road mi. 1.65	21-May-03	KWP
<i>Pieris marginalis</i>	SE Alaska: Haines Highway mi. 6	22-May-03	KWP
<i>Anthocharis sara alaskensis</i>	SE Alaska: Haines Highway mi. 37	10-May-03 - 19-May-03	KWP
<i>Anthocharis sara alaskensis</i>	SE Alaska: Haines Highway mi. 8.5	10-May-03 - 26-May-03	KWP
<i>Anthocharis sara alaskensis</i>	SE Alaska: Haines Highway mi. 11.5	16-May-03	KWP
<i>Anthocharis sara alaskensis</i>	SE Alaska: Haines Highway mi. 12.8	16-May-03	KWP
<i>Anthocharis sara alaskensis</i>	SE Alaska: Haines Highway mi. 16	17-May-03 - 21-May-03	KWP
<i>Anthocharis sara alaskensis</i>	SE Alaska: Haines Highway mi. 7.5	17-May-03	KWP
<i>Anthocharis sara alaskensis</i>	SE Alaska: Haines Highway mi. 20.7	18-May-03 - 19-May-03	KWP
<i>Anthocharis sara alaskensis</i>	SE Alaska: Haines Highway mi. 19.7	19-May-03	KWP
<i>Anthocharis sara alaskensis</i>	SE Alaska: Haines Highway mi. 12.3	19-May-03	KWP
<i>Anthocharis sara alaskensis</i>	SE Alaska: Haines Highway mi. 21.5	20-May-03 - 23-May-03	KWP
<i>Anthocharis sara alaskensis</i>	SE Alaska: Haines Highway mi. 13.8	20-May-03	KWP
<i>Anthocharis sara alaskensis</i>	SE Alaska: Haines Highway mi. 4.1	20-May-03 - 21-May-03	KWP
<i>Anthocharis sara alaskensis</i>	SE Alaska: Lutak Road mi. 1.15	21-May-03	KWP

Anthocharis sara alaskensis	SE Alaska: Head of Lutak Bay, Chilkoot River mouth	21-May-03	KWP
Anthocharis sara alaskensis	SE Alaska: Lutak Road mi. 1.65	21-May-03	KWP
Colias philodice	Alaska Range: Fielding Lake access road mi. 0.7	05-Jul-03	KWP
LYCAENIDAE			
Everes amyntula	SE Alaska: Haines Highway mi. 20.7	18-May-03 - 19-May-03	KWP
Everes amyntula	Alaska Range: Parks Highway mi. 243.8	17-Jun-03	KWP
Celastrina ladon	SE Alaska: Haines Highway mi. 8.5	15-May-03 - 19-May-03	KWP
Celastrina ladon	SE Alaska: Haines Highway mi. 16	17-May-03 - 21-May-03	KWP
Celastrina ladon	SE Alaska: Haines Highway mi. 20.7	18-May-03 - 19-May-03	KWP
Celastrina ladon	SE Alaska: Haines Highway mi. 19.7	19-May-03	KWP
Celastrina ladon	Lake Iliamna region: Iliamna village	12-Jun-03	JXK
Plebejus saepiolus	Alaska Range: Fielding Lake access road mi. 0.7	05-Jul-03	KWP
Agriades megalos	SE Alaska: Haines Highway mi. 8.5	22-May-03 - 26-May-03	KWP
NYMPHALIDAE			
Polygonia satyrus	SE Alaska: Haines Highway mi. 8.5	15-May-03 - 18-May-03	KWP
Polygonia satyrus	SE Alaska: Haines Highway mi. 20.7	18-May-03 - 19-May-03	KWP
Polygonia satyrus	SE Alaska: Haines Highway mi. 8.5	15-Sep-03 - 16-Sep-03	KWP
Polygonia satyrus	SE Alaska: Near Sunshine Hill, Little Salmon River	16-Sep-03	KWP
Polygonia faunus	SE Alaska: Haines Highway mi. 8.5	15-May-03	KWP
Nymphalis vau-album range extension	Interior Alaska: Bonanza Creek Experimental Forest	31-Jul-02	JXK
Nymphalis vau-album common	Interior Alaska: Bonanza Creek Experimental Forest	06-Aug-03 - 28-Aug-03	KWP
Nymphalis vau-album	Interior Alaska: Chena Hot Springs Road mi 8.5	10-Aug-03	JXK
Nymphalis vau-album	Interior Alaska: South Camp Rd. off mi. 327.85 Parks Hwy.	19-Aug-03	KWP
Nymphalis antiopa	SE Alaska: Kelsall Road mi. 5.2	18-May-03	KWP
Nymphalis milberti	SE Alaska: Haines Highway mi. 37	10-May-03 - 19-May-03	KWP
Nymphalis milberti	SE Alaska: Haines Highway mi. 8.5	16-May-03	KWP
Nymphalis milberti	SE Alaska: Head of Lutak Bay, Chilkoot River mouth	21-May-03	KWP
Nymphalis milberti	Lake Iliamna region: Iliamna village	12-Jun-03	JXK
Boloria frigga	Lake Iliamna region: NW end of Lake Iliamna	11-Jun-03 - 15-Jun-03	JXK
Boloria polaris	S Alaska Range: Roadhouse Mountain, Lake Iliamna	13-Jun-03	JXK
Boloria polaris	Southcentral Alaska: Denali Highway mi. 12.4	05-Jul-03	KWP
Boloria chariclea	Lake Iliamna region: NW end of Lake Iliamna	11-Jun-03 - 15-Jun-03	JXK
Boloria chariclea	Alaska Range: Parks Highway mi. 243.8	17-Jun-03	KWP
Boloria chariclea	Southcentral Alaska: Denali Highway mi. 12.4	05-Jul-03	KWP
Limnitis arthemis	Southcentral Alaska: Denali Highway mi. 12.4	05-Jul-03	KWP
Coenonympha kodiak	Lake Iliamna region: NW end of Lake Iliamna	11-Jun-03 - 15-Jun-03	JXK
Coenonympha kodiak	Lake Iliamna region: Iliamna village	12-Jun-03	JXK
Coenonympha kodiak	Alaska Range: Parks Highway mi. 243.8	17-Jun-03	KWP
Coenonympha kodiak	Southcentral Alaska: Denali Highway mi. 12.4	05-Jul-03	KWP
Coenonympha kodiak	Alaska Range: Fielding Lake access road mi. 0.7	05-Jul-03	KWP
Erebia magdalena mackinleyensis	S Alaska Range: Roadhouse Mountain, Lake Iliamna	13-Jun-03	JXK
Erebia theano	Alaska Range: Parks Highway mi. 243.8	17-Jun-03	KWP
Erebia theano very common	Alaska Range: Fielding Lake access road mi. 0.7	05-Jul-03	KWP
Erebia youngi	S Alaska Range: Roadhouse Mountain, Lake Iliamna	12-Jun-03 - 13-Jun-03	JXK
Erebia youngi	Lake Iliamna region: 8.25 mi. N of Iliamna airport	16-Jun-03	JXK
Oeneis jutta	Lake Iliamna region: NW end of Lake Iliamna	11-Jun-03 - 15-Jun-03	JXK
Oeneis jutta	Lake Iliamna region: Iliamna village	12-Jun-03	JXK
Oeneis melissa	S Alaska Range: Roadhouse Mountain, Lake Iliamna	13-Jun-03	JXK
Oeneis melissa	Lake Iliamna region: 8.25 mi. N of Iliamna airport	16-Jun-03	JXK
Oeneis polixenes	Lake Iliamna region: NW end of Lake Iliamna	11-Jun-03 - 15-Jun-03	JXK
Oeneis polixenes	Lake Iliamna region: Iliamna village	12-Jun-03	JXK
Oeneis polixenes	Lake Iliamna region: 8.25 mi. N of Iliamna airport	16-Jun-03	JXK
Moths			
HEPIALIDAE			
Gazoryctra hyperboreus nr sp	Chugach Mts.: Crow Creek Pass trailhead	21-Jul-03	KWP
Gazoryctra hyperboreus nr sp	Kenai Peninsula: Resurrection River, near Seward	30-Jul-03	KWP
Gazoryctra hyperboreus nr sp	Talkeetna Mts.: Little Coal Creek trailhead, K'esugi Ridge	31-Jul-03	KWP
Gazoryctra novigannus	Tanana valley: Chena Ridge, nr. Fairbanks	15-Aug-03 - 19-Aug-03	KWP
PYRALIDAE			
Anania funebris glomeralis STATE RECORD	SE Alaska: Haines Highway mi. 8.5	22-Jun-03 - 26-Jun-03	KWP

THYATIRIDAE

Euthyatira pudens	SE Alaska: Haines Highway mi. 8.5	26-May-03	KWP
STATE RECORD			

GEOMETRIDAE

Epelis truncataria	Lake Iliamna region: NW corner Lake Ilimna	11-Jun-03	JXK
Lycia rachelae	Tanana valley: Chena Ridge, nr. Fairbanks	28-Apr-03	KWP
Rheumaptera hastata	Lake Iliamna region: NW corner Lake Ilimna	11-Jun-03	JXK
Mesoleuca gratulata	SE Alaska: Haines Highway mi. 16	19-May-03 - 20-May-03	KWP
STATE RECORD			
Mesoleuca gratulata	SE Alaska: Haines Highway mi. 19.7	19-May-03 - 19-May-03	KWP
STATE RECORD			
Mesoleuca gratulata	SE Alaska: Haines Highway mi. 20.3	19-May-03 - 19-May-03	KWP
STATE RECORD			
Mesoleuca gratulata	SE Alaska: Haines Highway mi. 20.1	19-May-03 - 19-May-03	KWP
STATE RECORD			

SPHINGIDAE

Smerinthus cerisyi	SE Alaska: Haines Highway mi. 8.5	16-May-03 - 26-May-03	KWP
common			
Hemaris diffinis	SE Alaska: Haines Highway mi. 8.5	18-May-03 - 20-May-03	KWP

NOTODONTIDAE

Gluphisia severa	SE Alaska: Haines Highway mi. 8.5	26-May-03	KWP
STATE RECORD			

ARCTIIDAE

Eilema bicolor	Interior Alaska: Nogahabara Sand Dunes, north of Galena	17-Jul-01 - 22-Jul-01	JXK
Eilema bicolor	Tanana valley: Chena Ridge, nr. Fairbanks	12-Jul-03 - 14-Jul-03	KWP

NOCTUIDAE

Syngrapha lula	Lake Iliamna region: NW corner Lake Ilimna	11-Jun-03	JXK
Sympistis melaleuca	Lake Iliamna region: NW corner Lake Ilimna	11-Jun-03	JXK
Sympistis melaleuca	Lake Iliamna region: Iliamna village	12-Jun-03	JXK
Pseudohermonassa flavotincta	Kenai Peninsula: Homer	23-Jul-03 - 28-Jul-03	KWP
range extension			
Pseudohermonassa flavotincta	Kenai Peninsula: Sterling	29-Jul-03	KWP
range extension			
Xestia imperita	Kenai Peninsula: Sterling	29-Jul-03	KWP
STATE RECORD			

Zone 2 Pacific Northwest Idaho, Oregon, Washington, British Columbia**Coordinator:** Jon H. Shepard**Contributors Cited:**

JKA : James K. Adams	SA : Sue Anderson	CB1 : Cara Benfield
JC1 : Janet Chu	VC : Vern Covlin	JF : John Fleckenstein
KAF : Kent A. Fothergill	NGK : Norbert G. Kondla	DVM : David V. McCorkle
EM : Eleanor McMillen	KEM : K. & E. McMillen	DM1 : Dave McNeese
GAP : Gary & Andrea Peters	RMP : Robert M. Pyle	RTP : Robert M. Pyle & Thea Pyle
TLP : Thea Pyle	HR : Harold Rice	DNR : Dana N. Ross
JSS : Jon & Sigrid Shepard	RKS : Ray & Kit Stanford	LT1 : Les Tanner
DTH : Daniel Thackaberry	DT : David Threatful	DT1 : Dave Trochlell
SV : Susan Vernon	ADW : Andrew D. Warren	WBA : Washington Butterfly Assoc.
Y/B : Wm Yake & Jeannette Barreca		

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

Pyrgus centaureae loki	Lillooet: Blue Creek, el. 6700-7200'	26-Jul-03 - 27-Jul-03	DT
Hesperia comma manitoba	Lillooet: Blue Creek, el. 6700-7200'	26-Jul-03 - 27-Jul-03	DT

PIERIDAE

Pontia occidentalis	Lillooet: Blue Creek, el. 6700-7200'	26-Jul-03 - 27-Jul-03	DT
Pieris marginalis reicheli	Lillooet: China Creek FSR @ Yalakon FSR 5600'	19-Jul-03	DT
Pieris rapae	Lillooet: China Creek FSR @ Yalakon FSR 5600'	19-Jul-03	DT
Pieris oleracea	Lillooet: China Creek FSR @ Yalakon FSR 5600'	19-Jul-03	DT

<i>Colias nastes streckeri</i>	Lillooet: Blue Creek, el. 6700-7200'	26-Jul-03 - 27-Jul-03	DT
LYCAENIDAE			
<i>Lycaena phlaeas arethusa</i>	Lillooet: Blue Creek, el. 6700-7200'	26-Jul-03 - 27-Jul-03	DT
<i>Lycaena cuprea henryae</i>	Lillooet: Blue Creek, el. 6700-7200'	26-Jul-03 - 27-Jul-03	DT
<i>Lycaena heteronea</i>	Lillooet: China Creek FSR @ Yalakon FSR 5600'	19-Jul-03	DT
<i>Plebejus acmon lutzi</i>	Lillooet: China Creek FSR @ Yalakon FSR 5600'	19-Jul-03	DT
<i>Agriades megalos</i>	Lillooet: Blue Creek, el. 6700-7200'	26-Jul-03 - 27-Jul-03	DT
NYMPHALIDAE			
<i>Nymphalis californica</i>	Lillooet: Blue Creek, el. 6700-7200'	26-Jul-03 - 27-Jul-03	DT
<i>Nymphalis milberti</i>	Lillooet: Blue Creek, el. 6700-7200'	26-Jul-03 - 27-Jul-03	DT
<i>Vanessa cardui</i>	Lillooet: China Creek FSR @ Yalakon FSR 5600'	19-Jul-03	DT
<i>Euptoieta claudia</i>	NORTH OKANAGAN: Bolters Creek, SW Vernon	13-Sep-03	DT
<i>Boloria selene atrocotalis</i>	Lillooet: China Creek FSR @ Yalakon FSR 5600'	19-Jul-03	DT
<i>Boloria astarte</i>	Lillooet: Blue Creek, el. 8000'	26-Jul-03 - 27-Jul-03	DT
<i>Boloria titania rainieri</i>	Lillooet: Blue Creek, el. 6700-7200'	26-Jul-03 - 27-Jul-03	DT
<i>Chlosyne whitneyi damoetas</i>	Lillooet: Blue Creek, el. 6700-7200'	26-Jul-03 - 27-Jul-03	DT
<i>Euphydryas chalcedona paradoxa</i>	Lillooet: Blue Creek, el. 6700-7200'	26-Jul-03 - 27-Jul-03	DT
<i>Oeneis chryxus</i>	Lillooet: Blue Creek, el. 6700-7200'	26-Jul-03 - 27-Jul-03	DT
<i>Oeneis melissa beanii</i>	Lillooet: Blue Creek, el. 6700-7200'	26-Jul-03 - 27-Jul-03	DT

IDAHO

Butterflies

HESPERIIDAE			
<i>Ochlodes sylvanoides</i> ssp	CLARK: 3-Mile Crk, FR 21/477, 64-8400'.	12-Aug-03 - 13-Aug-03	RKS
PAPILIONIDAE			
<i>Parnassius clodius</i>	CASSIA: Sublett Mts.	13-Jul-02	KAF
PIERIDAE			
<i>Neophasia menapia</i> ssp	CLARK: 3-Mile Crk, FR 21/477, 64-8400'.	12-Aug-03 - 13-Aug-03	RKS
<i>Pontia protodice</i>	CAMAS: Mormon Reservoir	03-Aug-02	KAF
<i>Pieris marginalis</i> ssp	CLARK: 3-Mile Crk, FR 21/477, 64-8400'.	12-Aug-03 - 13-Aug-03	RKS
<i>Pieris rapae</i>	CLARK: 3-Mile Crk, FR 21/477, 64-8400'.	12-Aug-03 - 13-Aug-03	RKS
<i>Colias alexandra edwardsii</i>	TETON: SR 31 at Pine Creek Rd, mp 16, 6400'	12-Aug-03 - 13-Aug-03	RKS
<i>Colias alexandra edwardsii</i>	MADISON: Lookout Mtn Cpgd, 6800', 4 mi E of Heise	12-Aug-03 - 13-Aug-03	RKS
LYCAENIDAE			
<i>Lycaena editha</i>	CAMAS: Soldier Creek, south fork	03-Aug-02	KAF
<i>Lycaena helloides</i>	CLARK: 3-Mile Crk, FR 21/477, 64-8400'.	12-Aug-03 - 13-Aug-03	RKS
<i>Satyrium saepium</i> ssp	TETON: SR 31 at Pine Creek Rd, mp 16, 6400'	12-Aug-03 - 13-Aug-03	RKS
<i>Satyrium saepium</i> ssp	FREMONT: Sawtell Peak Rd, FR 24, 65-8800'	12-Aug-03 - 13-Aug-03	RKS
<i>Satyrium saepium</i> ssp	CLARK: 3-Mile Crk, FR 21/477, 64-8400'.	12-Aug-03 - 13-Aug-03	RKS
<i>Strymon melinus</i>	JEROME: Shoshone Falls, north rim	11-Sep-02	KAF
<i>Brephidium exile</i>	JEROME: Shoshone Falls, north rim	11-Sep-02	KAF
<i>Plebejus acmon</i> ssp	CLARK: 3-Mile Crk, FR 21/477, 64-8400'.	12-Aug-03 - 13-Aug-03	RKS
NYMPHALIDAE			
<i>Polygonia satyrus</i>	FREMONT: Sawtell Peak Rd, FR 24, 65-8800'	12-Aug-03 - 13-Aug-03	RKS
<i>Polygonia satyrus</i>	CLARK: 3-Mile Crk, FR 21/477, 64-8400'.	12-Aug-03 - 13-Aug-03	RKS
<i>Nymphalis vau-album watsoni</i>	BONNEVILLE: Little Elk Creek, NFD Rd. 268, 9 mi E Palasades	08-Aug-01	ADW
<i>Nymphalis californica</i>	TWIN FALLS: Buhl	29-Jul-02	KAF
<i>Nymphalis californica</i>	CAMAS: Soldier Creek, south fork	03-Aug-02	KAF
<i>Nymphalis milberti</i>	JEFFERSON: Kelley Canyon, 8.5 mi E of Ririe	12-Aug-03 - 13-Aug-03	RKS
<i>Vanessa annabella</i>	Ada: Hwy. 21 bridge, north side	28-Oct-03	DT1
<i>Junonia coenia</i>	ADA: Hwy. 21 bridge, north side	28-Oct-03	DT1
<i>Euptoieta claudia</i>	CLARK: 3-Mile Crk, FR 21/477, 64-8400'.	12-Aug-03 - 13-Aug-03	RKS
<i>Euptoieta claudia</i>	JEFFERSON: Kelley Canyon, 8.5 mi E of Ririe	12-Aug-03 - 13-Aug-03	RKS
<i>Euptoieta claudia</i>	MADISON: Lookout Mtn Cpgd, 6800', 4 mi E of Heise	12-Aug-03 - 13-Aug-03	RKS
<i>Speyeria cybele leto</i>	CLARK: 3-Mile Crk, FR 21/477, 64-8400'.	12-Aug-03 - 13-Aug-03	RKS
<i>Speyeria coronis snyderi</i>	BONNEVILLE: SR 31 along Pine Creek, 11 mi NE of Swan Vy, 5280'	12-Aug-03 - 13-Aug-03	RKS
<i>Speyeria coronis snyderi</i>	CLARK: 3-Mile Crk, FR 21/477, 64-8400'.	12-Aug-03 - 13-Aug-03	RKS
<i>Speyeria coronis snyderi</i>	BONNER: Quartz Mtn Rd, 32-3500', 14 mi N of Priest River	12-Aug-03 - 13-Aug-03	RKS
<i>Speyeria coronis snyderi</i>	TETON: SR 31 at Pine Creek Rd, mp 16, 6400'	12-Aug-03 - 13-Aug-03	RKS

Speyeria egleis ssp	BONNER: Quartz Mtn Rd, 32-3500', 14 mi N of Priest River	12-Aug-03 - 13-Aug-03	RKS
Phyciodes myliitta ssp	Jefferson: Camas NWR	08-Sep-02	KAF
Phyciodes myliitta ssp	JEFFERSON: Kelley Canyon, 8.5 mi E of Ririe	12-Aug-03 - 13-Aug-03	RKS
Phyciodes myliitta ssp	FREMONT: Sawtell Peak Rd, FR 24, 65-8800'	12-Aug-03 - 13-Aug-03	RKS
Moths			
ARCTIIDAE			
Arctia caja	IDAHO: Hwy. 12, 6 mi. W. Lolo Pass	28-Jul-03	JKA
NOCTUIDAE			
Autographa metallica	IDAHO: Lochsa Lodge, Hwy. 12, 12 mi. W. Lolo Pass	28-Jul-03	JKA
Syngrapha orophila	IDAHO: Lochsa Lodge, Hwy. 12, 12 mi. W. Lolo Pass	28-Jul-03	JKA
Zosteropoda hirtipes	IDAHO: Hwy. 12, 6 mi. W. Lolo Pass	28-Jul-03	JKA
Xestia finatimis	IDAHO: Lochsa Lodge, Hwy. 12, 12 mi. W. Lolo Pass	28-Jul-03	JKA

OREGON

Butterflies

HESPERIIDAE

Thorybes pylades	HOOD RIVER: several sites	23-May-03	ADW
Thorybes pylades	LINN: H.J. Andrews Forest	01-Jun-03	ADW
Erynnis pacuvius	HOOD RIVER: Neal Creek	23-May-03	ADW
Heliopetes ericetorum	UNION: Catherine Creek	07-Jul-03	DTH
Hesperia lindseyi	LAKE: Bullard Cyn.	19-Jun-03	ADW
Polites sabuleti	Sherman: Deschutes River	24-Aug-03	DTH
2nd county record			
Atalopedes campestris	Sherman: Rufus	12-Sep-99	DTH
2nd county record			
Atalopedes campestris	TILLAMOOK: Tillamook (County Museum)	13-Aug-03 - 16-Aug-03	RMP
Atalopedes campestris	CLATSOP: Cannon Beach (Raintree Nursury)	24-Sep-03	RMP
Atalopedes campestris	COLUMBIA: County Fairgrounds, 3.5 mi SW of St. Helens.	27-Oct-03	RKS
final western OR county record for this recently arrived species			

PIERIDAE

Pontia protodice	DESCHUTES: Millican	09-Jun-03	ADW
Pontia protodice	Malheur: US 20 at Vale, 20 mi WSW of Ontario.	31-Jul-03	RKS
new from northern part of Malheur county			

LYCAENIDAE

Lycaena arota	Benton: Beazell Memorial Forest, Kings Valley	21-Jul-03	DNR
1st record in over 100 years!			
Lycaena rubida ssp	WALLOWA: FR 66 near Duck Lake, 6300'.	31-Jul-03	RKS
Atlides halesus	DOUGLAS: nr. Tiller	27-Jun-03	ADW
Atlides halesus	POLK: W Salem, Junction Glenn Cr/Eola Dr.	26-Jul-03	DM1
Atlides halesus	Polk: Airlie Winery, Dunn Forest Rd.	03-Sep-03	GAP
2nd county record			
Satyrium fuliginosum	UNION: Mt Emily	07-Jul-03	DTH
Satyrium sylvinum	MALHEUR: Leslie Gulch	21-Jun-02	DTH
Satyrium sylvinum	MALHEUR: US 20 at Vale, 20 mi WSW of Ontario.	31-Jul-03	RKS
ssp; northern part of Malheur County			
Callophrys rosneri plicataria	POLK: Rickreall Ridge (E ridge)	26-Jun-03	DVM
Callophrys polios	WHEELER: Hwy 207, N of Spray, 1/4 mi S county line.	16-May-03	DVM
Leptotes marina	JEFFERSON: Deschutes R., c. 4 mi. N mecca Flats	02-Jun-03	DM1
Everes comyntas	LAKE: Chewaucan River	17-Jun-03	DTH
Everes comyntas	UNION: Mt Emily	07-Jul-03	DTH
Euphilotes enoptes columbiae	WHEELER: 6-8 mi W Spray	13-May-03	ADW
Euphilotes enoptes columbiae	Hood River: several sites	23-May-03	ADW
confirmatory county record, all associated with E. compositum			
Glaucopteryx piasus	DOUGLAS: nr. town of Days Creek	14-Jun-03	ADW
Plebejus lupini	HARNEY: Burns	09-Jun-03	ADW

RIODINIDAE

Apodemia mormo	GRANT: John Day Fossil Beds N.M., Sheep Rock Unit	29-Aug-03	SA
----------------	---	-----------	----

NYMPHALIDAE

Nymphalis californica	SHERMAN: N of Sherar's Falls	02-May-03	ADW
Junonia coenia	GRANT: John Day River, Cathedral Rock	23-Sep-03	SA
Junonia coenia	MALHEUR: Map Coordinates 43/39/24N, 117/15/24W	14-Oct-03	LT1

Euptoieta claudia STATE RECORD	DESCHUTES: 3 Creeks Meadow	19-Jul-03	CB1
Speyeria atlantis dodgei	MULTNOMAH: Larch Mtn. Rd.	16-Jun-03	VC
Phyciodes pallidus barnesi	Wheeler: John Day Fossil Beds N.M., Clarno Unit	20-May-03	SA
Phyciodes pallidus barnesi	GRANT: John Day Fossil Beds N.M., Sheep Rock Unit	04-Jun-03	SA
Euphydryas gillettii STATE RECORD	WALLOWA: Hat Point vic., Hells Cyn Nat Rec Area	07-Jul-03	HR
Euphydryas editha mattooni high for ssp, not bingi phenotype	Lake: Light Peak, summit 8000'	20-Jun-03	ADW
Limnitis archippus	JEFFERSON: Deschutes R., c. 4 mi. N mecca Flats	02-Jun-03	DM1

WASHINGTON

Butterflies

HESPERIIDAE

Epargyreus clarus californicus	Wahkiakum: Brookfield	10-Jul-03	RTP
Epargyreus clarus californicus	PACIFIC: Salme Hill, SW side	13-Jul-03	RMP
Thorybes pylades	OKANOGAN: Conners Lake dam, S	04-Jun-03	NGK
Erynnis propertius	San Juan: Young Hill, British Camp, SJINHP	22-May-02	WBA
Erynnis propertius	San Juan: Young Hill, British Camp, SJINHP	07-May-03	RTP
Erynnis persius	GRAYS HARBOR: Chickamin Creek headwaters of south fork	17-Aug-03	Y/B
Pyrgus ruralis	San Juan: Cattle Point, east meadow	17-Apr-00	SV
Pyrgus ruralis	San Juan: West Side Road	22-May-02	WBA
Pyrgus ruralis	San Juan: American Camp, pinewoods NE of entrance	08-May-03	RTP
Pyrgus ruralis	San Juan: Roberts's Redoubt, NE corner	08-May-03	RTP
Hesperia comma hulbirti	GRAYS HARBOR: Discovery Lake, 3850'	17-Aug-03	Y/B
Polites sonora siris	Wahkiakum: Salme Hill	10-Jul-03	RTP
Euphyes vestris	Pacific: Salme Hill, SW side	13-Jul-03	RMP

PAPILIONIDAE

Papilio oregonius 2000' above and north of other county records	Whitman: Kamiak Butte	27-Jun-02	JSS
Papilio zelicaon	COWLITZ : Coal Creek Slough	23-May-03	RMP
Papilio rutulus	San Juan: West Side Road	22-May-02	WBA
Papilio rutulus	San Juan: Young Hill, British Camp, SJINHP	24-Jun-03	RTP
Papilio eurymedon	San Juan: West Side Road	22-May-02	WBA
Papilio eurymedon	San Juan: Young Hill, British Camp, SJINHP	24-Jun-03	RTP

LYCAENIDAE

Lycaena mariposa	GRAYS HARBOR: Discovery Lake, 3850'	04-Aug-03	Y/B
Satyrion sylvinum ssp	ADAMS: US 395 at SW end of Sprague Lake.	10-Aug-03	RKS
Satyrion sylvinum nootka	COWLITZ: Coldwater Lake trail, mi. 2	27-Jul-03	Y/B
Satyrion sylvinum nootka	GRAYS HARBOR: Discovery Lake, 3850'	29-Aug-03	Y/B
Callophrys fotis mossii	San Juan: Young Hill, British Camp, SJINHP	07-May-03	RTP
Callophrys eryphon sheltonensis	San Juan: American Camp, pinewoods NE of entrance	08-May-03	RTP
Strymon melinus	San Juan: Cattle Point, blockhouse	29-Aug-98	SV
Strymon melinus	San Juan: Lighthouse Trail, San Juan Island	29-Aug-98	SV
Everes amyntula	San Juan: West Side Road	22-May-02	WBA
Everes amyntula	San Juan: South Beach Rd.	06-May-03	RTP
Euphilotes enoptes columbiae 2000' above and north of other county records	Whitman: Kamiak Butte	27-Jun-02	JSS
Euphilotes enoptes columbiae	SKAMANIA: Hwy. 14 @ base Dog Mt.	22-May-03	ADW
Glaucopsyche lygdamus columbia	San Juan: Zylstra L., W	17-May-02	Y/B
Glaucopsyche lygdamus columbia	San Juan: Cattle Point, pinewoods west	05-May-03	RTP
Glaucopsyche lygdamus columbia	San Juan: Lighthouse Trail, San Juan Island	06-May-03	RTP
Plebejus icarioides blackmorei	Grays Harbor: Discovery Lake, 3850'	04-Aug-03	Y/B

NYMPHALIDAE

Polygonia oreas	San Juan: Young Hill, British Camp, SJINHP	22-May-02	WBA
Nymphalis californica	San Juan: Cattle Point	29-Sep-03	KEM
Nymphalis antiopa	San Juan: Redoubt, SW on trail at cove	06-May-03	RMP
Vanessa virginiensis	SAN JUAN: Cattle Point	25-Sep-03	KEM
Vanessa virginiensis	SAN JUAN: Cattle Point NRCAjnr. Lighthouse	25-Sep-03	EM
Vanessa virginiensis	San Juan: Cattle Point	28-Sep-03	KEM
Vanessa cardui	San Juan: Cattle Point	09-Aug-98	SV
Vanessa cardui	San Juan: Robert's Redoubt SJINHP	23-Jun-03	RMP
Vanessa annabella	San Juan: Cattle Point, lighthouse trail	09-Aug-98	SV
Vanessa annabella	San Juan: American Camp, Pickett's Lane	23-Jun-03	RMP
Vanessa atalanta	San Juan: Cattle Point	15-Sep-98	SV

Vanessa atalanta	San Juan: Young Hill, British Camp, SJINHP	22-May-02	WBA
Speyeria zerene bremnerii	San Juan: American Camp, above N. end South Beach	19-Aug-03	JC1
Boloria bellona toddi	PEND ORIELLE: SR 20, 5 mi NW of Newport, at railroad crossing.	11-Aug-03	RKS
Boloria epithore	San Juan: Cattle Point	06-Jun-03	KEM
Boloria epithore	San Juan: Cattle Point	23-Jun-03	TLP
Boloria titania rainieri	GRAYS HARBOR: Discovery Lake, 3850'	04-Aug-03	Y/B
Coenonympha ampelos insulana	San Juan: American Camp	31-Jul-97	JF
Oeneis chryxus	Pend Oreille: Sullivan Lookout	22-Jul-03	RMP
Danaus plexippus	SAN JUAN: Friday Harbor	20-Jul-03	RKS

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

Coordinator: Ken Davenport

Contributors Cited:

A/A : James & Eleanor Adams	JKA : James K. Adams	DA1 : Douglas Aguillard
VXA : Valeriu Albu	EDB : Ed D. Ballard	RAB : Robert A. Behrstock
WB : William Bouton	BRB : Bruce & Bret Boyd	JPB : James P. Brock
PHB : Priscilla & Hank Brodtkin	C/T : T. Carr & J. Tuttle	LEC : Laurence E. Crabtree
D/H : Wanda Dameron & Fred Heath	KD : Ken Davenport	TED : Thomas E. Dimock
JFE : John F. Emmel	RE : Randy Emmitt	BG : Bill Gendron
FH : Fred Heath	RH : Rich Hoyer	PGJ : Paul G. Johnson II
PMJ : Peter M. Jump	MWK : Michael W. Klein	NL : Nick Lethaby
L/R : Ron Leuschner & Kelly Richers	RHL : Ron H. Leuschner	JNL : Jack Levy
JM2 : John MacGregor	JRM : James R. Mori	JAP : Jerry A. Powell
KMR : Kelly M. Richers	JS3 : John Saba	MS4 : Mary Shepherd
MJS : Michael J. Smith	DHS : Dennis Sorg	RKS : Ray & Kit Stanford
SLS : Bob & Susan Steele	WLS : William L. Swisher	JPT : James P. Tuttle
RSW : Ronald S. Wielgus		

General Comments:

Kelly Richers compiled the moth data and offers the following comments. Ron Wielgus did major collecting in Del Norte and Humboldt counties, Valeriu Albu has moved to Fresno and is collecting the west slope of the Sierra Nevada mountains, Paul Johnson is starting on San Benito County, and the usual contributors had some very good records. Kelly Richers compiled the moth report for the zone and indicated that there were so many submissions that only county records for California were considered. The moth data base for Nevada is just beginning so what constitutes a county record for that state is not known fully. This will get more complete in future years as I do some research.

ARIZONA

A much better year than the previous year with more adequate rainfall. A good year for many migrant species from Mexico with many reporting *Anteos chlorinde*, *Phoebis agarithe* and *Kricogonia lyside* from southeast Arizona. Five new COUNTY records for butterflies were reported. Some data for even "common" species can be of interest and other records may have taxonomic implications or alert researchers to areas of interest.

Butterflies

PAPILIONIDAE

<i>Papilio polyxenes coloro</i>	Mohave: Burro Creek Cpgd Rd, 8 mi S of Wikieup on Hwy 93	21-Mar-03 - 22-Mar-03	C/T
3-5 instar larvae on <i>Thamnosma montana</i> ; reared adults emerged in late April - early May			

PIERIDAE

<i>Pieris marginalis</i>	MOHAVE: Kanab Creek W of Fredonia, on county line	18-Apr-03	RKS
<i>Pieris rapae</i>	Mohave: Kanab Creek W of Fredonia, on county line	18-Apr-03	RKS
uncommon in this region			
<i>Euchloe hyantis lotta</i>	COCONINO: Kanab Creek W of Fredonia, on county line	18-Apr-03	RKS
<i>Anthocharis sara inghami</i>	Pinal: Devils Canyon, Campground site, US 60, 4200'	12-Apr-03	RKS
two "sara" subspecies at same site & same date			
<i>Anthocharis thoosa</i>	Pinal: Devils Canyon, Campground site, US 60, 4200'	12-Apr-03	RKS
evidence that sara and thoosa are separate species			
<i>Anteos clorinde nivifera</i>	Cochise: Garden Canyon, Huachuca Mtns	20-Sep-03	PHB
migratory species from Mexico appearing in the region this year			
<i>Anteos clorinde nivifera</i>	Pima: Montosa Canyon	20-Oct-03	RH
<i>Anteos clorinde nivifera</i>	Santa Cruz: Pena Blanca Lake	09-Nov-03	JS3
<i>Anteos clorinde nivifera</i>	Cochise: Hereford	19-Dec-03 - 21-Dec-03	RAB
latter day at Coronado NM, unusually late in the season			
<i>Phoebis philea</i>	Cochise: Garden Canyon, Huachuca Mtns	20-Sep-03	PHB
<i>Kricogonia lyside</i>	Santa Cruz: Pena Blanca Lake	05-Dec-03	JS3
having good flight this year			

Kricogonia lyside	Pima: Saguaro NP, beginning Kings Cyn Trail	06-Dec-03	JS3
Eurema boisduvalianum	GRAHAM: Arcadia Campground, Pinaleno Mtns	28-Jun-03	JPB
Eurema boisduvalianum	GRAHAM: Arcadia cpgd, Pinaleno Mountains	28-Jun-03	JPB
LYCAENIDAE			
Leptotes marina	Coconino: Kanab Creek W of Fredonia, on county line	18-Apr-03	RKS
Euphilotes bernardino	Gila: SR 77 @ Dripping Spring Rd, 14 mi N of Winkelman	12-Apr-03	RKS
NYMPHALIDAE			
Polygonia interrogationis	Santa Cruz: Pena Blanca Lake	09-Nov-03	JS3
Polygonia satyrus	Pinal: Devils Canyon Campground site, US 60, 4200'	12-Apr-03	RKS
Nymphalis californica	PINAL: Devil's Canyon Campground site, US 60, 4200'	12-Apr-03	RKS
Nymphalis milberti subpallida	MOHAVE: Kanab Creek W of Fredonia, on county line	18-Apr-03	RKS
Vanessa atalanta rubria	Mohave: Kanab Creek W of Fredonia, on county line	18-Apr-03	RKS
little known from this county and at high elevation			
Vanessa atalanta rubria	Mohave: Hualapai Mtns @ wet spot in lower canyon	29-Sep-03	KD
Junonia nigrosuffusa	Coconino: Lockett Lakes, 9000', San Francisco Peaks	15-Jul-03	KD
little known from this county and at high elevation			
Phyciodes mylitta arizonensis	Mohave: Kanab Creek W of Fredonia, on county line	18-Apr-03	RKS
records from Hualapai Mtns in 1988 for Mohave County			
Thessalia fulvia	Mohave: Hualapai Mtns, lower canyons	30-Sep-03	KD
scarce in this range, unusual fall flight			
Euphydryas chalcedona klotsi	Mohave: Hualapai Mtns, lower canyons	29-Sep-03	KD
usual fall flight and very rare in this range			
Mestra amymone	Santa Cruz: Pena Blanca Lake	09-Nov-03	JS3
rare stray in Arizona			
Anaea troglodyta aidea	Santa Cruz: Pena Blanca Lake	09-Nov-03 - 05-Dec-03	JS3
transient occurrence in the state			

Moths

SATURNIIDAE

Sphingicampa hubbardi	Pima: backyard, 1 mi S of Sabino Canyon, Catalina Mtns	14-Oct-03	JPB
larva on Lysiloma microphylla, a new host			
Sphingicampa montana	Pima: Brown Canyon, Baboquivari Mountains	04-Sep-03	JPT
5th instar larva on Mimosa biuncifera by Carl A. Olsen; first confirmation of a U.S. host plant			
Anisota oslari	Santa Cruz: Pena Blanca Canyon	23-Aug-03	JPT
an adult population explosion; hundreds of adults observed pairing and countless diurnal males seeking mates			
Hemileuca hualapai	Santa Cruz: Red Rock Canyon	09-Aug-03	JPB
larval mass on Bouteloua curtipendula; most previous records reported simply as grasses, rather than a specific host			

CALIFORNIA

A much better year in general following a severe year of drought. There were much better reports from San Diego County in the Colorado Desert Anza Borrego State Park following summer rains: the coastal mountains saw a great year for *Lycaena hermes* in June and July. Fall wildfires may have devastated many of the *L. hermes* populations and this will warrant further observations. Good flights for *Chlosyne californica* in the deserts, *Phoebis sennae* in coastal southern California and unusual appearances of *Danaus gilippus* beyond the usual range were noteworthy. There were 19 new COUNTY records reported from the state, one a significant range extension into the Sierra of a very rare subspecies of restricted range. Several important records from past years which represent new COUNTY records or significant to taxonomic studies are included in the summary.

Butterflies

HESPERIIDAE

<i>Thorybes pylades</i> indistinctus	MONO: Little Antelope Canyon	14-Jun-96	BRB
<i>Thorybes pylades</i> indistinctus	Mono: Summers Canyon	07-Jul-96	BRB
2nd locality for county			
<i>Erynnis icelus</i>	MONO: Little Antelope Canyon	14-Jun-96	BRB
<i>Erynnis icelus</i>	Mono: Mill Creek Canyon	15-Jun-96	BRB
2nd locality for county			
<i>Erynnis propertius</i>	Tulare: Kern Canyon, entrance to Sequoia NF	01-Feb-03	KD
EARLY			
<i>Erynnis tristis</i>	Fresno: Hwy 168 14 mi NW of Shaver Lake, S. Auberry	12-Sep-03	KD
few records for this region			
<i>Pholisora catullus</i>	Kern: Sageland, Kelso Valley	06-Mar-03	KD
EARLY			
<i>Hesperopsis libya</i>	Lassen: NW shoulder of Turtle Mtn	14-Jul-03	JNL
few records for this region			
<i>Hesperia columbia</i>	Tulare: Brush Creek Heliport, Sherman Pass Rd 4300'	28-Oct-03	KD
LATE, and within area burned in 2002			
<i>Hesperia lindseyi macneilli</i>	Marin: Pan Toll Ranger Station	12-Jul-03	JFE
<i>Hesperia miriamae</i>	Tuolumne: Virginia Peak, 8 mi NW of Saddlebag Lake	03-Aug-03	SLS
<i>Poanes melane</i>	Fresno: Hwy 168, 14 mi NW of Shaver Lake, S. of Auberry	12-Sep-03	KD
first actual captures for this county			
<i>Lerodea eufala</i>	SAN BENITO: Pinnacles Nat'l Monument	12-Sep-01	PGJ

PAPILIONIDAE

Parnassius clodius baldur new SOUTH record for Sierra on Kern Plateau, KD collected 5 vouchers on 5 July	Tulare: Poison Meadow, 4 mi N of Big Meadow	04-Jul-03	FH
Papilio zelicaon EARLY	Ventura: Fillmore	01-Jan-03	MS4
Papilio indra phyllisae few records for Inyo County, first for this locality	Inyo: Nine Mile Canyon, 1.5 miles E of county line	19-Apr-03	KD
Papilio cresphontes EARLY	San Diego: National City	24-Jan-03	DA1
Papilio cresphontes	SANTA BARBARA: Stowe House, Santa Barbara City Park	18-Aug-03	D/H

PIERIDAE

Pontia beckerii few records for this county, first for this locality	Tulare: Kern River Canyon, entrance to Sequoia NF	05-Jul-03	KD
Pieris rapae EARLY	Los Angeles: Pasadena	01-Jan-03	JM2
Euchloe hyantis sympatric with "lotta"	INYO: Nine Mile Canyon, 1.5 mi. E of county line	21-Mar-03 - 28-Mar-03	KD
Euchloe hyantis sympatric with "lotta"	TULARE: Lamont Meadows, Chimney Peak Rd	19-Apr-03 - 27-Apr-03	KD
Euchloe hyantis lotta much more common than "hyantis"	Inyo: Nine Mile Canyon, 1.5 miles E of county line	28-Mar-03 - 19-Apr-03	KD
Euchloe hyantis lotta confirms "lotta" in Tulare County; found with "hyantis"	TULARE: Lamont Meadows, Chimney Peak Rd	19-Apr-03 - 27-Apr-03	KD
Anthocharis cethura morrisoni EARLY, abundant at 2700' in Sierras	Tulare: Kern River Canyon, entrance to Sequoia NF	01-Feb-03	KD
Anthocharis cethura morrisoni	Kern: Hill E of Lake Isabella just S of Kernville	01-Feb-03	KD
Anthocharis cethura morrisoni confirms earlier county records	Fresno: Panoche Hills	07-Mar-03 - 08-Apr-03	WLS
Anthocharis cethura hadromarmorata	Mono: Wild Horse Creek hillside, 5750', NW of Oasis	07-Mar-03	WLS
Anthocharis sara new for E side of Sierra	INYO: Nine Mile Canyon, 1.5 miles E of county line	21-Mar-03 - 18-May-03	KD
Anthocharis stella	MONO: Below Anna Lake, E side of Sierra	16-Jul-74	JRM
Anthocharis stella sympatric with white forms of "sara"	Mono: Green Canyon	10-Jun-96 - 06-Jul-96	BRB
Anthocharis stella sympatric with white forms of "sara"	Mono: Antelope Canyon, E side of Sierra	14-Jun-96	BRB
Anthocharis stella SOUTH for east side of Sierra	Mono: Minaret Summit, Mammoth Lakes	14-Jul-00	BG
Anthocharis stella SOUTH range extension for Sierra	FRESNO: Above Huntington Lake, W side of Sierra	08-Jul-02	RE
Colias behrii	Tuolumne: Virginia Peak, 8 mi NW of Saddlebag Lake	03-Aug-03	SLS
Colias harfordii LATE	Santa Barbara: Upper Santa Ynez River	22-Dec-03	NL
Zerene eurydice EARLY	San Luis Obispo: Las Pilitas	04-Jan-03	WB
Phoebis sennae marcellina EARLY	San Diego: National City	02-Jan-03	DA1

LYCAENIDAE

Lycaena arota larva on Ribes californicus, adult em 9 May	KINGS: Willow Springs Cyn 12.5 airline km SW Avenal	26-Mar-03	JAP
Lycaena xanthoides very scarce east side of Sierra and in this county	Inyo: Olancho Pass Trl above Sage Flat, E of Sierra	21-May-03	JFE
Lycaena heteronea clara NORTH range extension into the Sierra Nevada. Several males collected	TULARE: Pine Flat @ S end of Kern Plateau, sagebrush hills	05-Jul-03	KD
Lycaena hermes EARLY	San Diego: Crestridge Ecological Reserve E of El Cajon	16-May-03	MWK
Atlides halesus estesi few records for this region	San Benito: Pinnacles Nat'l Monument	24-Feb-02	PGJ
Chlorostrymon simaethis sarita many adults and larvae in yard on cultivated Cardiospermum on several dates	Riverside: Hemet	05-Aug-03 - 22-Nov-03	JFE
Callophrys dumetorum perplexa EARLY	Tulare: Kern River Cyn, entrance to Sequoia NF	01-Feb-03	KD
Callophrys comstocki interrupta important WEST range extension, nearly to base of Sierra	Mono: above Hot Creek, 0.5 to 1 mi E. of Hot Springs	31-May-03	MJS
Callophrys sheridanii unknown how related to lemberti or comstoski	Placer: Martis Creek Wildlife area, at Nevada Co line	14-Jun-03	KD
Leptotes marina EARLY	Los Angeles: Pasadena	01-Jan-03	JM2

Leptotes marina 2nd county record	San Benito: Pinnacles Nat'l Monument	16-Sep-03	PGJ
Everes comyntas sissona 2nd county record	Madera: S. of Madera along stream off Hwy 99	11-Jun-03	KD
Everes comyntas sissona common	FRESNO: Lost Lake Park along San Joaquin River	12-Sep-03	KD
Celastrina ladon echo EARLY	Los Angeles: Mt Baldy area, San Gabriel Mtns	05-Jan-03	BG
Philotes sonorensis	San Benito: Pinnacles Nat'l Monument	12-Apr-02	PGJ
Philotes sonorensis common in Sierran Cyn with sagebrush	Kern: Chimney Peak Rd 3.7 mi N of Hwy 178	21-Mar-03 - 28-Mar-03	KD
Euphilotes enoptes tildeni sympatric with next species on several dates	Inyo: Nine Mile Canyon, lower canyon	28-Mar-03 - 19-Apr-03	KD
Euphilotes mojave	Inyo: Nine Mile Canyon, lower canyon	04-Apr-03 - 27-Apr-03	KD
Glaucoopsyche piasus EARLY	Tulare: Kern River Cyn, Fairview Campground	28-Feb-02	KD
Glaucoopsyche lygdamus australis EARLY	San Diego: Otay Mountain	04-Feb-03	DA1
Plebejus acmon EARLY	Orange: San Juan Capistrano	07-Jan-03	MWK
Agriades cassiope collection record before described as subspecies	Mono: Virginia Lakes: Red Lake, 10,000'	30-Jul-93	JFE
Agriades cassiope	TUOLUMNE: Near Virginia Peak	03-Aug-03	SLS
RIODINIDAE			
Apodemia mormo tuolumnensis EARLY	Kern: Mt. Pinos-McGill Camp and E of Frazier Park	12-Jul-03	KD
Apodemia mormo davenporti few records for this county	Inyo: Nine Mile Canyon, 1.5 mi E of county line.	18-May-03	KD
Apodemia deserti replaced by "davenporti" a few miles W at higher elevation	INYO: Nine Mile Canyon, lower canyon nr deserts edge	28-Mar-03 - 18-May-03	KD
NYMPHALIDAE			
Libytheana carinenta streckeri	Inyo: Haiwee Reservoir	25-Oct-03	SLS
Libytheana carinenta streckeri very rare stray to the Sierra	TULARE: Kern River Canyon, Chico Flat	28-Oct-03	KD
Nymphalis californica EARLY	Ventura: Sandstone Peak area, Boney Mtn	05-Jan-03	TED
Nymphalis milberti subpallida EARLY	Tulare: Kern River Canyon, Limestone cpqd	19-Jan-03	KD
Speyeria cybele eileenae one female	Humbolt: Schoolhouse Peak, Redwood NP	30-Jul-03	JFE
Speyeria nokomis apacheana SOUTH for E slope of Sierra since extirpation of colony at Independence	Inyo: Big Pine Creek at 8500'	07-Sep-03	JFE
Speyeria nokomis apacheana LATE	Mono: Mono Lake, north side	12-Oct-03	SLS
Speyeria callippe rupestris silvered individual among normally unsilvered ssp taken at high elevation	Tulare: 0.5 mi W of Big Meadow nr Kings Cyn NP	28-Jun-03	KD
Speyeria atlantis irene	MONO: Anna Lake E side of Sierra	16-Jul-74	JRM
Phyciodes orseis herlani EARLY, unpublished locality	Mono: Green Canyon, E side of Sierra	10-Jun-03	BRB
Chlosyne neumoegeni E	Kern: Short Canyon south of Weldon	22-Feb-03	SLS
Chlosyne californica just outside San Bernardino County line	LOS ANGELES: San Antonio Canyon nr Mt Baldy	09-Oct-03	BG
Thessalia leanira very rare in this region	San Benito: Pinnacles Nat'l Monument	25-Apr-02	PGJ
Euphydryas chalcedona nr nominate ssp; subspecies olancha found further north	INYO: Nine Mile Canyon, 1.5 mi E of county line	18-May-03	KD
Euphydryas chalcedona quino E	San Diego: Sweetwater NWR nr Spring Valley	28-Jan-03	MWK
Limenitis lorquini larvae on Ceanothus interrimus, NOT Salicaceae or Roseaceae as expected	Butte: Cherry Hill Campground	02-Aug-03	JFE
Adelpha bredowii californica rare stray in desert away from Sierras	Kern: Ridgecrest, Mojave Desert	02-Oct-03	SLS
Danaus gilippus thersippus unusual record from high elevation E side of Sierra	Mono: Minaret Summit, Starkweather Trail, 9000'	14-Aug-99	BG
Danaus gilippus thersippus two in Sierra foothills	FRESNO: Hwy 168, 14 mi NW of Shaver Lake, S of Auberry	12-Sep-03	KD
Danaus gilippus thersippus	Santa Barbara: Coal Oil Point Reserve nr Santa Barbara	25-Sep-03	NL

Moths**HEPIALIDAE**

Gazoryctra mathewi	HUMBOLDT: Board Camp Mtn, 6 R NF	25-Sep-03	RSW
STATE RECORD			
Hepialus behrensi	HUMBOLDT: Board Cmp Mtn, 6 R NF FR 4N38 1 mi W FR 1	23-Jul-03	RSW

INCURVARIIDAE

Adela flammeusella	KINGS: 10 mi SW Avenal	06-Apr-03	JAP
--------------------	------------------------	-----------	-----

TINEIDAE

Amydria onagella occidentella	SAN LUIS OBISPO: Carrizo Plains NM, Cyn 4 mi NW Traver Ranch	24-May-03	RHL
Tinea pellionella	SAN LUIS OBISPO: Carrizo Plains NM, Cyn 4 mi NW Traver Ranch	24-May-03	RHL

OECOPHORIDAE

Cameraria sempervirensella	KINGS: Willow Springs Cyn, 7 mi SW Avenal, Hwy 33	25-Apr-03	JAP
Agonopterix arnicella	KERN: Old Kern Cyn Rd	24-Jun-03	KMR
Semioscopis packardella	HUMBOLDT: Kneeland, 69 Prairie Ln	12-May-03	RSW
Inga ciliella	KERN: Old Kern Cyn Rd	24-Jun-03	KMR

BLASTOBASIDAE

Oegoconia quadripuncta	FRESNO: Fresno	25-Aug-03	VXA
------------------------	----------------	-----------	-----

COSMOPTERIGIDAE

Anoncia conia	SAN LUIS OBISPO: Carrizo Plains NM, Cyn 4 mi NW Traver Ranch	24-May-03	RHL
Anoncia noscres	SAN LUIS OBISPO: Carrizo Plains NM, Cyn 4 mi NW Traver Ranch	24-May-03	L/R
Stilbosis dulcedo mines on Q. berberidifolia	KINGS: Willow Springs Cyn, 7 mi SW Avenal, Hwy 33	19-May-03	JAP

GELECHIIDAE

Lita pagella	FRESNO: Kaiser Pass	18-Jul-03	VXA
Filatima aulaea on Ribes californicus, emergence date	KINGS: Willow Springs Cyn, 7 mi SW Avenal, Hwy 33	24-Aug-03	JAP
Aroga morenella	SAN LUIS OBISPO: Carrizo Plains NM, Cyn 4 mi NW Traver Ranch	24-May-03	RHL
Aroga paulella	FRESNO: Kaiser Pass	21-Jun-03	VXA
Syncopacma metadesma	TULARE: Mineral King	05-Jul-03	VXA

ALUCITIDAE

Alucita hexadactyla	MADERA: Oakhurst	14-May-03	RHL
---------------------	------------------	-----------	-----

PLUTELLIDAE

Araeolepia subfasciella	MONO: June Lake	07-Jun-03	VXA
Eucератia castella	MARIPOSA: Yosemite West	09-Jul-03	VXA
Eucератia securella	MONO: June Lake	07-Jun-03	VXA
Plutella interrupta	MARIPOSA: El Portal	24-May-03	VXA
Plutella poulella	FRESNO: Kaiser Pass	21-Jun-03	VXA
Ypsolopha angelicella	SAN LUIS OBISPO: Carrizo Plains NM, Cyn 4 mi NW Traver Ranch	24-May-03	RHL
Ypsolopha cervella	MONO: June Lake	07-Jun-03	VXA
Ypsolopha cervella	MARIPOSA: Yosemite West	09-Jul-03	VXA
Ypsolopha striatella	SAN LUIS OBISPO: Carrizo Plains NM, Cyn 4 mi NW Traver Ranch	24-May-03	RHL
Ypsolopha vintrella	SAN LUIS OBISPO: Carrizo Plains NM, Cyn 4 mi NW Traver Ranch	24-May-03	RHL

CHOREUTIDAE

Prochoreutis sororculella	MADERA: Trail NE of Oakhurst	26-May-03	VXA
---------------------------	------------------------------	-----------	-----

COSSIDAE

Prionoxystus robiniae	SAN BENITO: Pinnacles NM	28-May-03	PGJ
Miacora perplexa	SAN BENITO: Pinnacles NM	10-Jul-03	PGJ

TORTRICIDAE

Rhyacionia zozana	LOS ANGELES: Buckhorn Flats	28-Jun-03	KMR
Rhyacionia zozana	MARIPOSA: Yosemite West	09-Jul-03	VXA
Phaneta apacheana	SAN MATEO: Montara	24-Jun-03	VXA
Eucosma bolanderana	SAN LUIS OBISPO: Cyn 4 mi NW Traver Ranch, Carrizo Plains NM	24-May-03	KMR
Eucosma galenapunctana	MARIPOSA: Yosemite West	09-Jul-03	VXA
Cydia latiferreanus	MARIPOSA: Yosemite West	09-Jul-03	VXA
Acleris santacruis	SAN MATEO: Montara	24-Jun-03	VXA
Decodes fragarianus on Q. berberidifolia, emergence date	KINGS: Willow Springs Cyn, 7 mi SW Avenal, Hwy 33	12-Sep-03	JAP
Decodes asaphodes on Ribes californicus, emergence date	KINGS: Willow Springs Cyn, 7 mi SW Avenal, Hwy 33	30-Aug-03	JAP
Acroplectis haemanthes	SAN LUIS OBISPO: Carrizo Plains NM, Cyn 4 mi NW Traver Ranch	24-May-03	RHL
Choristoneura lambertiana subretinaria	SAN LUIS OBISPO: Carrizo Plains NM, Cyn 4 mi NW Traver Ranch	24-May-03	RHL
Archips argyrospila	SAN LUIS OBISPO: Carrizo Plains NM, Cyn 4 mi NW Traver Ranch	24-May-03	RHL

PYRALIDAE

Achyra occidentalis	KINGS: Willow Springs Cyn, 7 mi SW Avenal, Hwy 33	26-Mar-03	JAP
---------------------	---	-----------	-----

<i>Uresiphita reversalis</i>	NEVADA: Grass Valley area	22-Oct-03	DHS
larva on <i>Cystitis scoparius</i> , emergence date			
<i>Pyrausta zonalis</i>	SAN LUIS OBISPO: Carrizo Plains MN, Cyn 4 mi NW Traver Ranch	24-May-03	KMR
<i>Pyrausta volupialis</i>	RIVERSIDE: Pinyon Crest	22-Sep-03	RHL
seems to be expanding territory			
<i>Udea profundalis</i>	KINGS: 10 mi SW Avenal	06-Apr-03	JAP
<i>Mimorista trimaculalis</i>	MARIPOSA: Yosemite West	09-Jul-03	VXA
<i>Xantippe beatifica</i>	LOS ANGELES: Buckhorn Flats	28-Jun-03	KMR
<i>Dasypyga alternosquamella</i>	LOS ANGELES: Buckhorn Flats	28-Jun-03	KMR
<i>Pima granitella</i>	SAN LUIS OBISPO: Carrizo Plains NM, Cyn 4 mi NW Traver Ranch	24-May-03	RHL
<i>Ambesa lallatalis</i>	SAN LUIS OBISPO: Cyn 4 mi NW Traver Ranch, Carrizo Plains NM	24-May-03	KMR
<i>Phobus curvatellus</i>	SISKIYOU: 1 mi S Weed	29-Jul-03	L/R
<i>Pyla fusca</i>	SAN LUIS OBISPO: Cyn 4 mi NW Traver Ranch, Carrizo Plains NM	24-May-03	KMR
<i>Dioryctria fordi</i>	NAPA: Quail Ridge Res	16-May-03	RHL
<i>Sarata dnopherella</i>	SISKIYOU: 1 mi S Weed	29-Jul-03	L/R
<i>Passadena flavidorsella</i>	SAN LUIS OBISPO: Carrizo Plains NM, Cyn 4 mi NW Traver Ranch	24-May-03	RHL
<i>Homoeosoma oxycercus</i>	SAN LUIS OBISPO: Carrizo Plains NM, Cyn 4 mi NW Traver Ranch	24-May-03	RHL
<i>Ephestiodes griseus</i>	NAPA: Quail Ridge Res	16-May-03	RHL
<i>Anagasta kuehniella</i>	MADERA: Oakhurst	14-May-03	RHL
<i>Pima albiplagiata occidentalis</i>	MARIPOSA: Yosemite West	09-Jul-03	VXA
PTEROPHORIDAE			
<i>Emmelina monodactyla</i>	MADERA: Oakhurst	14-May-03	RHL
DREPANIDAE			
<i>Drepana bilineata</i>	HUMBOLDT: Kneeland, 69 Prairie Ln	23-Aug-03	RSW
STATE RECORD			
GEOMETRIDAE			
<i>Macaria semivolata</i>	MARIPOSA: Wawona	12-Aug-03	VXA
<i>Macaria semivolata</i>	HUMBOLDT: Six R NF, Board Cmp Mtn	01-Sep-03	RSW
<i>Macaria bitactata epigenata</i>	HUMBOLDT: Six R NF, Board Cmp Mtn	23-Jul-03	RSW
<i>Macaria decorata</i>	HUMBOLDT: Six R NF, Board Cmp Mtn	01-Sep-03	RSW
<i>Macaria adonis</i>	HUMBOLDT: Laassic Botan Garden	07-Jul-03	RSW
<i>Semiothisa excurvata</i>	KINGS: Willow Springs Cyn, 7 mi SW Avenal, Hwy 33	01-May-03	JAP
on <i>Juniperus californicus</i> , emergence date			
<i>Semiothisa napensis</i>	SAN LUIS OBISPO : Carrizo Plains NM, Cyn 4 mi NW Traver Rnch	24-May-03	L/R
<i>Semiothisa nubiculata</i>	FRESNO: Kaiser Pass	21-Jun-03	VXA
<i>Semiothisa pictipennata</i>	SAN LUIS OBISPO: Carrizo Plains NM, Cyn 4 mi NW Traver Ranch	24-May-03	RHL
<i>Semiothisa burneyata</i>	HUMBOLDT: Six R NF, Board Cmp Mtn	23-Jul-03	RSW
<i>Semiothisa muscaria</i>	MARIPOSA: Yosemite West	24-May-03	VXA
<i>Semiothisa californiaria</i>	HUMBOLDT: Kneeland, 69 Prairie Ln	26-May-03	RSW
<i>Semiothisa californiaria</i>	SISKIYOU: 1 mi S Weed	29-Jul-03	L/R
<i>Semiothisa neptaria</i>	HUMBOLDT: Six R NF, Board Cmp Mtn	23-Jul-03	RSW
<i>Hesperumia latipennis</i>	HUMBOLDT: Six R NF, Board Cmp Mtn	23-Jul-03	RSW
<i>Glena nigricaria</i>	HUMBOLDT: Laassic Botan Garden	07-Jul-03	RSW
<i>Glaucina epiphysaria</i>	SAN LUIS OBISPO: Carrizo Plains NM, Cyn 4 mi NW Traver Ranch	24-May-03	RHL
<i>Glaucina interruptaria</i>	MONO: June Lake	07-Jun-03	VXA
<i>Pterotaea lamitaria</i>	KERN: Old Kern Cyn Rd	24-Jun-03	KMR
<i>Pterotaea albescens</i>	SISKIYOU: 1 mi S Weed	29-Jul-03	L/R
<i>Ectropis crepuscularia</i>	HUMBOLDT: Kneeland, 69 Prairie Ln	15-Jun-03	RSW
<i>Phigalia plumogeraria</i>	SAN BENITO: Pinnacles NM	01-Jan-03	PGJ
<i>Sericosema immaculata</i>	HUMBOLDT: Laassic Botan Garden	07-Jul-03	RSW
<i>Sericosema wilsonensis</i>	LOS ANGELES: Buckhorn Flats	28-Jun-03	KMR
<i>Eudrepanulatrix rectifascia</i>	MADERA: trail nr Oakhurst	26-May-03	VXA
<i>Eudrepanulatrix rectifascia</i>	HUMBOLDT: Six R NF, Board Cmp Mtn	23-Jul-03	RSW
<i>Drepanulatrix bifilata</i>	HUMBOLDT: Kneeland, 69 Prairie Ln	08-Jan-03	RSW
<i>Drepanulatrix foeminaria</i>	MARIPOSA: Yosemite West	24-May-03	VXA
<i>Drepanulatrix nevadaria</i>	HUMBOLDT: Laassic Botan Garden	07-Jul-03	RSW
<i>Drepanulatrix secundaria</i>	MADERA: trail nr Oakhurst	25-May-03	VXA
<i>Drepanulatrix monicaria</i>	MADERA: Oakhurst	14-May-03	RHL
<i>Apodrepanulatrix litaria</i>	HUMBOLDT: Six R NF, Board Cmp Mtn	01-Sep-03	RSW
<i>Euchlaena mollisaria</i>	HUMBOLDT: Six R NF, Board Cmp Mtn	23-Jul-03	RSW
<i>Pero behrensaria vanduzeeata</i>	MARIPOSA: Wawona, Chowchilla Mts	29-Jun-03	VXA
<i>Pero occidentalis packardi</i>	MARIPOSA: Wawona, Chowchilla Mts	29-Jun-03	VXA
<i>Nacophora mexicanaria</i>	HUMBOLDT: Sic R NF, Lassic Bot. Area, Blk Lassic Cmp	08-Jul-03	RSW
<i>Aethaloida packardaria</i>	SAN BENITO: Pinnacles NM	05-Jan-03	PGJ
<i>Plagodis phlogosaria approximaria</i>	HUMBOLDT: Kneeland, 69 Prairie Ln	02-Sep-03	RSW
STATE RECORD			
<i>Lambdina fiscellaria</i>	HUMBOLDT: Kneeland, 69 Prairie Ln	03-Oct-03	RSW

<i>Nepytia umbrosaria nigrovenaria</i>	DEL NORTE: Six R NF, Bear Basin Bot. Area	17-Aug-03	RSW
<i>Sicya morsicaria</i>	MONO: June Lake	07-Jun-03	VXA
<i>Plataea diva</i>	SAN LUIS OBISPO: Carrizo Plains NM, Cyn 4 mi NW Traver Ranch	24-May-03	RHL
<i>Chlorochlamys appellaria</i>	SAN LUIS OBISPO : Carrizo Plains NM, Cyn 4 mi NW Traver Rnch	24-May-03	KMR
<i>Cyclophora pendulinaria</i>	HUMBOLDT: Kneeland, 69 Prairie Ln	16-Jun-03	RSW
STATE RECORD			
<i>Dysstroma ochrofuscaria</i>	HUMBOLDT: Six R NF, Board Cmp Mtn	23-Jul-03	RSW
<i>Dysstroma walkerata</i>	HUMBOLDT: Kneeland, 69 Prairie Ln	25-May-03	RSW
<i>Dysstroma walkerata</i>	DEL NORTE: Bear Basin Botanical Area	28-Aug-03	RSW
<i>Dysstroma formosa</i>	DEL NORTE: Bear Basin Butte	28-Aug-03	RSW
<i>Dysstroma brunneata ethela</i>	HUMBOLDT: Six R NF, Board Cmp Mtn	23-Jul-03	RSW
<i>Dysstroma manicata hulstata</i>	MARIPOSA: El Portal	24-May-03	VXA
<i>Dysstroma manicata hulstata</i>	HUMBOLDT: Six R NF, Board Cmp Mtn	23-Jul-03	RSW
<i>Dysstroma manicata decorata</i>	HUMBOLDT: Six R NF, Board Cmp Mtn	23-Jul-03	RSW
STATE RECORD			
<i>Eustroma semiatrata</i>	MARIPOSA: Yosemite West	24-May-03	VXA
<i>Eustroma fasciata</i>	DEL NORTE: Bear Basin Butte	28-Aug-03	RSW
STATE RECORD			
<i>Eustroma atrifasciata</i>	HUMBOLDT: Six R NF, Board Cmp Mtn	23-Jul-03	RSW
<i>Hydriomena tuolumne</i>	MARIPOSA: Yosemite West	24-May-03	VXA
<i>Hydriomena expurgata franclemonti</i>	MONO: June Lake	07-Jun-03	VXA
<i>Hydriomena irata</i>	HUMBOLDT: Kneeland, 69 Prairie Ln	03-Apr-03	RSW
<i>Hydriomena edenata</i>	MARIPOSA: Wawona	24-May-03	VXA
<i>Hydriomena edenata baueri</i>	HUMBOLDT: Kneeland, 69 Prairie Ln	21-Jun-03	RSW
<i>Hydriomena renunciata columbiata</i>	HUMBOLDT: Kneeland, 69 Prairie Ln	23-Mar-03	RSW
<i>Hydriomena muscata</i>	HUMBOLDT: Kneeland, 69 Prairie Ln	23-May-03	RSW
<i>Hydriomena quinquefasciata</i>	HUMBOLDT: Kneeland, 69 Prairie Ln	29-Mar-03	RSW
<i>Triphosa haesitata</i>	DEL NORTE: Six R NF, Bear Basin Bot. Area	17-Aug-03	RSW
<i>Coryphista meadii</i>	HUMBOLDT: Kneeland, 69 Prairie Ln	08-Jun-03	RSW
<i>Entephria takuata</i>	HUMBOLDT: Six R NF, Board Cmp Mtn	23-Jul-03	RSW
STATE RECORD			
<i>Entephria inventaria</i>	Riverside: Pinyon Crest	12-Mar-03	RHL
<i>Entephria inventaria rare capture</i>			
<i>Spargania magnoliata ruptata</i>	HUMBOLDT: Kneeland, 69 Prairie Ln	27-May-03	RSW
<i>Perizoma grandis</i>	HUMBOLDT: Kneeland, 69 Prairie Ln	20-Jun-03	RSW
<i>Perizoma curvilinea foxi</i>	HUMBOLDT: Six R NF, Board Cmp Mtn	23-Jul-03	RSW
<i>Perizoma costiguttata</i>	HUMBOLDT: Six R NF, Board Cmp Mtn	01-Sep-03	RSW
<i>Stamnodes coenonymphata</i>	HUMBOLDT: Kneeland, 69 Prairie Ln	23-Jan-03	RSW
<i>Stamnodes marinata</i>	HUMBOLDT: Willow Cr	24-Feb-03	RSW
<i>Stamnoctenis pearsalli</i>	HUMBOLDT: Six R NF, Board Cmp Mtn	23-Jul-03	RSW
<i>Xanthorhoe packardata</i>	HUMBOLDT: Kneeland, 69 Prairie Ln	07-Apr-03	RSW
<i>Xanthorhoe macdunnoughi</i>	HUMBOLDT: Six R NF, Board Cmp Mtn	28-Jul-03	RSW
STATE RECORD			
<i>Xanthorhoe pontiaria</i>	HUMBOLDT: Kneeland, 69 Prairie Ln	16-Jul-03	RSW
<i>Xanthorhoe munitata</i>	HUMBOLDT: Six R NF, Board Cmp Mtn	28-Jul-03	RSW
<i>Xanthorhoe defensaria</i>	MADERA: Oakhurst	14-May-03	RHL
<i>Epirrhoe alternata</i>	DEL NORTE: Six R NF, Bear Basin Bot. Area	17-Aug-03	RSW
<i>Zenopheps lignicolorata</i>	HUMBOLDT: Six R NF, Board Cmp Mtn	01-Sep-03	RSW
<i>Venusia cambrica</i>	HUMBOLDT: Kneeland, 69 Prairie Ln	16-Jun-03	RSW
<i>Eupithecia misturata</i>	MADERA: Oakhurst	14-May-03	RHL
<i>Eupithecia rotundopuncta</i>	HUMBOLDT: Kneeland, 69 Prairie Ln	25-May-03	RSW
<i>Eupithecia sierrae</i>	SAN MATEO: San Bruno	12-Apr-03	VXA
<i>Eupithecia cretacea</i>	HUMBOLDT: Laassic Botan Garden	07-Jul-03	RSW
<i>Eupithecia zelmira</i>	HUMBOLDT: Kneeland, 69 Prairie Ln	01-May-03	RSW
<i>Nasusina mendicata</i>	MARIPOSA: Yosemite West	09-Jul-03	VXA
<i>Acasis viridata</i>	HUMBOLDT: Kneeland, 69 Prairie Ln	21-Mar-03	RSW
LASIOCAMPIDAE			
<i>Phyllodesma americana californica</i>	SAN BENITO: Pinnacles NM	28-Jan-03	PGJ
<i>Phyllodesma coturnix</i>	NAPA: Quail Ridge Res	16-May-03	RHL
SPHINGIDAE			
<i>Smerinthus cerisyi</i>	HUMBOLDT: Kneeland, 69 Prairie Ln	28-May-03	RSW
<i>Euproserpinus phaeton</i>	SAN BENITO: Pinnacles NM	27-Feb-03	PGJ
NOTODONTIDAE			
<i>Clostera apicalis ornata</i>	MONO: June Lake	07-Jul-03	VXA
<i>Nadata gibbosa</i>	SAN BENITO: Pinnacles NM	16-May-03	PGJ
<i>Furcula cinerea</i>	PLACER: Granite Bay (City)	31-Mar-03	EDB
<i>Furcula scolopendrina</i>	SAN BENITO: Pinnacles NM	03-Sep-03	PGJ

DIOPTIDAE

Phryganidia californica	SAN BENITO: Pinnacles NM	28-May-03	PGJ
-------------------------	--------------------------	-----------	-----

ARCTIIDAE

Gnophaela vermiculata at bitter dogbane	HUMBOLDT: Six R NF, For Rt 1So7, 2.4 mi W Co Rd 512	07-Jul-03	RSW
Tyria jacobaeae	HUMBOLDT: Kneeland, 69 Prairie Ln	01-Jun-03	RSW
Spilosoma vestalis	MADERA: Oakhurst	14-May-03	RHL
Arachnis picta	MARIPOSA: Yosemite West	04-Oct-03	VXA
Grammia hewletti	KERN: Old Kern Riv Rd	22-Mar-03	KMR
Grammia hewletti	NAPA: Quail Ridge Res	16-May-03	RHL
Hemihyalea edwardsii	HUMBOLDT: Kneeland, 69 Prairie Ln	23-Sep-03	RSW
Hemihyalea edwardsii	SAN BENITO: Pinnacles NM	23-Sep-03	PGJ

LYMANTRIIDAE

Orgyia pseudotsugata	HUMBOLDT: Board Cmp Mtn, 6 R NF	01-Sep-03	RSW
----------------------	---------------------------------	-----------	-----

NOCTUIDAE

Mycterophora rubricans	HUMBOLDT: Six R NF, Board Cmp Mtn	23-Jul-03	RSW
Hypena humuli	HUMBOLDT: Kneeland, 69 Prairie Ln	01-Mar-03	RSW
Hypena decorata	HUMBOLDT: Kneeland, 69 Prairie Ln	29-Mar-03	RSW
Hemeroplanis secundalis	HUMBOLDT: Six R NF, Board Cmp Mtn	23-Jul-03	RSW
Hemeroplanis secundalis	SISKIYOU: 1 mi S Weed	29-Jul-03	L/R
Hemeroplanis finitima	MADERA: O'Neill	27-Apr-03	VXA
Hemeroplanis finitima	SAN BENITO: Pinnacles NM	28-Aug-03	PGJ
Cissusa indiscreta	HUMBOLDT: Kneeland, 69 Prairie Ln	30-Mar-03	RSW
Drasteria scrupulosa	SAN BENITO: Pinnacles NM	11-Sep-03	PGJ
Drasteria ochracea	HUMBOLDT: Board Camp Mtn, 6 R NF	01-Oct-03	RSW
Drasteria divergens	HUMBOLDT: Six R NF, Board Cmp Mtn	23-Jul-03	RSW
Drasteria adumbrata	LOS ANGELES: Buckhorn Flats	28-Jun-03	KMR
Drasteria adumbrata	MARIPOSA: Yosemite West	09-Jul-03	VXA
Drasteria stretchii	MARIPOSA: Yosemite West	09-Jul-03	VXA
Zale rubi	PLACER: Granite Bay (City)	30-Mar-03	EDB
Caenurgina erechtea	PLACER: Granite Bay (City)	29-Mar-03	EDB
Catocala andromache benjamini	RIVERSIDE: Pinyon Crest	24-Jun-03	RHL
Catocala verrilliana	SAN BENITO: Pinnacles NM	10-Jul-03	PGJ
Pseudeva palligera	HUMBOLDT: Six R NF, Board Cmp Mtn	23-Jul-03	RSW
Autographa pasiphaeia	HUMBOLDT: Kneeland, 69 Prairie Ln	08-Aug-03	RSW
Autographa speciosa	HUMBOLDT: Board Cmp Mtn, 6 R NF FR 4N38 1 mi W FR 1	23-Jul-03	RSW
Eumicremma minima	SAN BENITO: Pinnacles NM	25-Aug-03	PGJ
Conochares alter	SAN LUIS OBISPO: Carrizo Plains NM, Cyn 4 mi NW Traver Ranch	24-May-03	RHL
Panthea virginaria	MARIPOSA: Yosemite West	09-Jul-03	VXA
Panthea gigantea	LOS ANGELES: Buckhorn Flats	28-Jun-03	KMR
Acronicta marmorata	HUMBOLDT: Kneeland, 69 Prairie Ln	21-Jun-03	RSW
Acronicta impleta illita	HUMBOLDT: Kneeland, 69 Prairie Ln	26-Jun-03	RSW
Acronicta othello	HUMBOLDT: Laassic Botan Garden	07-Jul-03	RSW
Cryphia oaklandiae	DEL NORTE: Bear Basin Bot. Area	17-Aug-03	RSW
Apamea auranticolor	HUMBOLDT: Six R NF, Board Cmp Mtn	23-Jul-03	RSW
Apamea plutonia	HUMBOLDT: Kneeland, 69 Prairie Ln	03-Jun-03	RSW
Apamea dubitans cogitata	SISKIYOU: 1 mi W Weed	29-Jul-03	L/R
Apamea dubitans cogitata	DEL NORTE: Six R NF, Bear Basin Bot. Area	17-Aug-03	RSW
Apamea conradi	HUMBOLDT: Kneeland, 69 Prairie Ln	21-Jul-03	RSW
Eremobina uncinata	DEL NORTE: Bear Basin Butte	17-Aug-03	RSW
Oligia marina	MADERA: O'Neill	11-May-03	VXA
Neoligia invenusta	HUMBOLDT: Six R NF, Board Cmp Mtn	23-Jul-03	RSW
Neoligia albirena	SISKIYOU: 1 mi S Weed	29-Jul-03	L/R
Parastichtis suspecta	DEL NORTE: Bear Basin Butte	17-Aug-03	RSW
Celaena reniformis	HUMBOLDT: Kneeland, 69 Prairie Ln	21-Aug-03	RSW
Aseptis fanatica	MARIPOSA: Yosemite West	09-Jul-03	VXA
Aseptis fanatica	SISKIYOU: 1 mi S Weed	29-Jul-03	L/R
Aseptis monica	SAN LUIS OBISPO: Carrizo Plains NM, Cyn 4 mi NW Traver Ranch	24-May-03	RHL
Chytonix divesta	MARIPOSA: Yosemite West	09-Jul-03	VXA
Andropolia aedon	DEL NORTE: Bear Basin Bot. Area	17-Aug-03	RSW
Andropolia theodori epichysis	DEL NORTE: Bear Basin Bot. Area	17-Aug-03	RSW
Andropolia lichena	HUMBOLDT: Six R NF, Board Cmp Mtn	23-Jul-03	RSW
Nedra stewarti	SISKIYOU: 1 mi S Weed	29-Jul-03	L/R
Properigea niveirena	HUMBOLDT: Six R NF, Board Cmp Mtn	23-Jul-03	RSW
Properigea niveirena	DEL NORTE: Bear Basin Butte	28-Aug-03	RSW
Amphipyra brunneoatra	MADERA: O'Neill	07-Jul-03	VXA
Protoperigea posticata	SISKIYOU: 1 mi S Weed	29-Jul-03	L/R

Caradrina meralis	DEL NORTE: Bear Basin Butte	28-Aug-03	RSW
Caradrina meralis	HUMBOLDT: Six R NF, Board Cmp Mtn	01-Sep-03	RSW
Spodoptera praefica	PLACER: Granite Bay (City)	31-Mar-03	EDB
Spodoptera praefica	MONO: June Lake	07-Jun-03	VXA
Condica discistriga	KERN: Rt 155 at Alder Cr Rd	30-Aug-03	KMR
Xanthothrix ranunculi diurnal	SAN LUIS OBISPO: Elkhorn Range, Carrizo Plain NM	07-Mar-03	PMJ
Cosmia calami	SAN BENITO: Pinnacles NM	24-May-03	PGJ
Zotheca tranquilla	SAN BENITO: Pinnacles NM	20-May-03	PGJ
Agrochola purpurea	HUMBOLDT: Kneeland, 69 Prairie Ln	03-Jun-03	RSW
Mniotype ducta	HUMBOLDT: Kneeland, 69 Prairie Ln	01-Jul-03	RSW
STATE RECORD			
Pachypolia atricornis	HUMBOLDT: Six R NF, Board Cmp Mtn	01-Sep-03	RSW
STATE RECORD			
Pleromelloida conserta	MONO: June Lake	07-Jun-03	VXA
Pleromelloida obliquata smithi	MARIPOSA: Yosemite West	24-May-03	VXA
Oncocnemis chorda extremis	SISKIYOU: 1 mi S Weed	29-Jul-03	L/R
Oncocnemis chorda extremis	DEL NORTE: Bear Basin Butte	28-Aug-03	RSW
Oncocnemis youngi	HUMBOLDT: Six R NF, Board Cmp Mtn	01-Sep-03	RSW
Oncocnemis columbia	DEL NORTE: Bear Basin Butte	17-Aug-03	RSW
Oncocnemis columbia	HUMBOLDT: Six R NF, Board Cmp Mtn	01-Sep-03	RSW
Oncocnemis lacticollis	VENTURA: Rancho Nuevo CG	26-Aug-03	PMJ
Oncocnemis atricollaris	VENTURA: Rancho Nuevo CG	24-Aug-03	TED
Oncocnemis ragani	SISKIYOU: 1 mi S Weed	29-Jul-03	L/R
Behrensia conchiformis	SAN BENITO: Pinnacles NM	04-Jan-03	PGJ
Cucullia florea	HUMBOLDT: Kneeland, 69 Prairie Ln	30-Jul-03	RSW
Copicucullia incresa	SAN LUIS OBISPO: Carrizo Plain NM	29-Mar-03	TED
Admetovis oxymorus	MARIPOSA: Yosemite West	09-Jul-03	VXA
Admetovis oxymorus	HUMBOLDT: Six R NF, Board Cmp Mtn	23-Jul-03	RSW
Admetovis similaris	SAN BENITO: Pinnacles NM	08-Apr-03	PGJ
Neoligia subjuncta eleanora	HUMBOLDT: Kneeland, 69 Prairie Ln	26-Jun-03	RSW
Lacanobia liquida	HUMBOLDT: Kneeland, 69 Prairie Ln	08-Jun-03	RSW
Lacinipolia davena	DEL NORTE: Bear Basin Butte	28-Aug-03	RSW
Lacinipolia davena	HUMBOLDT: Six R NF, Board Cmp Mtn	01-Sep-03	RSW
Lacinipolia comis	DEL NORTE: Bear Basin Butte	28-Aug-03	RSW
Lacinipolia rectilinea	HUMBOLDT: Six R NF, Board Cmp Mtn	01-Sep-03	RSW
Pseudaletia unipuncta	PLACER: Granite Bay (City)	29-Mar-03	EDB
Acerra normalis	SAN BENITO: Pinnacles NM	14-Mar-03	PGJ
Stretchia pictipennis	MARIPOSA: Wawona	24-May-03	VXA
Stretchia muricina	HUMBOLDT: Kneeland, 69 Prairie Ln	30-Mar-03	RSW
Orthosia pulchella	MARIPOSA: Yosemite West	24-May-03	VXA
Orthosia praeses	SAN BENITO: Pinnacles NM	01-Jan-03	PGJ
Orthosia mys	SAN BENITO: Pinnacles NM	01-Jan-03	PGJ
Orthosia behrensiana	HUMBOLDT: Kneeland, 69 Prairie Ln	30-Mar-03	RSW
Egira variabilis	MARIPOSA: Yosemite West	24-May-03	VXA
Egira simplex	MARIPOSA: Yosemite West	24-May-03	VXA
Egira cognata	SAN MATEO: Montara	23-Mar-03	VXA
Egira februalis	HUMBOLDT: Kneeland, 69 Prairie Ln	27-May-03	RSW
Egira rubrica	MONO: June Lake	07-Jun-03	VXA
Egira perlubens	HUMBOLDT: Kneeland, 69 Prairie Ln	23-May-03	RSW
Protorthodes curtica	HUMBOLDT: Six R NF, Board Cmp Mtn	01-Sep-03	RSW
Protorthodes rufula	HUMBOLDT: Kneeland, 69 Prairie Ln	11-Jun-03	RSW
Feltia hudsoni	HUMBOLDT: Kneeland, 69 Prairie Ln	04-Sep-03	RSW
STATE RECORD			
Euxoa messoria	HUMBOLDT: Six R NF, Board Cmp Mtn	01-Sep-03	RSW
Euxoa cryptica	DEL NORTE: Six R NF, Bear Basin Bot. Area	27-Aug-03	RSW
Euxoa simona	HUMBOLDT: Six R NF, Board Cmp Mtn	01-Sep-03	RSW
Euxoa shasta	HUMBOLDT: Six R NF, Board Cmp Mtn	01-Sep-03	RSW
Euxoa septentrionalis	HUMBOLDT: Six R NF, Board Cmp Mtn	01-Sep-03	RSW
Euxoa pimensis	MONO: June Lake	07-Jun-03	VXA
Euxoa simulata	DEL NORTE: Bear Basin Butte	17-Aug-03	RSW
Euxoa declarata	DEL NORTE: Bear Basin Butte	28-Aug-03	RSW
Euxoa declarata	HUMBOLDT: Six R NF, Board Cmp Mtn	01-Sep-03	RSW
Euxoa stigmatalis	HUMBOLDT: Six R NF, Board Cmp Mtn	01-Sep-03	RSW
Euxoa comosa lutulenta	HUMBOLDT: Six R NF, Board Cmp Mtn	08-Jul-03	RSW
Euxoa comosa lutulenta	DEL NORTE: Bear Basin Butte	28-Aug-03	RSW
Euxoa occidentalis	DEL NORTE: Bear Basin Butte	17-Aug-03	RSW

<i>Euxoa occidentalis</i>	HUMBOLDT: Six R NF, Board Cmp Mtn	01-Sep-03	RSW
<i>Euxoa infausta</i>	DEL NORTE: Bear Basin Butte	28-Aug-03	RSW
<i>Euxoa infausta</i>	HUMBOLDT: Six R NF, Board Cmp Mtn	01-Sep-03	RSW
<i>Euxoa brunneigera</i>	HUMBOLDT: Six R NF, Board Cmp Mtn	01-Sep-03	RSW
<i>Euxoa faulkneri</i>	MARIPOSA: Yosemite West	09-Jul-03	VXA
<i>Euxoa satis</i>	DEL NORTE: Bear Basin Butte	17-Aug-03	RSW
<i>Euxoa bicollaris</i>	DEL NORTE: Bear Basin Butte	17-Aug-03	RSW
<i>Euxoa bicollaris</i>	HUMBOLDT: Six R NF, Board Cmp Mtn	01-Sep-03	RSW
<i>Euxoa selenis</i>	KINGS: Willow Springs Cyn, 7 mi SW Avenal, Hwy 33	26-Mar-03	JAP
<i>Euxoa pluralis</i>	LOS ANGELES: Newcomb Ranch, Chilao Flats	28-Jun-03	KMR
<i>Euxoa choris</i>	HUMBOLDT: Six R NF, Board Cmp Mtn	23-Jul-03	RSW
<i>Euxoa latro</i>	HUMBOLDT: Six R NF, Board Cmp Mtn	01-Sep-03	RSW
<i>Protogygia biclavis</i>	RIVERSIDE: Pinyon Crest	12-Mar-03	RHL
<i>Spaelotis clandestina</i>	HUMBOLDT: Six R NF, Board Cmp Mtn	23-Jul-03	RSW
<i>Spaelotis clandestina</i>	DEL NORTE: Bear Basin Butte	17-Aug-03	RSW
<i>Xestia smithii</i>	HUMBOLDT: Kneeland, 69 Prairie Ln	31-Aug-03	RSW
<i>Xestia cinerascens</i>	VENTURA: Ventura City	18-Jul-03	TED
<i>Xestia cinerascens</i>	HUMBOLDT: Kneeland, 69 Prairie Ln	29-Aug-03	RSW
<i>Xestia mustelina</i>	DEL NORTE: Bear Basin Botanical Area, Bear Basin	27-Aug-03	RSW
<i>Setagrotis cinereicollis</i>	HUMBOLDT: Six R NF, Board Cmp Mtn	01-Sep-03	RSW
<i>Adelphagrotis indeterminata</i>	DEL NORTE: Bear Basin Butte	28-Aug-03	RSW
<i>Adelphagrotis indeterminata</i>	HUMBOLDT: Kneeland, 69 Prairie Ln	29-Aug-03	RSW
<i>Cerastis enigmatica</i>	HUMBOLDT: Kneeland, 69 Prairie Ln	30-Mar-03	RSW
<i>Abagrotis trigona</i>	DEL NORTE: Six R NF, Bear Basin Bot. Area	17-Aug-03	RSW
<i>Abagrotis rubricundis</i>	SISKIYOU: 1 mi S Weed	29-Jul-03	L/R
<i>Abagrotis forbesi</i>	LOS ANGELES: Buckhorn Flats	28-Jun-03	KMR
<i>Abagrotis nefascia</i>	SISKIYOU: 1 mi S Weed	29-Jul-03	L/R
<i>Abagrotis scopeops</i>	HUMBOLDT: Six R NF, Board Cmp Mtn	01-Sep-03	RSW
<i>Abagrotis apposita</i>	HUMBOLDT: Six R NF, Board Cmp Mtn	01-Sep-03	RSW
<i>Abagrotis placida</i>	DEL NORTE: Bear Basin Butte	17-Aug-03	RSW
<i>Parabagrotis sulinaris</i>	DEL NORTE: Bear Basin Botanical Area	28-Aug-03	RSW
<i>Schinia pulchripennis</i>	SAN LUIS OBISPO: Carrizo Plain NM	22-Mar-03	PMJ
<i>Schinia cupes</i>	SAN LUIS OBISPO: Carrizo Plains NM, Cyn 4 mi NW Traver Ranch	24-May-03	RHL
<i>Raphia pallula</i>	PLACER: Granite Bay (City)	30-Mar-03	EDB

NEVADA

Moths

PLUTELLIDAE

Ypsolopha striatella Nye: 2 mi SW of Carvers 06-Jun-03 LEC

TORTRICIDAE

Rhyacionia multilineata Lander: 2 mi N of Austin 27-May-03 LEC

Rhyacionia monophylliana Lander: 2 mi N of Austin 15-May-03 LEC

Epinotia albicapitana Lander: 3 mi NW of Kingston 19-Sep-03 LEC

Grapholita caeruleana Lander: 2 mi N of Austin 27-May-03 LEC

Henricus macrocarpanus Lander: 2 mi N of Austin 31-May-03 LEC

PYRALIDAE

Cornifrons phasma Nye: 15 mi NE of Carvers 06-Jun-03 LEC

Pyrausta subsequalis plagalis Lander: 5 mi W of Austin 26-May-03 LEC

GEOMETRIDAE

Biston betularia cognataria Nye: 2 mi SW of Carvers 06-Jun-03 LEC

Biston betularia cognataria Elko: 3 rd. miles down from Angel Lake, 6800' 01-Aug-03 A/A

Ennomos magnaria Elko: Angel Lake, E. Humboldt Range, 8400' 01-Aug-03 A/A

Eupithecia edna Lander: 3 mi NW of Kingston 29-Jun-03 LEC

ARCTIIDAE

Arachnis picta Lander: 8 air mi SE of Austin 05-Aug-00 LEC

included as a probable STATE RECORD

Arctia caja Elko: Angel Lake, E. Humboldt Range, 8400' 01-Aug-03 A/A

very light individual

Grammia williamsii Elko: Angel Lake, E. Humboldt Range, 8400' 01-Aug-03 A/A

NOCTUIDAE

Drasteria ochracea Nye: 15 mi NE of Carvers 06-Jun-03 LEC

Pseudeva palligera Elko: Angel Lake, E. Humboldt Range, 8400' 01-Aug-03 A/A

Acontia arida Nye: 2 mi SW of Carvers 06-Jun-03 LEC

Apamea inordinata Lander: 2 mi N of Austin 27-May-03 LEC

Oligia violacea Elko: 3 rd. miles down from Angel Lake, 6800' 01-Aug-03 JKA

Afetella cylindrica Lander: 5 mi W of Austin 26-May-03 LEC

Brachylomia elda	Lander: 3 mi NW of Kingston	19-Sep-03	LEC
Brachylomia elda	Nye: 15 mi NE of Carvers	25-Sep-03	LEC
Oncocnemis chorda	Elko: 3 rd. miles down from Angel Lake, 6800'	01-Aug-03	JKA
Trichoclea fuscolutea	Lander: 2 mi N of Austin	27-May-03	LEC
Trichoclea decepta	Lander: 2 mi N of Austin	02-Jun-03	LEC
Trichoclea uscripta	Lander: 8 air mi SE of Austin	01-Jun-03	LEC
Melanchra picta	Lander: 5 mi W of Austin	26-May-03	LEC
Egira rubrica	Lander: 2 mi N of Austin	27-May-03	LEC
Nephelodes minians	Lander: 2 mi S of Austin	14-Sep-03	LEC
Protorthodes curtica	Lander: 3 mi W of Kingston	30-Sep-03	LEC
Protorthodes alfkeni	Lander: 2 mi N of Austin	19-Aug-00	LEC
Ulolonche disticha	Nye: 2 mi SW of Carvers	21-Sep-03	LEC
Agrotis orthogonia	Lander: 2 mi S of Austin	14-Sep-03	LEC
Euxoa atomaris	Lander: 2 mi SE of Austin	27-Sep-03	LEC
Euxoa silens	Nye: 2 mi SW of Carvers	06-Jun-03	LEC
Euxoa cinereopallida	Nye: 2 mi SW of Carvers	21-Sep-03	LEC
Euxoa mitis	Lander: 2 mi SE of Austin	27-Sep-03	LEC
Euxoa cona	Nye: 15 mi NE of Carvers	25-Sep-03	LEC
Euxoa hollemani	Nye: 2 mi SW of Carvers	21-Sep-03	LEC
Euxoa difformis	Lander: 2 mi SE of Austin	27-Sep-03	LEC
Richia parentalis	Lander: 3 mi NW of Kingston	19-Sep-03	LEC
Xestia oblata	Elko: Angel Lake, E. Humboldt Range, 8400'	01-Aug-03	A/A
Noctua pronuba	Nye: 15 mi NE of Carvers	21-Sep-03	LEC
Abagrotis nanalis	Lander: 2 mi N of Austin	06-Jun-03	LEC
Abagrotis duanca	Lander: 11 mi S of Austin	01-Jun-03	LEC
Abagrotis duanca	Nye: 2 mi SW of Carvers	27-Sep-03	LEC
Schinia sueta	Lander: Austin	06-Jun-03	LEC
Schinia acutilinea	Elko: 3 rd. miles down from Angel Lake, 6800'	01-Aug-03	A/A
Schinia illustra	Elko: 3 rd. miles down from Angel Lake, 6800'	01-Aug-03	A/A
likely COUNTY RECORD, farthest E recorded in Nevada			
Schinia walsinghami	Elko: 3 rd. miles down from Angel Lake, 6800'	01-Aug-03	A/A
Schinia unimacula	Elko: 3 rd. miles down from Angel Lake, 6800'	01-Aug-03	A/A

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

Coordinator: Ray E. Stanford

Contributors Cited:

JKA : James K. Adams
 JWB : John W. Brown
 SD : Steve Drilling
 KE : Karen Epperson
 MSF : Michael S. Fisher
 CDG : Cathy Griswold & Donn Cook
 H/H : Chuck Harp & Chris Harp
 RVK : Richard V. Kelson
 MLL : Michael L. Leski
 BN : Bruce Neville
 CR : Christopher Rustay
 AS : Andrew Spencer
 RES : Ray E. Stanford
 PT1 : Paul Thompson
 DAZ : Dale A. Zimmerman

RJB : Robert J. Borth
 SJC : Steven J. Cary
 DE : David L. Edwards
 DJF : David J. Ferguson
 JDG : John D. Glaser
 KCH : Kenneth C. Hansen
 H/O : Chuck Harp & Paul Opler
 WK : Will Kerling
 GLM : Gene & Lynn Monroe
 PAO : Paul A. Opler
 JS3 : John Saba
 S/W : R.E. Stanford & A.D. Warren
 TLS : Todd Stout
 ADW : Andrew D. Warren

ROB : Richard Bray
 KD : Ken Davenport
 DE1 : Doug Emkalns
 CDF : Clifford D. Ferris
 NVG : Nick V Grishin
 CEH : Charles E. Harp
 JAH : John A. Hyatt
 SJK : Steven J. Kohler
 ARM : Alan R. Myrup
 BMP : Bryan M. Pfeiffer
 JAS : James A. Scott
 RKS : Ray & Kit Stanford
 SDS : Steven D. Summers
 BW : Byron Weber

General Comments:

There were 41 individual contributors, 11 of them new in 2003 compared with 40 and 17 the previous year. Ferris, Kohler, Scott and I raised our string of consecutive years with contributions to Zone 4 [orig. Zone 3] to 25 or more years. Average or better winter and spring precipitation resulted in 416 total records received, compared with 327 in 2001 and 375 in 2002. There were relatively more records for moths in 2003, nearly equal to that for butterflies [198 vs 218]. The drought and widespread wildfires returned by late June, resulting in more records from the prairies and other sparsely forested parts of the Zone. Several National Forests were closed to the public for much of July and August, and even Glacier NP was closed briefly. There were 13 new early dates for butterflies compared with 36 late dates; another year with cool, wet springs delaying flights and warm weather well into December in NM and southern Utah. This year we finally present data from Alberta as well as all 5 Zone 4 states. Michael Leski submitted interesting data from all 5 states, and butterfly county records from 4 of them. James Adams and Chuck Harp sent moth records from 4 states each.

ALBERTA

Given that the annual Lep Soc meeting was held at Olds College, north of Calgary, and was well attended, I am astonished to have received only one report other than my meager 3 butterfly records on my first visit to Alberta since 1959! Thanks to James Adams for taking the time to send some nice moth records.

Butterflies

NYMPHALIDAE

Polygonia faunus LATE; photo	: Lake Louise Visitor Center	01-Oct-03	RKS
Nymphalis antiopa	: Crossroads, Jasper Park	03-Oct-03	RKS
Nymphalis milberti	: Top of Whistler Mountain tramway, Jasper Park	04-Oct-03	RKS

Moths

HEPIALIDAE

Sthenopis purpurascens	: Tolman Bridge Cg, Hwy 585 at Red Deer River	24-Jul-03	JKA
Sthenopis purpurascens	: 8 mi WNW of Bowden [Red Lodge Guest Ranch]	27-Jul-03	JKA

COSSIDAE

Acossus populi	: Tolman Bridge Cg, Hwy 585 at Red Deer River	24-Jul-03	JKA
----------------	---	-----------	-----

SPHINGIDAE

Sphinx vashti leg. Reed Watkins	: Tolman Bridge Cg, Hwy 585 at Red Deer River	23-Jul-03	JKA
------------------------------------	---	-----------	-----

NOTODONTIDAE

Notodonta scitipennis	: Tolman Bridge Cg, Hwy 585 at Red Deer River	23-Jul-03	JKA
-----------------------	---	-----------	-----

NOCTUIDAE

Diachrysis aeroides	: Tolman Bridge Cg, Hwy 585 at Red Deer River	24-Jul-03	JKA
Syngrapha alias	: Burnt Stick Lake, 14 km N of Bearberry, Rg Rd 72	23-Jul-03	JKA
Syngrapha ignea	: Burnt Stick Lake, 14 km N of Bearberry, Rg Rd 72	23-Jul-03	JKA
Plusia putnami	: Burnt Stick Lake, 14 km N of Bearberry, Rg Rd 72	23-Jul-03	JKA
Euxoa sinelinea	: Burnt Stick Lake, 14 km N of Bearberry, Rg Rd 72	23-Jul-03	JKA
SW range extension			
Xestia perqueritata	: Burnt Stick Lake, 14 km N of Bearberry, Rg Rd 72	23-Jul-03	JKA
Xestia mixta	: Burnt Stick Lake, 14 km N of Bearberry, Rg Rd 72	23-Jul-03	JKA
Anomogyna per Hodges' checklist			
Schinia meadi leg. Reed Watkins	: Tolman Bridge Cg, Hwy 585 at Red Deer River	24-Jul-03	JKA

COLORADO

There were 17 contributors, about average over the past 20 years, including the dozen or so faithful and dependable ones. Weather patterns were as described in the General Introduction. The 73 data points are about equally divided butterflies and moths, as are the species totals. There were only 21 new butterfly county records, and 37 for moths. Cumulative butterfly stats are now 121.0 avg spp/co, or still 93.3% of projection. Butterfly species total remains 276 and might eventually reach 280.

Butterflies

HESPERIIDAE

Erynnis icelus specimen found lurking in E. afranius series	ELBERT: Peaceful Valley BSA Ranch, creek at 7050'	23-May-93	S/W
Pyrgus scriptura EARLY	Douglas: Mitchell Gulch, SR 86, 3.5 mi E of Castle Rock	12-Mar-03	ADW
Pyrgus communis EARLY	Douglas: Mitchell Gulch, SR 86, 3.5 mi E of Castle Rock	12-Mar-03	ADW
Pyrgus communis abundant all summer into fall	Jefferson: Lakewood	06-Jul-03 - 15-Oct-03	JAS
Piruna pirus	MINERAL: bridge over W Fk Wolf Crk, 9684'	27-Jul-03	MLL
Ancyloxypha numitor 1st record for Denver/Boulder urban corridor	BOULDER: Pella Ponds Open Space, S of Hygiene Rd, Boulder	09-Jul-03	CDG
Oarisma edwardsii WEST range extension; 1st new SW CO record since 1999	DOLORES: Side Cn, 2-3 mi W of Lizard Head Pass	17-Jul-03	KD
Stinga morrisoni	SUMMIT: Boulder Creek Trlhd, 0.5 mi N of Blue River cpgd	31-May-03	RKS
Hesperia juba	SUMMIT: CR 10, just W of SR 9, Grand/Summit county line	12-Sep-03	RKS
Hesperia juba on rabbitbrush	GRAND: Radium SWA, near Colorado River	12-Sep-03	RKS
Hesperia juba on rabbitbrush	EAGLE: I-70, 1.8 mi WSW of Dotsero	12-Sep-03	RKS
Polites themistocles	SAN MIGUEL: Ophir Pass Road	17-Jul-03	KD
Amblyscirtes vialis LATE	Grand: Shadow Mountain Dam transect, RMNP	11-Aug-03	ROB

PAPILIONIDAE

Parnassius phoebus pseudorotgeri EARLY	Hinsdale: N ridge, Sunshine Peak, 13950'	28-May-03	PT1
Papilio multicaudatus LATE	Douglas: Hidden Pointe [Warren garden]	25-Sep-03	S/W
Papilio troilus LATE; 1st CO record in 50 years!	Boulder: Louisville, 5400'	09-Aug-03	PT1

PIERIDAE

Neophasia menapia good flight in ID, WY, and W CO	RIO BLANCO: CR 57 near Moffat county line	23-Jul-03	AS
--	---	-----------	----

LYCAENIDAE

Satyrrium behrii	RIO BLANCO: Douglas Creek, S of Rangely	22-Jul-03	AS
Callophrys sheridanii neoperplexa fresh, spotted by "eagle eye" Kit, 1st outing in 2003	SUMMIT: Blue River NF Campground, 9 mi N of Silverthorne	24-May-03	RKS
Callophrys polios	SUMMIT: Officer Gulch, just off I-70, 2 mi SW of Frisco	31-May-03	RKS
Callophrys eryphon	PITKIN: Prince Crk Rd, 6600', 2.9 mi SE Jct SR 133	25-May-92	RES
Callophrys eryphon LATE	Gilpin: Frazier Meadow trail, 8600'	19-Jul-03	BMP
Everes amyntula LATE	Boulder: 6 mi NW of Lyons	23-Oct-03	GLM
Glaucoopsyche piasus EARLY for W slope	Gunnison: W side of Big Mesa, 7800'	30-May-03	MSF
Glaucoopsyche lygdamus	MORGAN: Jackson Lake SWA, 5 mi NE of Orchard	19-May-03	RES

NYMPHALIDAE

Polygonia hylas 93rd species to be recorded from this tiny county	LAKE: Turquoise Lake, 10397'	05-Sep-03	MLL
Speyeria edwardsii raise the total to 94 species	LAKE: Turquoise Lake Inlet, 9921'	05-Sep-03	MLL
Speyeria atlantis sorocko known for all touching CO counties; not UT or NM	SAN MIGUEL: Ophir Pass Road	17-Jul-03	KD
Chlosyne gorgone	SUMMIT: Boulder Creek Trlhd, 0.5 mi N of Blue River cpgd	31-May-03	RKS
Satyrodes eurydice fumosa	Jefferson: Introduced colony	06-Jul-03	JAS
Oeneis uhleri reinthali det PAO; W range extension in CO; occurs in Tushar Mtns, UT	DOLORES: Side Cn, 2-3 mi W of Lizard Head Pass	17-Jul-03	KD
Oeneis taygete edwardsii EARLY	Saguache: NE ridge, Organ Mtn, 13000'	04-Jul-03	PT1
Danaus plexippus EARLY	Boulder: Louisville, 5400'	02-Apr-03	PT1
Danaus gilippus thersippus	MOFFAT: Browns Park NWR	23-Jul-03	AS
Danaus gilippus thersippus 1st record for this county	Garfield: I-70 rest stop near Rifle	25-Jul-03	KD

Moths**GEOMETRIDAE**

Ersephila grandipennis det PAO	DOUGLAS: Surry Ridge	10-Apr-03	ADW
-----------------------------------	----------------------	-----------	-----

ARCTIIDAE

Cisthene barnesii det PAO	BOULDER: 6 mi NW of Lyons	27-Jul-03	GLM
------------------------------	---------------------------	-----------	-----

NOCTUIDAE

Lacinipolia strigicollis det PAO	BOULDER: Rabbit Mtn Open Space	08-Sep-03	GLM
Erythroecia suavis	Fremont: Penrose, near SR 115, 5293'	07-Aug-03	H/O
Heliothis phloxiphagus larva on gumweed (Grindelia sp); pupated 28 Sep & em 24 Jul, 2003	BOULDER: 6 mi NW of Lyons	24-Sep-02	GLM
Heliocheilus paradoxus	LINCOLN: US 40 in Hugo, 5076'	28-Aug-03	CEH
Protoschinia scutosa on Artemisia dracunculoides	SEDGWICK: E of US 385, hillsides, 3729', 4 mi S of Julesburg	10-Jul-03	CEH
Schinia villosa 6 mi W of N La Veta Pass, on Erigeron speciosa	COSTILLA: US 160 nr Sangre de Cristo Crk, 8400'	07-Aug-03	H/O
Schinia roseitincta on Gaillardia pinnatifida	LAS ANIMAS: SR 109, S of Kim, mp 19, 5095'	22-May-03	CEH
Schinia avemensis on Helianthus petiolaris	Alamosa: Great Sand Dunes NP, island vegetation, 8065'	07-Aug-03	H/O
Schinia volupia	BACA: Picture Cn, 4255', Comanche NG, SW of Campo	30-May-03	H/H
Schinia siren	BENT: US 50, Las Animas, 3817'	28-Aug-03	CEH
Schinia jaguarina on Psoralidium tenuiflorum	LAS ANIMAS: SR 109, N of Muddy Creek, 4680'	30-May-03	H/H

Schinia jaguarina on Ipomoea leptophylla	BENT: SR 109, SSE of La Junta, 4511'	30-May-03	H/H
Schinia jaguarina on Psoralidium tenuiflorum	SEDGWICK: Hillside E of US 385, 3729', 4 mi S of Julesburg.	10-Jul-03	CEH
Schinia cupes	BACA: US 287/385, 4409', S end of Springfield	22-May-03	CEH
Schinia grandimedia	LINCOLN: US 40 in Hugo, 5076'	28-Aug-03	CEH
Schinia simplex on Ipomoea leptophylla	BENT: SR 109, SSE of La Junta, 4511'	30-May-03	H/H
Schinia simplex on Ipomoea leptophylla	HUERFANO: US 160, 2 mi W of Walsenburg	07-Aug-03	H/O
Schinia regina	BENT: US 50, Las Animas, 3817'	28-Aug-03	CEH
Schinia rosea	OTERO: US 50, Hadley Rest Area, 4620', NE of La Junta	28-Aug-03	CEH
Schinia gaurae on Gaura mollis	SEDGWICK: US 385, 3540', 2 mi S of Julesburg	10-Jul-03	CEH
Schinia meadi	PROWERS: US 50, store lights, W end of Lamar, 3622'	21-May-03	CEH
Schinia meadi	BENT: US 50, 10 mi W of Las Animas, 4580'	21-May-03	CEH
Schinia meadi	LAS ANIMAS: Near jct 223W/34N, 4680', 5 mi N of Carrizo Mtn	22-May-03	CEH
Schinia tertia	BENT: US 50, Las Animas, 3817'	28-Aug-03	CEH
Schinia diffusa	BENT: US 50, Las Animas, 3817'	28-Aug-03	CEH
Schinia diffusa	OTERO: US 50, Hadley Rest Area, 4620', NE of La Junta	28-Aug-03	CEH
Schinia walsinghami	ALAMOSA: San Juan Lakes at ranger station, 7513', nr Mosca	07-Aug-03	H/O
Schinia coercita	BENT: US 50, Las Animas, 3817'	28-Aug-03	CEH
Schinia unimacula	CHAFFEE: US 285 in Poncha Springs, 7455'	07-Aug-03	H/O
Schinia unimacula	PUEBLO: US 50, S of Pueblo airport, 4584'	28-Aug-03	CEH
Schinia unimacula	LINCOLN: US 40 in Hugo, 5076'	28-Aug-03	CEH
Schinia cumatilis	BENT: US 50, Las Animas, 3817'	28-Aug-03	CEH
Schinia hulstia	FREMONT: US 50 at Cotopaxi, 6390'	07-Aug-03	H/O
Schinia hulstia	CHAFFEE: US 285 in Poncha Springs, 7455'	07-Aug-03	H/O
Schinia reniformis	BENT: US 50, Las Animas, 3817'	28-Aug-03	CEH

MONTANA

An exciting discovery was *Agriades cassiope* at high elevations in 4 western counties. The many fires and forest closures caused the focus to shift eastward to the prairies, where 2 other long-expected state records were found: *Erynnis juvenalis* and *Ancyloxypha numitor*, both known from touching counties in WY or ND previously. 87 county records were recorded for 36 butterfly species. Cumulative butterfly stats are now 89.4 avg spp/co, or 86.0% of projection. The state butterfly species total went up from 190 to 193; 200 seems more likely to occur someday, a few by "splitting" rather than by new discoveries [see also NM introduction].

Butterflies

HESPERIIDAE

<i>Epargyreus clarus</i>	RICHLAND: Elk Island fishing access, Yellowstone Rvr	12-Jun-03	SJK
<i>Epargyreus clarus</i>	WIBAUX: Ash Creek, S of Wibaux	26-Jun-03	SJK
<i>Erynnis juvenalis</i>	CARTER: 6 mi SW of Alzada, 3618'	04-Jun-03	SJK
STATE RECORD, long expected			
<i>Erynnis persius</i>	CUSTER: E of Custer Co. Cemetery, S of Miles City	25-Jun-03	SJK
must still redraw maps for <i>persius/afraanius</i> in MT			
<i>Pholisora catullus</i>	BIG HORN: 5 mi E of St. Xavier	26-Aug-03	SJK
<i>Ancyloxypha numitor</i>	TREASURE: Yellowstone Rvr, 1.5 mi N of Hysham	27-Jun-03 - 12-Aug-99	SJK
STATE RECORD, long expected			
<i>Ancyloxypha numitor</i>	YELLOWSTONE: fishing access, Yell. Rvr, 2 mi E of Waco	27-Jun-03 - 13-Aug-03	SJK
<i>Ancyloxypha numitor</i>	STILLWATER: Yellowstone Rvr, near Park City.	13-Aug-03	SJK
western-most known record in USA			
<i>Ancyloxypha numitor</i>	ROSEBUD: Amells Crk at SR 311, 5.5 mi W of Forsyth	13-Aug-03	SJK
<i>Ancyloxypha numitor</i>	DAWSON: Bog, S of I-94, 11.5 mi SW of Glendive	14-Aug-03	SJK
<i>Ancyloxypha numitor</i>	CUSTER: 2 mi NE of Miles City	14-Aug-03	SJK
<i>Ancyloxypha numitor</i>	PRAIRIE: Boggy draw NE of fairgrounds, Terry	14-Aug-03	SJK
<i>Ancyloxypha numitor</i>	RICHLAND: Burns Crk, 7 mi S of Savage	14-Aug-03	SJK
<i>Ancyloxypha numitor</i>	WIBAUX: Beaver Crk, S of Wibaux	14-Aug-03	SJK
<i>Ancyloxypha numitor</i>	BIG HORN: SR 313, 10 mi S of Hardin	26-Aug-03	SJK
not too shabby, get a STATE RECORD in 10 counties!			
<i>Thymelicus lineola</i> leg.SJK	MISSOULA: Peas Farm, Middle Rattlesnake	09-Jul-03	WK
<i>Thymelicus lineola</i> LATE	GRANITE: W of Racetrack Peak, 8300', Flint Creek Range	29-Jul-03	SJK
<i>Hesperia comma idaho</i>	JUDITH BASIN: Arrow Crk badlands, N of Stanford	26-Sep-03	SJK
<i>Hesperia comma assiniboia</i> W range extension	PONDERA: Lake Francis	27-Jul-03	WK
<i>Hesperia comma assiniboia</i>	SHERIDAN: Near Medicine Lake NWR	17-Aug-03	BW
<i>Hesperia comma assiniboia</i>	RICHLAND: SR 16 badlands, 3-6 mi S of Sidney	27-Aug-03	SJK
<i>Hesperia comma assiniboia</i>	ROOSEVELT: SR 16 rest area near Culbertson	27-Aug-03	SJK

Hesperia leonardus pawnee Carter and Prairie counties were confirmed in 2003	ROOSEVELT: Missoula River Breaks, SR 16, S of Culbertson	27-Aug-03	SJK
Hesperia leonardus pawnee	RICHLAND: SR 16 badlands, 3-6 mi S of Sidney	27-Aug-03	SJK
Polites rhesus 2nd county record for W MT	BROADWATER: Limestone Hills, Indian Crk, W of Townsend	21-May-03	SJK
Polites themistocles	WIBAUX: Ash Crk, S of Wibaux	26-Jun-03	SJK
Ochlodes sylvanoides	WIBAUX: Beaver Crk, S of Wibaux	14-Aug-03	SJK
Ochlodes sylvanoides also near Savage	RICHLAND: SR 16, 3 mi S of Sidney	14-Aug-03	SJK
Poanes hobomok	CUSTER: E of Custer Co. Cemetery, S of Miles City	03-Jun-03	SJK
Poanes hobomok	PRAIRIE: S bank, Yellowstone Rvr, 1 mi NE of Fallon	05-Jun-03	SJK
Poanes hobomok	DAWSON: E of Eyer Park, nr Yellowstone Rvr, Glendive	05-Jun-03 - 11-Jun-99	SJK
Poanes hobomok	ROSEBUD: Yellowstone Rvr, W of Forsyth, WRFA	11-Jun-03	SJK
Poanes hobomok	RICHLAND: Elk Island fishing access, Yellowstone Rvr	12-Jun-03	SJK
Poanes hobomok	TREASURE: Yellowstone Rvr, 1.5 mi N of Hysham	12-Jun-03 - 12-Jun-99	SJK
Poanes hobomok W range extension	YELLOWSTONE: Yellowstone Rvr, near Pompeys Pillar	24-Jun-03	SJK
Poanes hobomok	WIBAUX: Ash Creek, S of Wibaux	26-Jun-03	SJK
Amblyscirtes vialis	POWDER RIVER: Little Powder River, E of Broadus	04-Jun-02	SJK
Amblyscirtes vialis	DAWSON: E of Eyer Park, nr Yellowstone Rvr, Glendive	05-Jun-03 - 11-Jun-99	SJK
Amblyscirtes vialis	PRAIRIE: S bank, Yellowstone Rvr, 1 mi NE of Fallon	05-Jun-03	SJK
Amblyscirtes vialis	ROSEBUD: Farwest Fishing Access, Yell. Rvr, W of Forsyth	11-Jun-03	SJK
Amblyscirtes vialis NE range extension in MT	RICHLAND: Elk Island fishing access, Yellowstone Rvr	12-Jun-03	SJK
Amblyscirtes vialis	TREASURE: Yellowstone Rvr, 1.5 mi N of Hysham	12-Jun-03	SJK
Amblyscirtes vialis	YELLOWSTONE: fishing access, Yell. Rvr, 2 mi E of Waco	27-Jun-03	SJK
PAPILIONIDAE			
Papilio oregonius dodi	YELLOWSTONE: fishing access, Yell. Rvr, 2 mi E of Waco	27-Jun-03	SJK
Papilio multicaudatus	PRAIRIE: S bank, Yellowstone Rvr, 1 mi NE of Fallon	05-Jun-03	SJK
PIERIDAE			
Pontia protodice	RICHLAND: Badlands, SR 16, 3-6 mi S of Sidney	27-Aug-03	SJK
Euchloe olympia	BROADWATER: Limestone Hills, Indian Crk, W of Townsend	21-May-03	SJK
Euchloe olympia W range extension	JEFFERSON: Near Grace, N of Silver Star	27-May-03	SJK
Colias meadii lemhiensis	GRANITE: W of Racetrack Peak, 8500', Flint Creek Range	27-Jul-03	SJK
LYCAENIDAE			
Lycaena dione W range extension	BEAVERHEAD: Wyman Crk, 7283'	09-Aug-03	MLL
Lycaena editha montana leg. Keith Catlin Hughes; specimen at LACM	GLACIER: St. Mary Visitor Center, US 89, E of Glacier NP	10-Aug-54	KCH
Lycaena hyllus	CUSTER: Draw E of Custer Co. Cemetery, S of Miles City	25-Jun-03	SJK
Lycaena hyllus	BIG HORN: SR 313, 10 mi S of Hardin	26-Aug-03	SJK
Callophrys affinis	SILVER BOW: Rocky Ridge Trlhd, Divide Crk, 2.5 mi W of Feely	19-Jun-03	SJK
Strymon melinus	ROOSEVELT: Missoula River Breaks, SR 16, S of Culbertson	27-Aug-03	SJK
Strymon melinus	RICHLAND: Badlands, SR 16, 3-6 mi S of Sidney	27-Aug-03	SJK
Celastrina neglecta humulus all "C. neglecta" from MT seem to be C. humulus	CARTER: Vic. of Camp Needmore, 6 mi SE of Ekalaka	26-Jun-03	SJK
Plebejus acmon texana	ROOSEVELT: Missoula River Breaks, SR 16, S of Culbertson	27-Aug-03	SJK
Plebejus acmon texana "acmon complex" under study by PAO	MCCONE: SR 200, 1.4 mi SW of Circle	28-Aug-03	SJK
Agriades cassiope STATE RECORD, major range extension; review under way	RAVALLI: St. Mary Peak, nr Stevensville	15-Aug-82	SJK
Agriades cassiope	GRANITE: Goat Flat, Pintlar Range	26-Jul-00	SJK
Agriades cassiope	DEER LODGE: Near Storm Lake Pass, Pintlar Range	06-Jul-02	SJK
Agriades cassiope	MISSOULA: Lolo Peak, Bitterroot Mtns	28-Jul-03	SJK
RIODINIDAE			
Apodemia mormo ssp; NE range extension	ROOSEVELT: Missoula River Breaks, SR 16, S of Culbertson	27-Aug-03	SJK
Apodemia mormo ssp	RICHLAND: Badlands, SR 16, 3-6 mi S of Sidney	27-Aug-03	SJK
Apodemia mormo ssp	MCCONE: SR 200, 1.4 mi SW of Circle	28-Aug-03	SJK
Apodemia mormo ssp	CUSTER: US 12, 30 mi E of Miles City	28-Aug-03	SJK
Apodemia mormo ssp; SE range extension	FALLON: W of SR 7, 12 mi N of Baker	28-Aug-03	SJK
Apodemia mormo ssp	GARFIELD: West of Jordan	29-Aug-03	SJK

Apodemia mormo ssp	PETROLEUM: Melstone Rd, 1.3 mi S of Mosby	03-Sep-03	SJK
Apodemia mormo ssp	PHILLIPS: CR 307, off US 191, Missouri River Breaks	04-Sep-03	SJK
Apodemia mormo ssp; W range extension	FERGUS: Knox Ridge Rd, 5 mi W of US 191	04-Sep-03	SJK
Apodemia mormo ssp	Valley: Bluffs S of Hinsdale	10-Sep-03	SJK
NYPHALIDAE			
Polygonia progne	RICHLAND: Badlands, SR 16, 3-6 mi S of Sidney	27-Aug-03	SJK
Nymphalis milberti	RICHLAND: Badlands, SR 16, 3-6 mi S of Sidney	27-Aug-03	SJK
Nymphalis milberti	MCCONE: SR 200, 1.4 mi SW of Circle	28-Aug-03	SJK
Vanessa annabella	FERGUS: Arrow Crk breaks, SR 80, N of Stanford	26-Sep-03	SJK
Vanessa annabella	JUDITH BASIN: Arrow Crk badlands, N of Stanford	26-Sep-03	SJK
Speyeria cybele pseudocarpenteri	RICHLAND: Elk Island fishing access, Yellowstone Rvr	14-Aug-03	SJK
Speyeria edwardsii	RICHLAND: Elk Island fishing access, Yellowstone Rvr	14-Aug-03	SJK
Boloria selene ssp	PRAIRIE: Boggy draw NE of fairgrounds, Terry	14-Aug-03	SJK
Phyciodes cocyta ssp; SE range extension; known from adjacent SD and WY	CARTER: Ekalaka Park Cg, 8 mi SE of Ekalaka	26-Jun-02	SJK
Limenitis archippus	POWDER RIVER: Little Powder River, E of Broadus	04-Jun-03	SJK
Limenitis archippus	PRAIRIE: S bank, Yellowstone Rvr, 1 mi NE of Fallon	05-Jun-03	SJK
Limenitis archippus	ROSEBUD: W Rosebud Fishing Access, Yellowstone Rvr, Forsyth	25-Jun-03	SJK
Limenitis archippus	LIBERTY: Breed Crk, East Butte, Sweetgrass Hills	05-Aug-03	SJK
Cercyonis meadii	RICHLAND: Badlands, SR 16, 3-6 mi S of Sidney	27-Aug-03	SJK
Cercyonis meadii this species would be new from Canada!	ROOSEVELT: Missoula River Breaks, SR 16, S of Culbertson	27-Aug-03	SJK
Moths			
GEOMETRIDAE			
Eupithecia lafontaineata det CDF	MADISON: Lone Mountain, 9050'	17-Jul-03	PAO
Eupithecia zygadeniata det CDF; STATE RECORD ?; CDF has it from WY and OR	MADISON: Lone Mountain, 9050'	17-Jul-03	PAO
SPHINGIDAE			
Hyles euphorbiae	MINERAL: Lolo	28-Jul-03	JKA
ARCTIIDAE			
Neoarctia beanii WEST range extension in MT	MADISON: Lone Mountain, 9050'	17-Jul-03	PAO
NOCTUIDAE			
Catocala meskei	VALLEY: US 2 at W edge of Glasgow, 2100'	27-Jul-03	H/H
Pseudeva palligera	MINERAL: MT side of Lolo Pass	28-Jul-03	JKA
Heliothis phloxiphagus	VALLEY: US 2 at W edge of Glasgow, 2100'	27-Jul-03	H/H
Schinia jaguarina	ROOSEVELT: US 2 at W edge of Wolf Point, 2089'	27-Jul-03	H/H
Schinia meadi	YELLOWSTONE: Rest Area, westbound I-94, mp 41.5, 2903'	22-Jul-03	H/H
Schinia cumatilis	WIBAUX: I-94 at Wibaux, mp 242, 2870'	27-Jul-03	CEH
Schinia cumatilis	VALLEY: US 2 at W edge of Glasgow, 2100'	27-Jul-03	H/H
Schinia cumatilis	ROOSEVELT: US 2 at W edge of Wolf Point, 2089'	27-Jul-03	H/H
Schinia cumatilis	MCCONE: SR 13 near Vida, 2347'	27-Jul-03	CEH
Schinia cumatilis	DAWSON: I-94 at Glendive, mp 213, 2104'	27-Jul-03	CEH
Schinia hulstia	VALLEY: US 2 at W edge of Glasgow, 2100'	27-Jul-03	H/H

NEW MEXICO

The drought continued for another year, but 17 enthusiastic observers, photographers, and collectors found over 50 each butterfly species and county records, including 2 state record species. *Papilio astyalus* was documented by excellent photos sent out by email to about 10 authorities to render opinions on determination [*astyalus* vs. *ornythion*], and after much discussion there was unanimity for the former species. Late in the season, a fresh individual of *Doxocopa laure* was collected in Hidalgo Co. for the second state record. There were even more very late dates recorded for butterflies, for 30 species, most of them in December. *Pontia sisymbrii* was recorded on 21 December, which is considered an EARLY date rather than late for this early spring univoltine pierid. Cumulative stats are now 321 butterfly species, 120.0 avg spp/co, or 92.2% of projection. John Glaser contributed an impressive list of Geometridae collected over several years and determined by the late Douglas C. Ferguson.

Butterflies

HESPERIIDAE

Staphylus ceos not highest elevation in the state; high NM record is 6800', flank of Animas Paek	Sierra: Kingston, 6200'	01-Sep-03	BN
---	-------------------------	-----------	----

Pyrgus communis or albescens; LATE	Valencia: 20 mi SE of Belen	14-Dec-03	DJF
Pyrgus philetas LATE	Hidalgo: Guadalupe Canyon	29-Nov-03	BN
Pholisora catullus LATE	VALENCIA: 20 mi SE of Belen	26-Nov-02	DJF
Ancyloxypha arene N range extension	BERNALILLO: South Valley, Albuquerque	04-Oct-03	BN
Hylephila phyleus LATE	Valencia: 20 mi SE of Belen	26-Nov-02	DJF
Polites sabuleti	San Juan: San Juan River, below Navajo Dam	18-Aug-03	SJC
Polites origenes rhenae LATE	TAOS: US 64 @ Cimarron Rvr, 7958', 5 mi E Eagle Nest	26-Jul-03	MLL
Amblyscirtes texanae 2nd county record	Socorro: Hop Canyon, Magdalena Mtns.	19-Jul-03	CR
Megathymus streckeri 2nd county record	Lea: North of Tatum	05-May-03	BN
Megathymus ursus larva in Yucca baccata	GRANT: Gila NF, SR 15 along Cherry Crk	15-Nov-03	NVG
Megathymus ursus larva in Yucca baccata	SIERRA: Gila NF, SR 152, 1.7 air mi SW Kingston	16-Nov-03	NVG
Megathymus ursus larva in Yucca baccata; LATE	BERNALILLO: 16 air mi E of Albuquerque	29-Nov-03	NVG
PAPILIONIDAE			
Papilio astyalus STATE RECORD and ZONE RECORD, photos	HARDING: Roy	22-Jun-03	CR
PIERIDAE			
Pontia sisymbrii	Bernalillo: Cienega Canyon, Sandia Mtns.	30-May-03	SD
Pontia sisymbrii EARLY	Valencia: 20 mi SE of Belen	21-Dec-03	DJF
Pontia protodice LATE	Valencia: 20 mi SE of Belen	14-Dec-03	DJF
Colias eurytheme LATE	Valencia: 20 mi SE of Belen	14-Dec-03	DJF
Zerene cesonia EARLY	Grant: Mimbres River	26-Jan-03	CR
Anteos clorinde with LM1	LUNA: 2 miles S of Deming	28-Sep-03	DAZ
Phoebis sennae LATE	Valencia: 20 mi SE of Belen	26-Nov-02	DJF
Phoebis agarithe with DE1	OTERO: West of Sacramento, Sacramento Mtns.	18-Aug-03	BN
Kricogonia lyside with BN	SIERRA: Percha Dam State Park	30-Aug-03	DE1
Kricogonia lyside with DE1; LATE	Hidalgo: Guadalupe Canyon	29-Nov-03	BN
Eurema proterpia with DE1; LATE	Hidalgo: Guadalupe Canyon	29-Nov-03	BN
Eurema lisa with BN; EARLY	Hidalgo: Clanton Draw	05-Apr-03	DE1
Eurema nicippe LATE	Valencia: 20 mi SE of Belen	14-Dec-03	DJF
LYCAENIDAE			
Atlides halesus N range extension	Taos: 5 mi SW of Ranchos de Taos	12-May-03	KE
Atlides halesus with DE1; LATE	Hidalgo: Guadalupe Canyon	29-Nov-03	BN
Satyrium behrii with BN; confirms county record; high elevation ?	Bernalillo: Crest Road, 8700', Sandia Mtns.	04-Jul-03	CR
Ministrymon leda with BN; LATE	Hidalgo: Guadalupe Canyon	29-Nov-03	DE1
Strymon melinus LATE	Valencia: 20 mi SE of Belen	26-Nov-02	DJF
Leptotes marina LATE	Valencia: 20 mi SE of Belen	26-Nov-02	DJF
Hemiargus ceraunus confirms record in 2002	Valencia: Bosque Bridge and southward	24-Aug-03	CR
Hemiargus isola LATE	Valencia: 20 mi SE of Belen	14-Dec-03	DJF

RIODINIDAE

Calephelis nemesis DE BACA: Bosque Redondo 21-Sep-03 SD
with DE1 and BN; way north range extension

NYMPHALIDAE

Libytheana bachmanii larvata Bernalillo: Albuquerque Botanic Garden 05-Dec-03 DJF
LATE
Polygonia interrogationis Sierra: Kingston, 6200' 06-Apr-03 BN
with DE1; 2nd record from Sierra County
Nymphalis antiopa Bernalillo: Rio Grande Nature Center, Albuquerque 16-Jan-03 SD
EARLY
Vanessa virginiensis Valencia: 20 mi SE of Belen 26-Nov-02 DJF
LATE
Vanessa cardui Luna: Deming 20-Jan-03 CR
EARLY
Vanessa atalanta Hidalgo: Guadalupe Canyon 29-Nov-03 DE1
with BN; LATE
Junonia coenia Valencia: 20 mi SE of Belen 14-Dec-03 DJF
LATE
Junonia nigrosuffusa Hidalgo: Guadalupe Canyon 29-Nov-03 BN
with DE1; LATE
Euptoieta claudia Valencia: 20 mi SE of Belen 06-Dec-03 DJF
LATE
Anthanassa texana Hidalgo: Guadalupe Canyon 29-Nov-03 DE
with BN; LATE
Phyciodes tharos RIO ARRIBA: Espanola 23-Aug-03 SD
gotta be in Santa Fe County at low elevations
Chlosyne gorgone BERNALILLO: South Valley, Albuquerque 07-Aug-03 BN
with DE1
Chlosyne lacinia Valencia: 20 mi SE of Belen 26-Nov-02 DJF
LATE
Thessalia theona thekla Eddy: Walnut Canyon, Guadalupe Mtns. 03-May-03 BN
2nd county record
Mestra amymone OTERO: Agua Chiquita Creek 09-Aug-03 SJC
EARLY
Anaea troglodyta aidea Hidalgo: Guadalupe Canyon 29-Nov-03 DE1
with BN; LATE
Asterocampa leilia Hidalgo: Guadalupe Canyon 29-Nov-03 BN
with DE1; LATE
Doxocopa laure HIDALGO: Rodeo, in JS butterfly garden; she called RZ. 05-Oct-03 JS3
STATE RECORD
Danaus plexippus Valencia: 20 mi SE of Belen 26-Nov-02 DJF
LATE
Danaus gilippus thersippus Hidalgo: Guadalupe Canyon 29-Nov-03 DE1
with BN; LATE

Moths**GEOMETRIDAE**

Itame flavicaria BERNALILLO: Sandia Peak, 8000' 07-Aug-01 JDG
Itame schatzeata EDDY: Dark Canyon at SR 137 18-Jul-01 JDG
Itame pallipennata EDDY: Sitting Bull Falls, 4800' 17-Jul-01 JDG
Itame pallipennata OTERO: Oliver Lee State Park 21-Jul-01 JDG
Semiothisa aemulataria EDDY: Dark Canyon at SR 137 18-Jul-01 JDG
Semiothisa atrofasciata BERNALILLO: Sandia Peak, 8000" 07-Aug-01 JDG
Semiothisa atrofasciata CIBOLA: 5 mi.W. of Mt. Taylor 01-Aug-02 - 29-Aug-02 JDG
Semiothisa atrofasciata SOCORRO: Water Canyon, Magdalena Mts. 06-Aug-02 - 30-Aug-02 JDG
Semiothisa muscariata resperata OTERO: 2 mi E. of Sunspot, Sacramento Mts. 21-Jul-01 JDG
Semiothisa muscariata resperata LINCOLN: 9 mi SW of Corona 24-Jul-01 JDG
Semiothisa colorata DONA ANA: Anthony 20-Jul-01 JDG
Semiothisa colorata GUADALUPE: Santa Rosa 25-Jul-01 JDG
Semiothisa triviata EDDY: Queen, Guadalupe Mts. 19-Jul-01 JDG
Semiothisa triviata LINCOLN: 9 mi SW of Corona 24-Jul-01 JDG
Semiothisa neptaria SOCORRO: Water Canyon, Magdalena Mts. 06-Aug-02 - 30-Aug-02 JDG
Semiothisa parcata EDDY: Queen, Guadalupe Mts. 19-Jul-01 JDG
Semiothisa cyda GUADALUPE: Santa Rosa 25-Jul-01 JDG
Narraga fimetaria EDDY: Sitting Bull Falls, 4800' 17-Jul-01 JDG
Narraga fimetaria Eddy: Queen, Guadalupe Mts. 19-Jul-01 JDG
Narraga fimetaria DONA ANA: Anthony 20-Jul-01 JDG
Narraga fimetaria GUADALUPE: Santa Rosa 25-Jul-01 JDG
Narraga stalactaria EDDY: Queen, Guadalupe Mts. 19-Jul-01 JDG

<i>Xenoecista mendicata</i>	SOCORRO: Water Canyon, Magdalena Mts.	06-Aug-02	JDG
<i>Glena nigricaria</i>	Lincoln: 8m.W. Alto, Sacramento Mts.	22-Jul-01	JDG
<i>Glena nigricaria</i>	LINCOLN: 9 mi SW of Corona	24-Jul-01	JDG
<i>Glena macdunnougharia</i>	EDDY: Queen, Guadalupe Pks.	19-Jul-01	JDG
<i>Stenoporpia pulchella</i>	OTERO: Oliver Lee State Pk.	21-Jul-01	JDG
<i>Stenoporpia dissonaria</i>	EDDY: Dark Canyon at Rt. 137	18-Jul-01	JDG
<i>Stenoporpia purpuraria</i>	LINCOLN: 8 ml W of Alto, Sacramento Mts.	22-Jul-01	JDG
<i>Stenoporpia vernallella</i>	CIBOLA: 5 mi W Mt. Taylor	01-Aug-02	JDG
<i>Stenoporpia vernallella</i>	SOCORRO: Water Canyon, Magdalena Mts.	06-Aug-02 - 30-Aug-02	JDG
<i>Glaucina interruptaria</i>	BERNALILLO: Sandia Peak, 8000'	07-Aug-02	JDG
<i>Glaucina interruptaria</i>	SOCORRO: Water Canyon, Magdalena Mts.	30-Aug-03	JDG
<i>Anavitrinelia pampinaria</i>	EDDY: Sitting Bull Falls, 4800'	17-Jul-01	JDG
<i>Anavitrinelia pampinaria</i>	EDDY: Queen, Guadalupe Mts.	19-Jul-01	JDG
<i>Protoboarmia porcelaria</i>	BERNALILLO: Sandia Peak, 8000'	07-Aug-02	JDG
<i>Prionomelia spododea</i>	LINCOLN: 9 mi SW of Corona	23-Jul-98	JDG
<i>Galenara lixarioides</i>	CIBOLA: 5 mi W Mt. Taylor	01-Aug-02	JDG
<i>Vinemina opacaria</i>	BERNALILLO: Sandia Peak, 8000'	07-Aug-02	JDG
<i>Vinemina opacaria</i>	CIBOLA: 5 mi W Mt. Taylor	29-Aug-03	JDG
<i>Vinemina opacaria</i>	SOCORRO: Water Canyon, Magdalena Mts.	30-Aug-03	JDG
<i>Biston betularia</i>	BERNALILLO: Sandia Peak, 8000'	07-Aug-02	JDG
<i>Drepanulatrix bifilata</i>	SOCORRO: Water Canyon, Magdalena Mts.	06-Aug-02 - 30-Aug-02	JDG
<i>Drepanulatrix secundaria</i>	LINCOLN: 8 ml W of Alto, Sacramento Mts.	22-Jul-01	JDG
<i>Ixala desperaria</i>	LINCOLN: 9 mi SW of Corona	24-Jul-01	JDG
<i>Chloraspilates bicoloraria</i>	EDDY: Sitting Bull Falls, 4800'	17-Jul-01	JDG
<i>Chloraspilates bicoloraria</i>	EDDY: Dark Canyon at SR 137	18-Jul-01	JDG
<i>Pero radiosaria</i>	EDDY: Sitting Bull Falls, 4800'	17-Jul-01	JDG
<i>Pero radiosaria</i>	EDDY: Dark Canyon at SR 137	18-Jul-01	JDG
<i>Pero radiosaria</i>	GUADALUPE: Santa Rosa	25-Jul-01	JDG
<i>Pero gigantea</i>	BERNALILLO: Sandia Peak, 8000'	07-Aug-02	JDG
<i>Pero modesta</i>	CIBOLA: 5 mi W Mt. Taylor	01-Aug-02	JDG
<i>Pero modesta</i>	SOCORRO: Water Canyon, Magdalena Mts.	06-Aug-02 - 30-Aug-02	JDG
<i>Gabriola minor</i>	BERNALILLO: Sandia Peak, 8000'	07-Aug-02	JDG
<i>Yermoia perplexata</i>	SOCORRO: Water Canyon, Magdalena Mts.	06-Aug-02 - 30-Aug-02	JDG
<i>Eriplatymetra coloradaria</i>	CIBOLA: 5 mi W Mt. Taylor	01-Aug-02	JDG
<i>Lychnosea helveolaria</i>	OTERO: 2 mi E of Sunspot, Sacramento Mts.	21-Jul-01	JDG
<i>Caripeta aequaliaria</i>	SOCORRO: Water Canyon, Magdalena Mts.	06-Aug-02 - 30-Aug-02	JDG
<i>Snowia montanaria</i>	OTERO: 2 mi E of Sunspot, Sacramento Mts.	21-Jul-01	JDG
<i>Destutia flumenata</i>	LINCOLN: 8 ml W of Alto, Sacramento Mts.	22-Jul-01	JDG
<i>Destutia excelsa</i>	BERNALILLO: Sandia Peak, 8000'	07-Aug-02	JDG
<i>Destutia excelsa</i>	SOCORRO: Water Canyon, Magdalena Mts.	30-Aug-03	JDG
<i>Lambdina laeta</i>	SOCORRO: Water Canyon, Magdalena Mts.	06-Aug-02 - 30-Aug-02	JDG
<i>Lambdina laeta</i>	BERNALILLO: Sandia Peak, 8000'	07-Aug-02	JDG
<i>Lambdina phantoma</i>	LINCOLN: 8 ml W of Alto, Sacramento Mts.	22-Jul-01	JDG
<i>Sicya morsicaria</i>	CIBOLA: 5 mi W Mt. Taylor	01-Aug-02	JDG
<i>Sicya olivata</i>	BERNALILLO: Sandia Peak, 8000'	07-Aug-02	JDG
<i>Somatolophia pallescens</i>	SOCORRO: Water Canyon, Magdalena Mts.	06-Aug-02	JDG
<i>Somatolophia pallescens</i>	BERNALILLO: Sandia Peak, 8000'	07-Aug-02	JDG
<i>Prochoerodes forficaria</i>	SOCORRO: Water Canyon, Magdalena Mts.	06-Aug-02	JDG
<i>Sabulodes sericeata</i>	SOCORRO: Water Canyon, Magdalena Mts.	06-Aug-02 - 30-Aug-02	JDG
<i>Enypia venata</i>	BERNALILLO: Sandia Peak, 8000'	07-Aug-02	JDG
<i>Nemoria darwiniata</i>	SOCORRO: Water Canyon, Magdalena Mts.	06-Aug-02	JDG
<i>Nemoria obliqua</i>	SOCORRO: Water Canyon, Magdalena Mts.	30-Aug-03	JDG
<i>Nemoria caeruleascens</i>	SOCORRO: Water Canyon, Magdalena Mts.	30-Aug-03	JDG
<i>Synchlora frondaria avidaria</i>	EDDY: Sitting Bull Falls, 4800'	17-Jul-01	JDG
<i>Cheteoscelis bistrifaria</i>	CIBOLA: 5 mi W Mt. Taylor	01-Aug-02	JDG
<i>Cheteoscelis bistrifaria</i>	SOCORRO: Water Canyon, Magdalena Mts.	30-Aug-03	JDG
<i>Euacidalia quakerata</i>	EDDY: Sitting Bull Falls, 4800'	17-Jul-01	JDG
<i>Lobocleta lanceolata</i>	EDDY: Sitting Bull Falls, 4800'	17-Jul-01	JDG
<i>Lobocleta lanceolata</i>	Eddy: Queen, Guadalupe Mts.	19-Jul-01	JDG
<i>Lobocleta lanceolata</i>	QUAY: Logan.	26-Jul-01	JDG
<i>Lobocleta griseata</i>	EDDY: Queen, Guadalupe Mts.	19-Jul-01	JDG
<i>Lobocleta griseata</i>	QUAY: Logan.	26-Jul-01	JDG
<i>Lobocleta peralbata</i>	EDDY: Queen, Guadalupe Mts.	19-Jul-01	JDG
<i>Lobocleta peralbata</i>	LINCOLN: 8 ml W of Alto, Sacramento Mts.	01-Aug-02	JDG
<i>Idaea furciferata</i>	EDDY: Sitting Bull Falls, 4800'	17-Jul-01	JDG
<i>Idaea eremiata</i>	EDDY: Sitting Bull Falls, 4800'	17-Jul-01	JDG
<i>Idaea occidentaria</i>	EDDY: Sitting Bull Falls, 4800'	17-Jul-01	JDG

Scopula ancillata	OTERO: 2 mi E of Sunspot, Sacramento Mts.	22-Jul-01	JDG
Scopula siccata	OTERO: 2 mi E of Sunspot, Sacramento Mts.	22-Jul-01	JDG
Dysstroma formosa	CIBOLA: 5 mi W Mt. Taylor	01-Aug-02	JDG
Hydriomena barnesata	CIBOLA: 5 mi W Mt. Taylor	01-Aug-02	JDG
Hydriomena cyriadoides	OTERO: 2 mi E of Sunspot, Sacramento Mts.	22-Jul-01	JDG
Coryphista meadii	BERNALILLO: Sandia Peak, 8000'	07-Aug-02	JDG
Archirhoe neomexicana	EDDY: Dark Canyon at SR 137	18-Jul-01	JDG
Archirhoe neomexicana	SOCORRO: Water Canyon, Magdalena Mts.	06-Aug-02	JDG
Spargania viridescens	OTERO: 2 mi E of Sunspot, Sacramento Mts.	22-Jul-01	JDG
Spargania aurata	BERNALILLO: Sandia Peak, 8000'	07-Aug-02	JDG
Perizoma actuata	OTERO: 2 mi E of Sunspot, Sacramento Mts.	22-Jul-01	JDG
Perizoma actuata	LINCOLN: 9 mi SW of Corona	24-Jul-01	JDG
Perizoma oxygramma	BERNALILLO: Sandia Peak, 8000'	07-Aug-02	JDG
Perizoma custodiata	CIBOLA: 5 mi W Mt. Taylor	01-Aug-02	JDG
Perizoma custodiata	SOCORRO: Water Canyon, Magdalena Mts.	30-Aug-03	JDG
Xanthorhoe mirabilata	LINCOLN: 8 mi W of Alto, Sacramento Mts.	22-Jul-01	JDG
Epithoe alternata	LINCOLN: 8 mi W of Alto, Sacramento Mts.	22-Jul-01	JDG
Eubaphe unicolor	Eddy: Sitting Bull Falls, 4800'	17-Jul-01	JDG
Eubaphe unicolor	EDDY: Queen, Guadalupe Mts.	19-Jul-01	JDG
Eubaphe unicolor	SOCORRO: Water Canyon, Magdalena Mts.	06-Aug-02	JDG
Eupithecia insolabilis	BERNALILLO: Sandia Peak, 8000'	07-Aug-02	JDG
Eupithecia edna	EDDY: Queen, Guadalupe Mts.	19-Jul-01	JDG
Eupithecia edna	SOCORRO: Water Canyon, Magdalena Mts.	30-Aug-03	JDG
Eupithecia piccata	OTERO: 2 mi E of Sunspot, Sacramento Mts.	22-Jul-01	JDG
Eupithecia herefordaria	GRANT: Mill Canyon	07-Apr-03	CDF
"E. herefordi" is actually several species, per CDF			
Eupithecia subcolorata	LINCOLN: 8 mi W of Alto, Sacramento Mts.	22-Jul-01	JDG
Eupithecia flavigutta	OTERO: 2 mi E of Sunspot, Sacramento Mts.	22-Jul-01	JDG
Eupithecia helena	LINCOLN: 8 mi W of Alto, Sacramento Mts.	22-Jul-01	JDG
Eupithecia helena	BERNALILLO: Sandia Peak, 8000'	07-Aug-02	JDG
Prorella discoidalis	LINCOLN: 9 mi SW of Corona	24-Jul-01	JDG
Prorella discoidalis	SOCORRO: Water Canyon, Magdalena Mts.	30-Aug-03	JDG
Lobophora montanata	OTERO: 2 mi E of Sunspot, Sacramento Mts.	22-Jul-01	JDG
SATURNIIDAE			
Citheronia splendens	GRANT: Little Dry Crk Rd, 5123', off Hwy 180, Gila NF	20-Jul-03	RJB
SPHINGIDAE			
Sagenosoma elsa	GRANT: Little Dry Crk Rd, 5123', off Hwy 180, Gila NF	20-Jul-03	RJB
NOCTUIDAE			
Pseudanthoecia tumida on Helianthus annuus	COLFAX: E of I-25, nr Tinaja, 6051', Exit 336	12-Sep-03	CEH
Heliocheilus toralis	QUAY: SR 54 at Logan, 3791'	11-Sep-03	CEH
Schinia tertia	QUAY: SR 54 at Logan, 3791'	11-Sep-03	CEH
Schinia coercita	QUAY: SR 54 at Logan, 3791'	11-Sep-03	CEH
Schinia alencis	QUAY: San Jon, 3989', SR 469 S of I-40	12-Sep-03	CEH
Schinia ciliata	QUAY: San Jon, 3989', SR 469 S of I-40	12-Sep-03	CEH

UTAH

Nine contributors sent about 2 dozen county record species, about half for moths, including 2 state records for Noctuids, collected and genitally determined by Cliff Ferris. Cumulative stats are little changed from 2002; there are now 115.1 avg butterfly species/co, or 93% of projection.

Butterflies

HESPERIIDAE

Thorybes pylades	WASATCH: Center Cn, nr US 40 at Daniels Canyon	26-Jun-03	ARM
Erynnis icelus	WASATCH: Center Cn, nr US 40 at Daniels Canyon	26-Jun-03	ARM
Pyrgus ruralis	Wasatch: S Fk Deer Crk, Cascade Springs Rd	31-May-03	ARM
Hesperopsis libya confertiblanca several subsequent rearings on Atriplex confertifolia	EMERY: 2.5 mi S San Rafael Rvr Bridge, 5400'	29-Aug-03	TLS
Thymelicus lineola 2nd county record, 2000' lower than the one in 2002	Wasatch: nr Heber Vy RR, 5600', SR 113 nr Charleston	19-Jul-03	TLS
Hesperia uncas fresh female photographed; bright orange dorsally	SUMMIT: China Meadows, 9500'	30-Jul-03	RKS
Polites themistocles	WASATCH: nr Heber Vy RR, 5600', SR 113 nr Charleston	27-Jun-02	TLS
Euphyes vestris moist portion of same canyon as Amblyscirtes aenus	IRON: slot canyon, 6000', S of Kanarraville	16-Jun-02	SDS
Amblyscirtes aenus	IRON: slot canyon, 6000', S of Kanarraville	16-Jun-02	SDS

PIERIDAE

Nathalis iole WEBER: Taylor Cn, 4900', 1.3 mi NE of Weber State Univ. 16-Apr-03 TLS
EARLY

LYCAENIDAE

Lycaena editha UINTAH: Red Cloud Loop, switchback over Brush Crk, 8386' 29-Aug-03 MLL
Lycaena nivalis DAGGETT: Meadow 2.5 mi E of Spirit Lake, 9640' 26-Aug-03 MLL
Brepidium exile BEAVER: Squaw Spg, W of Milford, San Francisco Mtns 27-Sep-03 SDS

NYMPHALIDAE

Vanessa virginiensis Utah: Provo Rvr Pkwy, 4500', 4.1 rd mi W of Provo 11-Aug-87 TLS
1st record for nearly 100 years!
Vanessa virginiensis Utah: Provo, Rock Canyon 28-May-03 ARM
always uncommon in Utah
Chlosyne neumoegeni KANE: Wahweep Arroyo, 3900', mp 5 on US 89 20-Apr-03 RKS
C. acastus, perhaps conspecific, is known from Kane County

Moths**ARCTIIDAE**

Lycomorpha grotei PIUTE: US 89 Rest Area, just S of Sevier County line 02-Aug-03 JKA
Arachnis picta PIUTE: US 89 Rest Area, just S of Sevier County line 02-Aug-03 JKA
Pararctia yarrowii SUMMIT: Murdock Mtn, 10709', Wasatch-Cache NF 09-Jul-03 RJB
Ectypia clio SEVIER: Big Rock Candy Mountain area 02-Aug-03 JKA
Pygarctia spraguei GRAND: Moab 03-Aug-03 JKA

NOCTUIDAE

Catocala parta UTAH: Provo, 1 mi W of Utah Lake SP, 4514' 18-Jul-03 RJB
Catocala verrilliana SEVIER: Big Rock Candy Mountain area 02-Aug-03 JKA
Argentostiria koebelei EMERY: Goblin Valley 22-May-03 CDF
STATE RECORD; major range extension
Protogygia querula GRAND: East of Cisco 21-May-83 CDF
Protogygia biclavis GRAND: East of Cisco 09-Apr-03 CDF
STATE RECORD; major range extension
Protogygia elevata GRAND: East of Cisco 09-Apr-03 CDF
Abagrotis mirabilis PIUTE: US 89 Rest Area, just S of Sevier County line 02-Aug-03 JKA

WYOMING

There were 23 species with county records, mainly by RKS in far western counties where we had not done much field work in previous years. Cumulative butterfly stats are little changed from 2002, 108.9 avg spp/co or 90.4% of projection. Species total remains at 215.

Butterflies**HESPERIIDAE**

Piruna pirus TETON: Moose-Wilson Rd, on dogbane, 7000' 27-Jul-03 RVK
known in adjacent ID, but 1st record in NW WY
Polites draco Fremont: between Jackass Pass & Lonesome Lake, 10417' 19-Aug-03 MLL
rarely reported from the Wind River Range
Ochlodes sylvanoides HOT SPRINGS: Buffalo Crk Rd, 5100', 6 mi SE of Thermopolis 15-Aug-03 RKS

PIERIDAE

Neophasia menapia TETON: Willow Creek NF campground, nr jct US 189/FR 30460 14-Aug-03 RKS
nectaring on roadside flowers
Neophasia menapia SUBLETTE: New Fork Lake NF campground, 7650' 14-Aug-03 RKS
mainly fresh males; all quite small
Neophasia menapia HOT SPRINGS: Buffalo Crk Rd, 6100', 11 mi SE of Thermopolis 15-Aug-03 RKS
several nectaring and flying; few central WY data
Pieris marginalis HOT SPRINGS: Buffalo Crk Rd, 6100', 11 mi SE of Thermopolis 15-Aug-03 RKS
Euchloe ausonides coloradensis GOSHEN: Lone Tree Canyon, 4700', 10 mi SWS Hawk Spgs 27-May-94 RES
now recorded in all 24 WY counties
Colias gigantea harroweri Fremont: Smith Lake trail, 9400-9750' 30-Jul-03 - 31-Jul-99 PT1
six Colias species found within a mile
Colias scudderii UINTA: Below Stateline Dam, 9100' 30-Jul-03 RKS
not bog-willow habitat; could be C. pelidne

LYCAENIDAE

Lycaena nivalis browni HOT SPRINGS: Buffalo Crk Rd, 6100', 11 mi SE of Thermopolis 15-Aug-03 RKS
Lycaena mariposa HOT SPRINGS: Buffalo Crk Rd, 6100', 11 mi SE of Thermopolis 15-Aug-03 RKS
mesic riparian habitat with Vaccinium and Douglas Fir
Satyrium sylvinum UINTA: Bear River rest area off I-80, Evanston, 6748' 30-Jul-03 RKS
Satyrium sylvinum SUBLETTE: Middle Piney Crk at US 189, near Big Piney 14-Aug-03 RKS
Satyrium saepium Sublette: 2 mi below Elkhart Park, 10 mi E. Pinedale, 9226' 01-Aug-03 MLL
Lycaeides melissa pseudosamuels CARBON: Sierra Madre Mtns, NF Road near Lake Marie 07-Aug-03 - 09-Aug-03 JAH
det as melissa by CDF; discussion continues

NYMPHALIDAE

Polygona faunus	LINCOLN: Murphy Crk Rd, 6600', Salt River Range	14-Aug-03	RKS
Polygona faunus	HOT SPRINGS: Buffalo Crk Rd, 6100', 11 mi SE of Thermopolis	15-Aug-03	RKS
Nymphalis californica	HOT SPRINGS: Buffalo Crk Rd, 6100', 11 mi SE of Thermopolis	15-Aug-03	RKS
Speyeria hydaspe sakuntala	UINTA: Below Stateline Dam, 9100'	30-Jul-03	RKS
Speyeria hydaspe sakuntala	HOT SPRINGS: Buffalo Crk Rd, 6100', 11 mi SE of Thermopolis	15-Aug-03	RKS
Cercyonis pegala	CARBON: Along creek just N of city park, Alcova, 5600'	16-Aug-03	RKS
now recorded in all 24 WY counties			
Oeneis taygete	Fremont: E of Peak 12539	31-Jul-03	PT1
four Oeneis species found in vicinity over 3 days			

Moths

SPHINGIDAE

Hyles euphorbiae	JOHNSON: Buffalo	02-Aug-03	JWB
STATE RECORD			

NOCTUIDAE

Catocala junctura	JOHNSON: Westbound I-90, mp 25, 4545', S of Buffalo	22-Jul-03	CEH
Noctua pronuba	CARBON: SR 130, 0.4 mi SW of Lake Marie	08-Aug-03	JAH
2nd record from WY			
Schinia jaguarina	Converse: SR 59, N of Douglas, 4913'	21-Jul-03	CEH
Schinia simplex	PLATTE: Along I-25, S end of Wheatland	21-Jul-03	CEH
Schinia alba fasciata	JOHNSON: Hwy I-90, mp 89, 32 mi E of Buffalo	22-Jul-03	CEH

Zone 5 Great Plains

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

Coordinator: Ronald Alan Royer

Contributors Cited:

JKA : James K. Adams
 BOB : Bob Bereiger
 NED : Neil E. Dankert
 DE2 : Dana Espenscheid
 MIF : Mike Fritz
 CEH : Charles E. Harp
 TJH : Tyler Hughes
 GMM : Gary M. Marrone
 GEN : Gary E. Nielsen
 JMR : Jim M. Reiser
 RAR : Ronald Alan Royer
 CAS : Charles A. Sekerman
 RES : Ray E. Stanford

A-S : William Allgeier & Steve Spomer
 K_C : Keith Cortliss
 NJD : Neil Dankert & Jennifer Dankert
 GMF : Gerald Fauske
 WG : Walter Gerard
 H/G : Chuck Harp & Matt Garhart
 A_J : Austin Joy
 CLM : Connie McCartney
 JO1 : Jim Oberfoell
 BER : Bryan E. Reynolds
 SER : Susie Ruby
 S-S : Chuck Sekerman & Ray Stanford
 JBT : Jim Thayer

GGA : Gary G. Anweiler
 JLD : Jennifer L. Dankert
 DLE : David L. Eiler
 JFF : J.F. Ferguson
 MAG : Mike Gollop
 RRH : Ronald R. Hooper
 JK : John Kozial
 JMN : John M. Nelson
 LBP : Loren & Babs Padelford
 K_R : Kayla Rodin
 RNS : Richard N. Seaman
 SMS : Steven M. Spomer
 SW : Scott Weins

SASKATCHEWAN

Mike Gollop reports that conditions over much of Saskatchewan in 2003 were similar in that there was slightly below to somewhat above average moisture until about July 1, after which drought conditions took over the whole southern area. The overall impact on butterflies as measured by the 4JC counts was a return to normal or above normal numbers of species compared to the low species counts of 2002. The exception was migratory species where for the second year the numbers were low.

Butterflies

HESPERIIDAE

Pyrgus centaureae	: Pasquia Hills	13-Jun-03	JK
far south			
Pyrgus communis	: Armit - Silica Sands Rd	29-Jun-03	JK
NE in SK			
Ancyloxypha numitor	: 14 mi S Saskatoon	14-Jul-03	MAG
NW in SK			
Thymelicus lineola	: Duck Mountain Provincial Park	18-Jun-03	RRH
6th SK record			

PIERIDAE

Pontia protodice	: Erwood + Bjork Lake	31-Jul-03 - 30-Aug-03	JK
rare migrant in NE SK			

LYCAENIDAE

Feniseca tarquinius	: 0.5 mi. S Duck Mountain Park	07-Jul-03	RRH
PROVINCIAL RECORD			
Satyrum acadicum	: SE of Somme	19-Jul-03	JK
rare in NE SK			
NYMPHALIDAE			
Nymphalis californica	: Bjork Lake	12-Aug-03	JK
rare in NE SK			
Vanessa virginiensis	: Mistatim + Bjork Lake	12-Aug-03 - 30-Aug-03	JK
rare migrant in NE SK			
Speyeria callippe	: Pasquia Hills	12-Jul-03	JK
2nd furthest NE SK record			
Speyeria mormonia	: Bjorkdale	21-Jun-03	JK
rare in NE SK			
Moths			
SATURNIIDAE			
Actias luna	: Pasquia Hills	15-Jun-03	JK
rare this far north			
SPHINGIDAE			
Sphinx vashti	: Crooked Lake - Qu'Appelle Valley	25-May-03	GGA
nectaring on lilac; no previous known reports of nectaring			
Sphinx kalmiae	: SW of Armit	28-Jun-03 - 09-Jul-03	JK
2nd & 3rd for NE SK			
Proserpinus juanita	: Crooked Lake - Qu'Appelle Valley	25-May-03 - 28-May-03	A-S
2nd & 3rd SK record; 8th Canada record			
Hyles lineata	: 6 mi NE Bjorkdale	05-Aug-03	JK
rare in NE SK			
NOCTUIDAE			
Catocala coelebs	: 6 mi NE Bjorkdale	03-Aug-03 - 04-Aug-03	JK
PROVINCIAL RECORD; furthest NW record in North America			

KANSAS

Ray Stanford submitted two records.

Butterflies

HESPERIIDAE

Atrytone arogos	MARION: US 50, 4 mi E of Florence	08-Sep-03	RES
Lerodea eufala	RUSSELL: US281, 10 mi S of Russell	08-Sep-03	RES

NEBRASKA

Neil Dankert reports that 106 species and 85 county butterfly records were tallied by contributors in 2003. Spring was right on schedule over most of the state. While rains returned to much of Nebraska in 2003, by July some western areas slipped back into the third year of drought. Kearney recorded the driest July on record (0.11" precipitation). Upland prairie species appear to be suffering the most while many wetlands sampled still seemed to be in reasonable shape and hold some good species. Clossiana selene was found for the first time in the Republican River drainage in southern Nebraska – away from the river in a moist valley in the hills. Phyciodes phaon colonized areas around the Platte River in central Nebraska and became locally common by late August. Also making late summer appearances were Hylephila phyleus and Lerodea eufala.

Butterflies

HESPERIIDAE

Epargyreus clarus	STANTON: Wood Duck SWMA	14-May-03	SMS
Erynnis brizo	JOHNSON: Twin Oaks SWMA	27-Apr-03	JLD
Erynnis juvenalis	OTOE: Steamboat Trace Trail at Minersville	26-Apr-03	JLD
Erynnis juvenalis	RICHARDSON: Indian Cave SP	26-Apr-03	NED
Erynnis juvenalis	PAWNEE: Table Rock SWMA	27-Apr-03	NJD
Erynnis horatius	PAWNEE: Table Rock SWMA	27-Apr-03	NJD
det SMS			
Pyrgus communis	HOLT: Atkinson Lake SRA.	05-Sep-03	S-S
Pyrgus communis	WHEELER: Beaver Creek Park, Cumminsville.	05-Sep-03	S-S
Ancyloxypha numitor	VALLEY: Scotia Canal SWMA	04-Jul-03	NED
Hylephila phyleus	CASS: Louisville Lakes	12-Aug-03	LBP
Hylephila phyleus	GARFIELD: Jct Hwys 11 & 91	01-Sep-03	JMR
Hesperia comma idaho	THOMAS: Old US 83 at Dismal River, just E of US 83	04-Sep-03	CAS
det RES			
Hesperia leonardus pawnee	GARFIELD: Calamus Fish Hatchery	01-Sep-03	JMR
Hesperia leonardus pawnee	WHEELER: Beaver Creek Park, Cumminsville.	05-Sep-03	S-S
Hesperia leonardus pawnee	HOLT: Atkinson Lake SRA.	05-Sep-03	S-S
absent from Burt, Cedar, Dixon, and Thurston counties			
Polites peckius	CASS: Louisville Lakes	12-Aug-03	LBP
Polites themistocles	STANTON:	13-Jul-03	LBP

Polites themistocles	BURT: S Blackbird Hill, off US 75, 3.8 mi NW of Decatur	06-Sep-03	S-S
Polites origenes	RICHARDSON: Four Mile Creek SWMA	20-Jun-03	NJD
Polites origenes	SAUNDERS: N of Leshara	05-Jul-03	SMS
Polites mystic	SCOTTS BLUFF: Buffalo Creek SWMA	23-Jun-03	NJD
Polites mystic	VALLEY: Scotia Canal SWMA	04-Jul-03	NED
Polites mystic	GREELEY: Cedar R at Hwy 91	05-Jul-03	NED
Wallengrenia egeremet	BUFFALO: Fawnswood Lake	11-Aug-03	NED
Atalopedes campestris	WHEELER: Beaver Creek Park, Cumminsville.	05-Sep-03	S-S
Atalopedes campestris	HOLT: Atkinson Lake SRA.	05-Sep-03	S-S
Atalopedes campestris	BURT: S Blackbird Hill, off US 75, 3.8 mi NW of Decatur	06-Sep-03	S-S
Atalopedes campestris	DIXON: Ponca SP trails, north of car park.	06-Sep-03	S-S
Poanes viator	VALLEY: Scotia Canal SWMA	04-Jul-03	NED
Euphyes bimacula illinois	VALLEY: Scotia Canal SWMA	04-Jul-03	NED
Euphyes ruricola metacomet	CASS: Louisville Lakes	12-Aug-03	LBP
Amblyscirtes vialis	JOHNSON: Twin Oaks SWMA	27-Apr-03	NJD
Amblyscirtes vialis	PAWNEE: Table Rock SWMA	27-Apr-03	NJD
Lerodea eufala	GARFIELD: Sandpit nr jct Hwys 11 & 91	01-Sep-03	NED
PAPILIONIDAE			
Papilio polyxenes asterius	VALLEY: 3 mi N of Loup	04-Jul-03	NED
Papilio polyxenes asterius	THOMAS: Old US 83 at Dismal River, just E of US 83	04-Sep-03	S-S
Papilio polyxenes asterius	BURT: S Blackbird Hill, off US 75, 3.8 mi NW of Decatur	06-Sep-03	S-S
Papilio crespontes	BURT: S Blackbird Hill, off US 75, 3.8 mi NW of Decatur	06-Sep-03	S-S
PIERIDAE			
Pontia protodice	GREELEY: Cedar R at Spalding	05-Jul-03	NED
Pieris rapae	WHEELER: Beaver Creek Park, Cumminsville.	05-Sep-03	S-S
Euchloe olympia	JOHNSON: Twin Oaks SWMA	27-Apr-03	NED
Colias philodice	WHEELER: Beaver Creek Park, Cumminsville.	05-Sep-03	S-S
Eurema mexicanum	HOWARD: Loup Junction SWMA	05-Jul-03	NED
Nathalis iole	SAUNDERS: at Dodge Co line	14-Jun-03	SMS
Nathalis iole	HOLT: Atkinson Lake SRA.	05-Sep-03	S-S
Nathalis iole	BOYD: SR 11 just N of Niobrara River.	05-Sep-03	S-S
Nathalis iole	ROCK: US 20, 2 mi SE of Long Pine.	05-Sep-03	S-S
LYCAENIDAE			
Lycaena dione	VALLEY: Scotia Canal SWMA	04-Jul-03	NED
Lycaena hyllus	LOGAN: 7 mi W Stapleton	24-Jun-03	NED
Lycaena hyllus	OTOE: Dieken Prairie	01-Sep-03	SMS
Lycaena helloides	GARFIELD: Sandpit nr jct Hwys 11 & 91	01-Sep-03	NED
Lycaena helloides	BOYD: SR 11 just N of Niobrara River.	05-Sep-03	S-S
Satyrium titus	RICHARDSON: Four-mile Creek SWMA	20-Jun-03	NJD
Satyrium titus	GREELEY: 1.5 mi S Spalding	05-Jul-03	NED
Satyrium acadicum	GREELEY: Cedar R at Hwy 91	05-Jul-03	NED
Strymon melinus	HOLT: Atkinson Lake SRA.	05-Sep-03	S-S
Everes comyntas	MCPHERSON: SR 92 near S Loup River, 3.6 mi SE of Ringgold.	04-Sep-03	S-S
Lycaeides melissa	WHEELER: Beaver Creek Park, Cumminsville.	05-Sep-03	S-S
Lycaeides melissa	HOLT: Atkinson Lake SRA.	05-Sep-03	S-S
Lycaeides melissa	THURSTON: S Blackbird Hill, off US 75, 3.8 mi NW of Decatur	06-Sep-03	S-S
NYMPHALIDAE			
Polygonia interrogationis	GARFIELD: Sandpit nr jct Hwys 11 & 91	01-Sep-03	JMR
Polygonia comma	PAWNEE: Table Rock SWMA	28-Apr-03	NJD
Polygonia comma	GARFIELD: Sandpit nr jct Hwys 11 & 91	01-Sep-03	JMR
Nymphalis antiopa larvae	VALLEY: North Loup Rd @ Ord	04-Jul-03	NED
Vanessa virginiensis	PAWNEE: Table Rock SWMA	28-Apr-03	NJD
Vanessa cardui	WHEELER: Beaver Creek Park, Cumminsville	05-Sep-03	S-S
Vanessa cardui	THURSTON: S Blackbird Hill, off US 75, 3.8 mi NW of Decatur	06-Sep-03	S-S
Vanessa cardui	DIXON: Ponca SP trails, north of car park	06-Sep-03	S-S
Euptoieta claudia	WHEELER: Beaver Creek Park, Cumminsville	05-Sep-03	S-S
Euptoieta claudia	BURT: S Blackbird Hill, off US 75, 3.8 mi NW of Decatur	06-Sep-03	S-S
Speyeria cybele	VALLEY: Scotia Canal SWMA	04-Jul-03	NED
Speyeria cybele	CEDAR: Chalk Rock SWMA, 1 mi N of Menominee.	06-Sep-03	S-S
Speyeria edwardsii	DAWSON: 6.5 mi S Gothenburg	24-May-03	JMR
Boloria selene nebraskensis	WEBSTER: Cather Prairie	09-Jul-03	A_J
1st record from Republican River drainage			
Limenitis arthemis astyanax	PAWNEE: Prairie Knoll SWMA	20-Jun-03	NJD
Satyrodus eurydice nr fumosa	VALLEY: Scotia Canal SWMA	04-Jul-03	NED

Satyroides eurydice nr fumosa	GREELEY: North Loup R 1 mi NW Happy Jack Peak	05-Jul-03	NED
Megisto cymela	VALLEY: Middle Loup Rd @ Arcadia	04-Jul-03	NED
Cercyonis pegala	DIXON: Ponca SP trails, north of car park.	06-Sep-03	S-S
Cercyonis pegala	THURSTON: S Blackbird Hill, off US 75, 3.8 mi NW of Decatur	06-Sep-03	S-S
Danaus plexippus	VALLEY: Scotia Canal SWMA	04-Jul-03	NED
Danaus plexippus	HOLT: Atkinson Lake SRA	05-Sep-03	S-S
Danaus plexippus common	BOYD: SR 11 just N of Niobrara River	05-Sep-03	S-S
Danaus gilippus	CLAY: 4 mi S of Glenville	26-Jul-03	CLM

Moths

SATURNIIDAE

Hemileuca nevadensis	HITCHCOCK: Swanson Reservoir	01-Oct-03	MIF
----------------------	------------------------------	-----------	-----

NOCTUIDAE

Catocala innubens	STANTON: 5 mi E Norfolk	20-Jul-02	BOB
Catocala robinsoni	LANCASTER: UN East Campus, Lincoln	14-Aug-03	JMR
	STATE RECORD; ex larva on Carya laciniosa; confirmed by L. Gall		
Catocala vidua	RICHARDSON: Indian Cave SP	01-Sep-03	SMS
	STATE RECORD; confirmed by L. Gall		
Catocala vidua	NEMAHA: Indian Cave SP	01-Sep-03	SMS
	STATE RECORD; confirmed by L. Gall		
Catocala meskei	STANTON: 5 mi E Norfolk	20-Jul-02	BOB
Catocala amatrix	STANTON: 5 mi E Norfolk	20-Jul-02	BOB
Catocala illecta	KNOX: Verdigre	23-Jul-02	BOB
Catocala nuptialis	STANTON: 5 mi E Norfolk	20-Jul-02	BOB
Catocala ultronia	STANTON: 5 mi E Norfolk	20-Jul-02	BOB
Catocala ultronia	KNOX: Verdigre	23-Jul-02	BOB
Schinia simplex on Ipomoea leptophylla	MCPHERSON: Hwy 92 W of Tryon	10-Jul-03	CEH
Schinia simplex on Ipomoea leptophylla	Lincoln: Hwy 97 NNW of North Platte	10-Jul-03	CEH
Schinia simplex on Ipomoea leptophylla	ARTHUR: Hwy 61 S of Arthur	10-Jul-03	CEH
Schinia florida on Oenothera rhombipetala	Lincoln: Hwy 97 NW of North Platte	10-Jul-03	CEH
Schinia florida on Oenothera rhombipetala	MCPHERSON: Hwy 92 W of Tryon	10-Jul-03	CEH
Schinia gaurae on Gaura mollis	MCPHERSON: Hwy 92 W of Tryon	10-Jul-03	CEH
Schinia gaurae on Gaura mollis	ARTHUR: Hwy 61 S of Arthur	10-Jul-03	CEH
Schinia lucens on Amorpha canescens	MCPHERSON: Hwy 92 W of Tryon	10-Jul-03	CEH
Schinia lucens on Amorpha canescens	ARTHUR: Hwy 61 S of Arthur	10-Jul-03	CEH

NORTH DAKOTA

Royer reports a fairly normal year climatically, with several species appearing in high numbers and a few others resurfacing after several years of apparent absence. Pieris oleracea and Asterocampa clyton were found in several areas in the southeast, and Jim Oberfoell trapped an example of Polygonia faunus in the southwest, finally confirming what had been merely historical reference to that species for the state. Gerald Fauske located Hesperia dacotae in McLean County, bringing to 18 the number of counties on record for that species.

Butterflies

HESPERIIDAE

Epargyreus clarus	KIDDER: Dawson State WMA	02-Jul-99	GEN
Thorybes pylades	OLIVER: Cross Ranch SP	14-Jun-03	RAR
Pyrgus communis	BOTTINEAU: Turtle Mtn SF	01-Jun-03	BER
Hesperia pahaska	DUNN: Killdeer Mountains	27-Jun-03	RAR
Hesperia dacotae new locality; 18th ND county on record	MCLEAN: USNG Training Site	16-Jul-02	GMF
Hesperia dacotae new locality; flight intercept trap during prairie survey for USNG	Eddy: USNG Camp Grafton	17-Jul-02	GMF
Polites themistocles	MCLEAN: USNG Training Site	16-Jul-02	GMF
Polites themistocles	EDDY: USNG Camp Grafton	17-Jul-02	GMF
Polites mystic	EDDY: USNG Camp Grafton	17-Jul-02	GMF
Polites mystic	MCKENZIE: USFS Pasture # 12	27-Jun-03	RAR
Anatrytone logan	EDDY: USNG Camp Grafton	28-Jun-02	GMF
Poanes hobomok	OLIVER: Cross Ranch SP	14-Jun-03	BER

Euphyes dion	Ransom: 0.5 mi N Pigeon Point	11-Jul-02	SMS
one male and one female; 6th and 7th records			
Euphyes dion	Ransom: Vic Mirror Pool WMA	13-Jul-03	BER
male photographed on milkweed, ID confirmed by RAR			
Euphyes vestris	MCLEAN: USNG Training Site	09-Jul-03	GMF
PIERIDAE			
Pieris rapae	STEELE: Otto Spies WMA	27-Jun-99	GEN
Pieris oleracea	RICHLAND: Mirror Pool WMA	13-Jul-03	BER
Pieris oleracea	Ransom: Pigeon Point	27-Jul-03	GEN
SW ND record to date			
Colias eurytheme	STEELE: Otto Spies WMA	27-Jun-99	GEN
LYCAENIDAE			
Lycaena dione	WILLIAMS: T155N R101W, Section 12	03-Jul-99	GEN
Satyrrium titus	RANSOM: Sheyenne NG	06-Jul-01	SMS
Celastrina ladon	RENVILLE: Upper Souris NWR	07-May-03	BER
Glaucopsyche lygdamus	LAMOURE: 4 mi NE Jud	02-Jul-99	GEN
Glaucopsyche lygdamus	STEELE: Fuller's Lake WMA	01-Aug-99	GEN
Glaucopsyche lygdamus	OLIVER: Cross Ranch SP	14-Jun-03	BER
Lycæides melissa	WILLIAMS: Spring Lake SP	04-Jul-03	GEN
NYMPHALIDAE			
Polygonia interrogationis	STEELE: Otto Spies WMA	04-Jul-01	GEN
Polygonia faunus	BILLINGS: 0.5 mi W Medora	28-Sep-00	JO1
at bait, first voucher confirmed record for ND			
Nymphalis antiopa	TRAILL:	27-Jul-00	GEN
Vanessa virginiensis	RICHLAND: Sheyenne NG	27-Jun-01	SMS
Vanessa cardui	EDDY: USNG Camp Grafton	28-Jun-01	GMF
Vanessa atalanta	RENVILLE: Upper Souris NWR	07-May-03	BER
Vanessa atalanta	DUNN: Killdeer Mountains	17-May-03	BER
Speyeria cybele	STEELE: Otto Spies WMA	01-Aug-99	GEN
Speyeria idalia	EDDY: USNG Camp Grafton	17-Jul-01	GMF
Speyeria callippe calgariana	MCLEAN: USNG Training Site	09-Jul-03	GMF
Boloria bellona	DUNN: Killdeer Mtns	17-May-03	RAR
Phyciodes tharos	STEELE: 4 mi E Fuller's Lake	01-Aug-99	GEN
Chlosyne gorgone	BOTTINEAU: Turtle Mountain SF	01-Jun-03	BER
Limenitis arthemis	EDDY: USNG Camp Grafton	28-Jun-01	GMF
Limenitis archippus	LAMOURE: 0.8 mi W Jud	02-Jul-99	GEN
Asterocampa clyton	RANSOM: SW of Venlo	07-Jul-01	K_C
single female; photo confirmed by RAR			
Asterocampa clyton	RICHLAND: Sheyenne NG	07-Jul-02	SMS
Asterocampa clyton	Richland: Mirror Pool WMA	13-Jul-03	BER
locally abundant, confirming earlier records			
Enodia anthedon	TRAILL: Augustad Dam	04-Jul-01	GEN
Satyrodes eurydice	GRIGGS: Hannaford GMA	04-Jul-03	GEN
Satyrodes eurydice	STEELE: Otto Spies WMA	13-Jul-03	GEN
Satyrodes eurydice	TRAILL: Augustad Dam	13-Jul-03	GEN
Satyrodes eurydice	LAMOURE: Marion	27-Jul-03	GEN
Coenonympha inornata	RENVILLE: Upper Souris NWR	05-Jun-03	BER
Cercyonis pegala	WILLIAMS: Spring Lake SP	03-Jul-99	GEN
Cercyonis pegala	FOSTER: 1 mi E Glenfield	06-Jul-99	GEN
Cercyonis pegala	LAMOURE: Marion	27-Jul-03	GEN
Danaus plexippus	STEELE: Otto Spies WMA	06-Jun-99	GEN
Danaus plexippus	WILLIAMS: Spring Lake SP	03-Jul-99	GEN
Danaus plexippus	MCLEAN: USNG Training Site	28-Jun-02	GMF
Danaus plexippus	LAMOURE: Marion	27-Jul-03	GEN
Moths			
SPHINGIDAE			
Hyles euphorbiae	LAMOURE: Marion	12-Sep-03	K_R
larva collected on leafy spurge and reared to maturity			
NOCTUIDAE			
Heliothis phloxiphagus	STARK: Belfield, mile marker 42, Hwy I-94	27-Jul-03	CEH
Schinia cumatilis	GOLDEN VALLEY: Mile marker 1, Hwy I-94	27-Jul-03	CEH

OKLAHOMA

John Nelson reports a "relatively good year for...collecting," noting that there are now nine species on record from all 77 counties, with addition in 2003 of *Danaus plexippus* and *Atalopedes campestris* to that list. He counts 77 new butterfly records and 86 new moth records. Except for JMN and RNS, contributors are all active in The Nature Conservancy and participants in annual butterfly counts.

Butterflies

HESPERIIDAE

<i>Thorybes pylades</i>	ROGERS: Wigamon, 1 mi S, 1 mi W	08-Jul-03	JMN
<i>Thorybes confusus</i>	OSAGE: Lake Keystone, Diamond Head addition	30-Apr-03	JFF
<i>Erynnis icelus</i>	OSAGE: TNC - Keystone Ancient Forest Preserve	01-Apr-03	JFF
<i>Erynnis brizo</i>	OSAGE: TNC - Keystone Ancient Forest Preserve	22-Mar-03	JFF
<i>Erynnis juvenalis</i> photo	OSAGE: TNC - Keystone Ancient Forest Preserve	01-Apr-03	JFF
<i>Erynnis juvenalis</i> photo	CHEROKEE: Nickel Nature Preserve	11-Apr-03	WG
<i>Erynnis funeralis</i>	ELLIS: Ellis WMA	02-Jul-03	JMN
<i>Nastra l'herminier</i> photo	OSAGE: TNC - Keystone Ancient Forest Preserve	02-May-03	JFF
<i>Nastra l'herminier</i>	NOWATA: 3 mi W of New Alluwe	08-Jul-03	JMN
<i>Lerema accius</i>	NOWATA: 3 mi W of New Alluwe	08-Jul-03	JMN
<i>Ancyloxypha numitor</i>	MCCLAIN: Purcell City Lake	19-Jun-03	JMN
<i>Ancyloxypha numitor</i>	PAWNEE: Feyodi Creek SP	01-Aug-03	JFF
<i>Copaeodes aurantiacus</i>	TILLMAN: Lake Frederick	10-Jun-03	JMN
<i>Copaeodes aurantiacus</i>	STEPHENS: Lake Fuqua	29-Aug-03	JMN
<i>Hylephila phyleus</i>	ROGERS: Wigamon, 1 mi S, 1 mi W	08-Jul-03	JMN
<i>Hylephila phyleus</i>	STEPHENS: Lake Fuqua	29-Aug-03	JMN
<i>Hylephila phyleus</i>	MURRAY: Chickasaw WMA	29-Aug-03	JMN
<i>Hylephila phyleus</i>	GARVIN: Elmore City Lake	29-Aug-03	JMN
<i>Hesperia ottoe</i>	OSAGE: TNC - Keystone Ancient Forest Preserve	12-Aug-03	JFF
<i>Atalopedes campestris</i>	LOGAN: Langston Lake	01-Jul-03	JMN
<i>Atalopedes campestris</i> last county in the state	CRAIG: Ketchum	07-Aug-03	JMN
<i>Atrytone arogos</i>	MCCLAIN: Purcell City Lake	19-Jun-03	JMN
<i>Anatrytone logan</i>	HARMON: Lake Hall	09-Jun-03	JMN
<i>Anatrytone logan</i>	ELLIS: Ellis WMA	02-Jul-03	JMN
<i>Poanes hobomok</i> photo	CHEROKEE: Nickel Nature Preserve	23-May-03	WG
<i>Poanes zabulon</i>	LOGAN: Langston Lake	01-Jul-03	JMN
<i>Poanes zabulon</i>	NOWATA: 3 mi W of New Alluwe	08-Jul-03	JMN
<i>Euphyes dion</i> photo	PONTOTOC: Pontotoc Ridge NP	14-Jun-03	WG
<i>Euphyes dion</i>	MURRAY: Chickasaw WMA	29-Aug-03	JMN
<i>Euphyes dion</i>	HUGHES: Dustin Lake	06-Sep-03	JMN
<i>Euphyes ruricola metacomet</i>	ROGERS: Wigamon, 1 mi S, 1 mi W	08-Jul-03	JMN
<i>Atrytonopsis hianna</i> photo	CHEROKEE: Nickel Nature Preserve	26-Apr-03	WG
<i>Atrytonopsis hianna</i> photo	OSAGE: TNC - Keystone Ancient Forest Preserve	30-Apr-03	DLE
<i>Amblyscirtes hegon</i> photo	CHEROKEE: Nickel Nature Preserve	09-May-03	WG
<i>Amblyscirtes nysa</i>	MAYES: river below Lake Hudson dam	10-May-03	JFF
<i>Amblyscirtes eos</i>	ELLIS: Ellis WMA	02-Jul-03	JMN
<i>Amblyscirtes vialis</i>	LOGAN: Langston Lake	01-Jul-03	JMN
<i>Amblyscirtes belli</i> photo	OSAGE: TNC - Keystone Ancient Forest Preserve	30-Aug-02	JFF
<i>Lerodea eufala</i>	GRADY: 2 mi N of Minco	19-Sep-03	JMN
PAPILIONIDAE			
<i>Papilio cresphontes</i> photo	PAWNEE: Feyodi Creek SP	30-Jul-03	JFF
<i>Papilio cresphontes</i>	MURRAY: Chickasaw WMA	29-Aug-03	JMN
<i>Papilio glaucus</i> photo	PAWNEE: Feyodi Creek SP	30-Jul-03	JFF
<i>Papilio troilus</i>	NOWATA: 3 mi W of New Alluwe	08-Jul-03	JMN
<i>Papilio troilus</i>	PAWNEE: Feyodi Creek SP	30-Jul-03	JFF
PIERIDAE			
<i>Pontia protodice</i>	LOGAN: Langston Lake	01-Jul-03	JMN

Anthocharis midea photo	CHEROKEE: Nickel Nature Preserve	26-Apr-03	WG
Colias philodice	TILLMAN: Hackberry WMA	10-Jun-03	JMN
Eurema nicippe on buttonbush	PAWNEE: Pawnee Lake	30-Jul-03	JMN
LYCAENIDAE			
Satyrium titus photo	OSAGE: TNC - Keystone Ancient Forest Preserve	26-Jun-02	JFF
Satyrium titus photo	CHEROKEE: Nickel Nature Preserve	28-Jun-03	JBT
Callophrys grynea photo	OSAGE: TNC - Keystone Ancient Forest Preserve	26-Jun-02	JFF
Callophrys henrici	OSAGE: TNC - Keystone Ancient Forest Preserve	22-May-03	JFF
Callophrys niphon	TULSA: Tulsa, Woodward Park	22-Apr-03	DLE
Leptotes marina	TULSA: Tulsa	15-Jul-03	JMN
Celastrina neglecta photo	PAWNEE: Feyodi Creek SP	30-Jul-03	JFF
NYMPHALIDAE			
Agraulis vanillae photo	PAWNEE: Feyodi Creek SP	30-Jul-03	JFF
Agraulis vanillae incarnata	PAWNEE: Pawnee Lake	30-Jul-03	JMN
Polygonia interrogationis	TILLMAN: Lake Frederick	10-Jun-03	JMN
Polygonia comma on buttonbush	LOGAN: Langston Lake	01-Jul-03	JMN
Nymphalis antiopa photo	CHEROKEE: Nickel Nature Preserve	23-May-03	WG
Vanessa virginiensis	MCCLAIN: Purcell City Lake	19-Jun-03	JMN
Vanessa cardui on buttonbush	LOGAN: Langston Lake	01-Jul-03	JMN
Vanessa cardui photo	NOBLE: Lake Perry	30-Jul-03	JMN
Vanessa atalanta	CANADIAN: El Reno City Lake	19-Sep-03	JMN
Speyeria diana on prairie coneflower	TULSA: Tulsa	02-Jul-03	JBT
Speyeria cybele photo	TULSA: TNC - Keystone Ancient Forest Preserve	18-Jun-03	JFF
Speyeria cybele	TULSA: Tulsa, Oxley Nature Center	28-Jul-03	JFF
Speyeria cybele photo	PAWNEE: Feyodi Creek SP	30-Jul-03	JFF
Speyeria idalia photo	PAWNEE: Feyodi Creek SP	30-Jul-03	JFF
Phyciodes texana	PONTOTOC: Ada	21-Oct-03	JFF
Phyciodes texana necatring on Mexican zinnias	ROGERS: Catoosa	03-Nov-03	SER
Phyciodes phaon	CHEROKEE: Nickel Nature Preserve - Pumpkin Flats	22-Oct-03	JFF
Chlosyne nycteis	LOGAN: Langston Lake	01-Jul-03	JMN
Limenitis arthemis astyanax	NOWATA: 3 mi W of New Alluwe	08-Jul-03	JMN
Limenitis arthemis astyanax on buttonbush	CRAIG: Ketchum	07-Aug-03	JMN
Limenitis archippus	ELLIS: Ellis WMA	19-Sep-03	JMN
Asterocampa clyton photo	CHEROKEE: Nickel Nature Preserve	23-May-03	WG
Cyllopsis gemma	HUGHES: Dustin Lake	06-Sep-03	JMN
Hermeuptychia sosybius	NOWATA: 3 mi W of New Alluwe	08-Jul-03	JMN
Megisto cymela	MCCLAIN: Wiley Post Memorial Lake	19-Jun-03	JMN
Danaus plexippus	GRADY: 2 mi N of Minco	19-Sep-03	JMN
Danaus gilippus photo	PAWNEE: Feyodi Creek SP	01-Aug-03	JFF
Moths			
PSYCHIDAE			
Thyridopteryx ephemeraeformis	STEPHENS: Lake Fuqua	29-Aug-03	JMN
YPONOMEUTIDAE			
Atteva punctella	STEPHENS: Lake Fuqua	29-Aug-03	JMN
MEGALOPYGIDAE			
Lagoa crispata	NOWATA: New Alluwe - Oologah WMA	08-Jul-03	JMN
PYRALIDAE			
Desmia funeralis	HUGHES: Dustin Lake	05-Sep-03	JMN

Diastictis fracturalis	ELLIS: Ellis County WMA	01-Jul-03	JMN
Herculia olinalis	ELLIS: Ellis County WMA	01-Jul-03	JMN
Herculia olinalis	STEPHENS: Lake Fuqua	29-Aug-03	JMN
Herculia olinalis	HUGHES: Dustin Lake	05-Sep-03	JMN
GEOMETRIDAE			
Mellilla xanthometata	NOWATA: New Alluwe - Oologah WMA	07-Jul-03	JMN
Anavitrinella pampinaria	NOWATA: New Alluwe - Oologah WMA	07-Jul-03	JMN
Euchlaena serrata	NOWATA: New Alluwe - Oologah WMA	07-Jul-03	JMN
Euchlaena pectinaria	ELLIS: Ellis County WMA	01-Jul-03	JMN
Euchlaena pectinaria	NOWATA: New Alluwe - Oologah WMA	07-Jul-03	JMN
Lychnosea intermicata	NOBLE: Perry City Lake	30-Jul-03	JMN
Lychnosea intermicata	PAWNEE: Pawnee City Lake	30-Jul-03	JMN
Idaea demissaria	HUGHES: Dustin Lake	05-Sep-03	JMN
Leptostales rubromarginaria	NOWATA: New Alluwe - Oologah WMA	07-Jul-03	JMN
Eulithis gracilineata	MCCLAIN: Purcell City Lake	19-Jun-03	JMN
LASIOCAMPIDAE			
Heteropacha rileyana	NOWATA: New Alluwe - Oologah WMA	07-Jul-03	JMN
SPHINGIDAE			
Manduca rustica	COTTON: 2 mi W of Walters	19-Aug-03	H/G
Ceratomia undulosa	NOWATA: New Alluwe - Oologah WMA	07-Jul-03	JMN
Laothoe juglandis	ADAIR: Flint Ridge Resort	16-Aug-03	RNS
Hemaris diffinis	BLAINE: American Horse Lake	01-Jul-03	JMN
Darapsa myron	STEPHENS: Lake Fuqua	29-Aug-03	JMN
Hyles lineata	KINGFISHER: Lake Elmer	01-Jul-03	JMN
NOTODONTIDAE			
Datana perspicua	STEPHENS: Lake Fuqua	29-Aug-03	JMN
Nadata gibbosa	STEPHENS: Lake Fuqua	29-Aug-03	JMN
Hyperaeschra georgica	STEPHENS: Lake Fuqua	29-Aug-03	JMN
Furcula cinerea	NOWATA: New Alluwe - Oologah WMA	07-Jul-03	JMN
Furcula cinerea	STEPHENS: Lake Fuqua	29-Aug-03	JMN
Litodonta hydromeli	STEPHENS: Lake Fuqua	29-Aug-03	JMN
ARCTIIDAE			
Cisthene tenuifascia	STEPHENS: Lake Fuqua	29-Aug-03	JMN
Cisthene tenuifascia	HUGHES: Dustin Lake	05-Sep-03	JMN
Hypoprepia miniata	TILLMAN: Lake Frederick	09-Jun-03	JMN
Hypoprepia fucosa	NOWATA: New Alluwe - Oologah WMA	07-Jul-03	JMN
Hypoprepia fucosa	STEPHENS: Lake Fuqua	29-Aug-03	JMN
Hypoprepia fucosa	HUGHES: Dustin Lake	05-Sep-03	JMN
Pyrharctia isabella	NOWATA: New Alluwe - Oologah WMA	07-Jul-03	JMN
Epantheria scribonia	ADAIR: Flint Ridge Resort	23-May-03	RNS
Grammia oithona	NOWATA: New Alluwe - Oologah WMA	07-Jul-03	JMN
Grammia oithona	STEPHENS: Lake Fuqua	29-Aug-03	JMN
Grammia arge	ELLIS: Packsaddle WMA	01-Jul-03	JMN
Cycnia inopinatus	ELLIS: Packsaddle WMA	01-Jun-03	JMN
Cycnia inopinatus	TILLMAN: Lake Frederick	09-Jun-03	JMN
Cycnia oregonensis	NOWATA: New Alluwe - Oologah WMA	07-Jul-03	JMN
NOCTUIDAE			
Plathypena scabra	STEPHENS: Lake Fuqua	29-Aug-03	JMN
Plathypena scabra	HUGHES: Dustin Lake	05-Sep-03	JMN
Ledaea perditalis	NOWATA: New Alluwe - Oologah WMA	07-Jul-03	JMN
Hypsoropha hormos	NOWATA: New Alluwe - Oologah WMA	07-Jul-03	JMN
Plusiodonta compressipalpis	STEPHENS: Lake Fuqua	29-Aug-03	JMN
Lesmone detrahens	ELLIS: Packsaddle WMA	01-Jul-03	JMN
Lesmone detrahens	NOWATA: New Alluwe - Oologah WMA	07-Jul-03	JMN
Caenurgina erechtea	ELLIS: Packsaddle WMA	01-Jul-03	JMN
Mocis texana	NOWATA: New Alluwe - Oologah WMA	07-Jul-03	JMN
Catocala nuptialis	NOWATA: New Alluwe - Oologah WMA	07-Jul-03	JMN
Catocala whitneyi	ELLIS: Packsaddle WMA	01-Jul-03	JMN
Catocala ultronia	ELLIS: Packsaddle WMA	01-Jul-03	JMN
Thioptera nigrofimbria	HUGHES: Dustin Lake	05-Sep-03	JMN
Acontia aprica	HUGHES: Dustin Lake	05-Sep-03	JMN
Raphia abrupta	NOWATA: New Alluwe - Oologah WMA	07-Jul-03	JMN
Acronicta connecta	NOWATA: New Alluwe - Oologah WMA	07-Jul-03	JMN
Dypterygia rozmani	NOWATA: New Alluwe - Oologah WMA	07-Jul-03	JMN
Amphipyra pyramidoides	STEPHENS: Lake Fuqua	29-Aug-03	JMN
Elaphria festivoides	ELLIS: Packsaddle WMA	01-Jul-03	JMN

Elaphria festivoidea	STEPHENS: Lake Fuqua	29-Aug-03	JMN
Galgula partita	STEPHENS: Lake Fuqua	29-Aug-03	JMN
Galgula partita	HUGHES: Dustin Lake	05-Sep-03	JMN
Stiriodes obtusa	NOWATA: New Alluwe - Oologah WMA	07-Jul-03	JMN
Faronta rubripennis	STEPHENS: Lake Fuqua	29-Aug-03	JMN
Pseudaletia unipuncta	NOWATA: New Alluwe - Oologah WMA	07-Jul-03	JMN
Agrotis ipsilon	LOGAN: Langston Lake	01-Jul-03	JMN
Euxoa auxiliaris	WOODWARD: Boiling Springs SP	19-Sep-03	JMN
Abagrotis alternata	ELLIS: Packsaddle WMA	01-Jul-03	JMN
Helicoverpa zea	NOWATA: New Alluwe - Oologah WMA	07-Jul-03	JMN
Helicoverpa zea	PAWNEE: Pawnee City Lake	30-Jul-03	JMN
Helicoverpa zea	COTTON: 2 mi W of Walters	16-Aug-03	H/G
Helicoverpa zea	COMANCHE: Fort Sill, Lawton	17-Aug-03 - 18-Aug-03	H/G
Helicoverpa zea	STEPHENS: Lake Fuqua	29-Aug-03	JMN
Heliothis subflexus	WOODWARD: Boiling Springs SP	19-Sep-03	JMN
Heliothis virescens	COMANCHE: Fort Sill, Lawton	17-Aug-03 - 18-Aug-03	H/G
Heliocheilus toralis	COTTON: 2 mi W of Walters	16-Aug-03	H/G
Schinia lynx	COMANCHE: Fort Sill, Lawton	16-Aug-03 - 17-Aug-03	H/G
Schinia ultima	STEPHENS: Lake Fuqua	29-Aug-03	JMN
Schinia arcigera	COMANCHE: Fort Sill, Lawton	18-Aug-03 - 19-Aug-03	H/G
Schinia arcigera	HUGHES: Dustin Lake	05-Sep-03	JMN
Schinia mortua	COTTON: 2 mi W of Walters	16-Aug-03 - 18-Aug-03	H/G
Schinia mortua	COMANCHE: Fort Sill, Lawton	18-Aug-03 - 19-Aug-03	H/G
Schinia mortua	JEFFERSON: Waurika, Hwy 5	19-Aug-03	H/G
Schinia jaguarina	COMANCHE: Fort Sill, Lawton	17-Aug-03 - 18-Aug-03	H/G
Schinia rivulosa	COMANCHE: Fort Sill, Lawton	17-Aug-03 - 18-Aug-03	H/G
Schinia rivulosa	STEPHENS: Lake Fuqua	29-Aug-03	JMN
Schinia rivulosa	HUGHES: Dustin Lake	05-Sep-03	JMN
Schinia saturata	COMANCHE: Fort Sill, Lawton	18-Aug-03 - 19-Aug-03	H/G
Schinia saturata	JEFFERSON: Waurika, Hwy 5	19-Aug-03	H/G
Schinia saturata	STEPHENS: Lake Fuqua	29-Aug-03	JMN
Schinia thoreau	COTTON: 2 mi W of Walters	16-Aug-03	H/G
Schinia grandimedia	COTTON: 2 mi W of Walters	16-Aug-03	H/G
Schinia gracilent	COTTON: 2 mi W of Walters	16-Aug-03	H/G
Schinia gracilent	COMANCHE: Fort Sill, Lawton	17-Aug-03 - 18-Aug-03	H/G
Schinia trifascia	COMANCHE: Fort Sill, Lawton	18-Aug-03 - 19-Aug-03	H/G
Schinia trifascia	STEPHENS: Lake Fuqua	29-Aug-03	JMN
Schinia gaurae	JEFFERSON: 4 mi NW of Waurika	18-Aug-03	H/G
Schinia tertia	ELLIS: Packsaddle WMA	01-Jul-03	JMN
Schinia tertia	COTTON: 2 mi W of Walters	16-Aug-03	H/G
Schinia tertia	STEPHENS: Lake Fuqua	29-Aug-03	JMN
Schinia tertia	WOODWARD: Boiling Springs SP	19-Sep-03	JMN
Schinia alencis	COTTON: 2 mi W of Walters	16-Aug-03	H/G
Schinia alencis	COMANCHE: Fort Sill, Lawton	17-Aug-03 - 18-Aug-03	H/G
Schinia chrysell	TILLMAN: Lake Frederick	09-Jun-03	JMN
Schinia chrysell	COMANCHE: Fort Sill, Lawton	16-Aug-03 - 17-Aug-03	H/G
Schinia chrysell	COTTON: 2 mi W of Walters	16-Aug-03 - 19-Aug-03	H/G
Schinia chrysell	JACKSON: Altus on Hwy 283	17-Aug-03	H/G
Schinia chrysell	JEFFERSON: Waurika, Hwy 5	19-Aug-03	H/G
Schinia chrysell	STEPHENS: Lake Fuqua	29-Aug-03	JMN
Schinia citrinella	COTTON: 2 mi W of Walters	19-Aug-03	H/G

SOUTH DAKOTA

Marrone reports that the most significant event this year was discovery of populations of *Apodemia mormo* in Butte and Lawrence Counties. Previously the only known record had been a historical record from Pennington County.

Butterflies

HESPERIIDAE

Pyrgus communis	BON HOMME: 1.5 mi. W of Tyndall	05-Sep-03	RES
Hesperia leonardus pawnee	GREGORY: 8 mi. SW of Randall Dam	05-Sep-03	RES
Hesperia leonardus pawnee	CHARLES MIX: 1 mi. W of SR 50, near Dante	05-Sep-03	RES
Polites themistocles	BON HOMME: 1.5 mi. W of Tyndall	05-Sep-03	RES
Lerodea eufala	STANLEY: 2 mi. S of Oahe Dam	27-Aug-03	GMM
Megathymus streckeri leussleri	PERKINS: Grand River National Grassland	21-Jun-03	GMM

PAPILIONIDAE

Papilio polyxenes asterius	MCPHERSON: Ordway Prairie	03-Jul-03	GMM
Papilio bairdii	PERKINS: Chickasaw WMA	30-Jul-03	GMM

Papilio multicaudatus	STANLEY: 2 mi S Oahe Dam	22-Aug-03	TJH
PIERIDAE			
Pontia protodice	PERKINS: Grand River National Grassland	05-Jun-03	RES
Pontia protodice	BON HOMME: 1.5 mi. W of Tyndall	05-Sep-03	RES
Pontia occidentalis	PERKINS: Grand River National Grassland	21-Jun-03	GMM
Colias philodice	BON HOMME: 1.5 mi W of Tyndall	05-Sep-03	RES
LYCAENIDAE			
Lycaena helloides	PERKINS: Grand River National Grassland	22-Jun-03	GMM
Satyrrium titus	MOODY: near Egan	10-Jul-03	GMM
Everes comyntas	BON HOMME: 1.5 mi. W of Tyndall	05-Sep-03	RES
Lycaeides melissa	BON HOMME: 1.5 mi. W of Tyndall	05-Sep-03	RES
Plebejus icarioides pembina	PERKINS: Grand River National Grassland	04-Jun-03	RES
RIODINIDAE			
Apodemia mormo	BUTTE: 7 mi NW Belle Fourche	10-Aug-03	SW
Apodemia mormo	LAWRENCE: near Mirror Lake	20-Aug-03	GMM
NYMPHALIDAE			
Polygona interrogationis	MCPHERSON: Ordway Prairie	03-Jul-03	GMM
Polygona comma	MCPHERSON: Ordway Prairie	03-Jul-03	GMM
Vanessa virginiensis	MCPHERSON: Ordway Prairie	04-Jul-03	GMM
Vanessa annabella	STANLEY: 2 mi. south of Oahe Dam	05-Sep-03	GMM
Boloria selene sabulicollis	PERKINS: Grand River NG	22-Jun-03	GMM
Asterocampa celtis	MOODY: nr Egan	10-Jul-03	GMM
Megisto cymela	MOODY: near Egan	10-Jul-03	GMM
Coenonympha inornata benjamini	HYDE: nr Highmore	10-Jun-03	GMM
Danaus plexippus	BON HOMME: 1.5 mi. W of Tyndall	05-Sep-03	RES
Moths			
OECOPHORIDAE			
Ethmia monticola fuscipedula	Pennington: Wasta, banks of Cheyenne R	19-Jul-03	JKA
SPHINGIDAE			
Sphinx vashti	Pennington: Wasta, banks of Cheyenne R	19-Jul-03	JKA
Hyles lineata	MINNEHAHA: Sioux Falls	02-Sep-03	DE2
NOTODONTIDAE			
Odontosia elegans	Pennington: Wasta, banks of Cheyenne R	19-Jul-03	JKA
ARCTIIDAE			
Eilema bicolor	Lawrence: Terry's Peak, Black Hills	20-Jul-03	JKA
Crambidia pallida	Pennington: Wasta, banks of Cheyenne R	19-Jul-03	JKA
Cisthene tenuifascia	Pennington: Wasta, banks of Cheyenne R	19-Jul-03	JKA
Hypoprepia cadaverosa	Pennington: Wasta, banks of Cheyenne R	19-Jul-03	JKA
Phragmatobia fuliginosa rubricosa	McCook: I-90 Rest Area nr Salem	18-Jul-03	JKA
Phragmatobia fuliginosa rubricosa	Pennington: Wasta, banks of Cheyenne R	19-Jul-03	JKA
Platarctia parthenos	Lawrence: Terry's Peak, Black Hills	20-Jul-03	JKA
Grammia blakei	Pennington: Wasta, banks of Cheyenne R	19-Jul-03	JKA
Lophocampa maculata	Lawrence: Terry's Peak, Black Hills	20-Jul-03	JKA
NOCTUIDAE			
Melipotis jucunda	Pennington: Wasta, bank of Cheyenne R	19-Jul-03	JKA
Catocala abbreviatella	Pennington: Wasta, banks of Cheyenne R	19-Jul-03	JKA
Catocala nuptialis	Pennington: Wasta, banks of Cheyenne R	19-Jul-03	JKA
Catocala whitneyi	Pennington: Wasta, banks of Cheyenne R	19-Jul-03	JKA
Acronicta parallela	Pennington: Wasta, banks of Cheyenne R	19-Jul-03	JKA
Simyra henrici	McCook: I-90 Rest Area nr Salem	18-Jul-03	JKA
Apamea ophiogramma	Pennington: Wasta, banks of Cheyenne R	19-Jul-03	JKA
Apamea helva	Pennington: Wasta, banks of Cheyenne R	19-Jul-03	JKA
Archanara oblonga	McCook: I-90 Rest Area nr Salem	18-Jul-03	JKA
Bellura densa	Pennington: Wasta, banks of Cheyenne R	19-Jul-03	JKA
Trachea delicata	McCook: I-90 Rest Area nr Salem	18-Jul-03	JKA
Plagiomimicus pityochromus	Pennington: Wasta, banks of Cheyenne R	19-Jul-03	JKA
Stiria rugifrons	Lyman: I-90 Rest Area 1 mi W Presho	19-Jul-03	JKA
Stiria rugifrons	Pennington: Wasta, banks of Cheyenne R	19-Jul-03	JKA
Abagrotis bimarginalis	Lawrence: Terry's Peak, Black Hills	20-Jul-03	JKA
Abagrotis glenni	PENNINGTON: Wasta, banks of Cheyenne R	19-Jul-03	JKA
STATE RECORD ?			
Ufeus satyricus	Pennington: Wasta, banks of Cheyenne R	19-Jul-03	JKA
Heliothis phloxiphagus	PENNINGTON: I-90 at east corner of county	19-Jul-03	JKA
Schinia mortua	PENNINGTON: Wasta, banks of Cheyenne R	19-Jul-03	JKA
Schinia mortua	Lyman: I-90 Rest Area 1 mi W Presho	19-Jul-03	JKA
Schinia jaguarina	McCook: I-90 Rest Area nr Salem	18-Jul-03	JKA

Schinia jaguarina	PENNINGTON: Salem, Hwy 81 @ Hwy 38	19-Jul-03	JKA
Schinia rivulosa	PENNINGTON: I-90 at east corner of county	19-Jul-03	JKA
STATE RECORD			
Schinia thoreau	PENNINGTON: I-90 at east corner of county	19-Jul-03	JKA
STATE RECORD			
Schinia grandimedia	PENNINGTON: I-90 at east corner of county	19-Jul-03	JKA
STATE RECORD			
Schinia simplex	PENNINGTON: Wasta, banks of Cheyenne R	19-Jul-03	JKA
Schinia florida	PENNINGTON: Wasta, banks of Cheyenne R	19-Jul-03	JKA
STATE RECORD			
Schinia gaurae	PENNINGTON: I-90 at east corner of county	19-Jul-03	JKA
Schinia lucens	PENNINGTON: I-90 at east corner of county	19-Jul-03	JKA
Schinia citrinella	PENNINGTON: I-90 at east corner of county	19-Jul-03	JKA
STATE RECORD			

Zone 6 Texas

Texas

Coordinator: Charles W. Bordelon, Jr.

Contributors Cited:

CWB : Charles W. Bordelon, Jr.

DXC : Dale Clark

ECK : Edward C. Knudson

MDO : Mike Overton

MAQ : Mike Quinn

ADW : Andrew D. Warren

B/K : C. Bordelon & E. Knudson

NVG : Nick V Grishin

GDM : Greg D. Muise

RSP : Richard S. Peigler

CRS : Charles R. Sassine

RHW : Roland H Wauer

DEB : Donald E. Bowman

DH3 : Dave Hanson

RJN : Bob Nuelle

FJP : Floyd & June Preston

RES : Ray E. Stanford

TEXAS

Bordelon (CWB) reported a mild year with plenty of rainfall. This was a fantastic year for Texas records with the most records ever. About 260 butterfly species were reported, some Mexican strays appeared in good numbers. The lack of space does not allow all records to be recorded here, but all U.S., STATE, and COUNTY records are reported. None of us, individually or collectively, has ever seen such a year. Thanks to the electronic age, most of the records were reported almost immediately. Hopefully, 2004 will be just as amazing. There were 8 U.S. records, 11 STATE records, 8 records for the U.S. or Texas for only the second time, and 306 COUNTY records. While Bordelon and Knudson (B/K) did not get too many moth or butterfly records in 2003, they certainly made up for it during two weeks in Ecuador. Keep getting out in the field, and keep those records coming in!

Butterflies

HESPERIIDAE

Phocides palemon ilea	Hidalgo: Rio Rico Rd.	27-Jul-03	CRS
Phocides belus	HIDALGO: Bentsen SP	13-Apr-03	DH3
U.S. RECORD; photo confirmed by ADW and B/K			
Proteides mercurius	Hidalgo: Santa Ana NWR	25-Oct-03	MDO
Polygonus leo	DENTON: Bartonville	10-Oct-03	DXC
Chioides catillus albofasciatus	BEE: Mathis	10-Oct-75	ECK
Chioides catillus albofasciatus	ARANSAS: Rockport	11-Jul-03	RHW
Chioides catillus albofasciatus	Bexar: San Antonio	24-Aug-03	ECK
Chioides catillus albofasciatus	WILLACY: US 77 @ Yturria Rd.	18-Oct-03	RES
Chioides catillus albofasciatus	VICTORIA: Mission Valley	01-Nov-03 - 11-Nov-03	RHW
Chioides zilpa namba	VICTORIA: Mission Valley	29-Sep-03	RHW
Chioides zilpa namba	Hidalgo: Santa Ana NWR	25-Oct-03	MDO
Chioides zilpa namba	Starr: Rio Grande City	17-Nov-03	B/K
Aguna asander	Hidalgo: Rio Rico Rd.	27-Jul-03	CRS
Aguna asander	Starr: Rio Grande City	17-Nov-03	B/K
Aguna metophis	Hidalgo: Valley Nature Center, Weslaco	04-Nov-03	MDO
Urbanus proteus	KENEDY: US 77 rest area S. of Sarita	18-Oct-03	RES
Urbanus dorantes	KENEDY: US 77 rest area S. of Sarita	18-Oct-03	RES
Urbanus dorantes	WILLACY: US 77 @ Yturria Rd.	18-Oct-03	RES
Urbanus dorantes	VICTORIA: Mission Valley	03-Nov-03 - 11-Nov-03	RHW
Urbanus tanna	Hidalgo: Taurmina Unit of Las Palomas WMA	21-Oct-03	FJP
Urbanus procne	KENEDY: US 77 rest area S. of Sarita	18-Oct-03	RES
Urbanus procne	WILLACY: US 77 @ Yturria Rd.	18-Oct-03	RES
Astraptus fulgerator azul	TRAVIS: Austin	29-Jul-03	MAQ
Astraptus fulgerator azul	DALLAS: Duncanville	09-Sep-03	MAQ
photo by Dan Hardy			
Astraptus fulgerator azul	Hidalgo: Mercedes	20-Oct-03	CRS

Astraptes fulgerator azul	Hidalgo: Santa Ana NWR	25-Oct-03	MDO
Astraptes fulgerator azul photo by Jim Sinclair	KLEBERG: Kingsville	25-Nov-03	MAQ
Achalarus toxeus	GOLIAD: Goliad	18-Apr-03	RHW
Thorybes confusus report by D. & E. Henderson	MONTGOMERY: Oak Haven Farms	05-Jul-03	MAQ
Cabares potrillo photo by Bill Lindemann	GILLESPIE: Fredericksburg	06-Nov-03	MAQ
Cabares potrillo	Cameron: Audobon Palm Grove Sanctuary	23-Nov-03	B/K
Celaenorrhinus fritzgaertneri photo by Jim Hergerald	CAMERON: Laguna Atascosa NWR	23-Nov-03	B/K
Celaenorrhinus stallingsi	Hidalgo: Santa Ana NWR	25-Oct-03	MDO
Arteurotia tractipennis 2nd U.S. record; photo by Dave Hanson	Hidalgo: Frontera Audubon, nr. Weslaco	16-Nov-03	MAQ
Arteurotia tractipennis 3rd U.S. record; 2nd U.S. voucher	STARR: Rio Grande City	17-Nov-03	CWB
Pellicia arina	Hidalgo: Santa Ana NWR	25-Oct-03	MDO
Pellicia arina	STARR: Rio Grande City	17-Nov-03	B/K
Pellicia arina	CAMERON: Southmost	23-Nov-03	ECK
Gorgythion begga pyralina photo by Bashom	Hidalgo: Santa Ana NWR	02-Dec-03	CWB
Systasea pulverulenta	MAVERICK: FM481 at Chocan Creek	19-Jul-03	NVG
Systasea pulverulenta	JIM WELLS: CR145 5mi S CR172	18-Oct-03	NVG
Achlyodes tamenund photo by Curry	JACKSON: Bennett Pk.	23-Nov-02	NVG
Achlyodes tamenund	WILLACY: US 77@ Yturria Rd.	18-Oct-03	RES
Achlyodes pallida U.S. RECORD; photo by Dave Hanson	HIDALGO: Mercedes	23-Oct-03	ADW
Achlyodes pallida 2nd U.S. record; det CWB	STARR: nr. Fronton	12-Nov-03	DXC
Grais stigmatica	Hidalgo: Santa Ana NWR	25-Oct-03	MDO
Timochares ruptifasciatus	Cameron: Longoria Unit of Las Palomas WMA	08-Oct-03	FJP
Timochares ruptifasciatus also at Madero & Bentsen SP (ECK)	Hidalgo: Santa Ana NWR	25-Oct-03	MDO
Chiomara asychis georgina	JIM WELLS: CR145 5mi S CR172	18-Oct-03	NVG
Gesta gesta invisus	GOLIAD: Goliad	18-Jun-03	RHW
Gesta gesta invisus	BROOKS: US 281 Rest Area nr. Encino	18-Oct-03	RES
Erynnis brizo	PECOS: 25mi NW of Marathon	03-May-03	NVG
Erynnis telemachus on redbud	BANDERA: Hwy. 337 Rest Area nr. Real Co. line	22-Mar-03	B/K
Erynnis meridianus just determine by CWB	DALLAS: Fair Park	13-Sep-02	DXC
Erynnis meridianus genitalia ID	LLANO: Enchanted Rock SP	11-May-03	NVG
Erynnis funeralis	WISE: LBJ Grassland	21-Apr-00	NVG
Pyrgus communis photo by Bob Brewer	WILLIAMSON: Georgetown	20-Nov-03	MAQ
Pyrgus oileus also W of Bracketville @ Pinto Creek	KINNEY: E. of Bracketville	11-Aug-03	B/K
Pyrgus oileus	VICTORIA: Mission Valley	03-Nov-03	RHW
Pyrgus philetas	VICTORIA: Mission Valley	03-Nov-03	RHW
Heliopetes domicella	BROOKS: US 281 Rest Area nr. Encino	18-Oct-03	RES
Heliopetes domicella	KENEDY: US 77 @ Yturria Rd.	18-Oct-03	RES
Heliopetes domicella	WILLACY: US 77 rest area S. of Sarita	18-Oct-03	RES
Heliopetes domicella	Hidalgo: Alamo	12-Nov-03	DXC
Heliopetes lavianus photo by Penelope Warren	WEBB: Laredo CC Campus	01-Aug-99	MAQ
Heliopetes lavianus	BASTROP: Buescher SP	09-Jul-03	RHW
Heliopetes lavianus	WILLACY: US 77 @ Yturria Rd.	18-Oct-03	RES
Heliopetes lavianus	KENEDY: US 77 rest area S. of Sarita	18-Oct-03	RES
Heliopetes lavianus	VICTORIA: Mission Valley	03-Nov-03	RHW
Heliopetes lavianus	ARANSAS: Rockport	20-Nov-03 - 02-Dec-03	RHW
Heliopetes macaira	BEE: Skidmore	18-Mar-77	ECK
Heliopetes macaira	ARANSAS: Rockport	11-Jul-03	RHW
Heliopetes macaira	DUVAL: 2mi SW Benavides	26-Jul-03	NVG
Heliopetes macaira	WILLACY: nr. SR 186 @ FM 1420	19-Oct-03	RES
Celotes nessus	BAYLOR: Seymour	29-May-76	ECK
Pholisora catullus	GOLIAD: Goliad	18-Jun-03	RHW

<i>Pholisora catullus</i>	VICTORIA: Victoria	16-Sep-03	RHW
<i>Monca crispinus</i>	Hidalgo: Valley Nature Center, Weslaco	04-Nov-03	MDO
<i>Monca crispinus</i>	Starr: Rio Grande City	17-Nov-03	CWB
<i>Nastra l'herminier</i>	FREESTONE: Donie	23-Apr-77	ECK
<i>Nastra julia</i>	REAL: 5 mi S of Leakey	11-Sep-92	CWB
<i>Nastra julia</i>	ZAVALA: FM481 at Turkey Creek	19-Jul-03	NVG
<i>Nastra julia</i>	WEBB: 1mi W Bruni	26-Jul-03	NVG
<i>Nastra julia</i>	KINNEY: Pinto Creek	11-Aug-03	B/K
<i>Nastra julia</i>	VICTORIA: Mission Valley	12-Oct-03 - 11-Nov-03	RHW
<i>Lerema accius</i>	KINNEY: Pinto Creek	11-Aug-03	CWB
<i>Vettius fantasos</i>	Hidalgo: Santa Ana NWR	02-Dec-03 - 14-Dec-03	CWB
2nd U.S. record; photo by Benton Bashom			
<i>Perichares philetas</i>	Starr: Salineno	22-Nov-03	CRS
<i>Decinea percossius</i>	Hidalgo: Santa Ana NWR	25-Oct-03	MDO
<i>Ancyloxypha arene</i>	Val Verde: Del Rio	11-Aug-03	B/K
<i>Oarisma edwardsii</i>	MEDINA: SR 337, 10 mi. E of Leakey	22-Mar-03	CWB
far out !!!!			
<i>Oarisma edwardsii</i>	Jeff Davis: TNC Davis Mts. Preserve	12-Aug-03 - 15-Aug-03	ECK
<i>Copaeodes minimus</i>	KINNEY: Pinto Creek	11-Aug-03	CWB
<i>Hylephila phyleus</i>	DEWITT: Coletto Cr., nr. Yorktown	08-Dec-03	CWB
leg. Derek Muschalek			
<i>Polites vibex</i>	KINNEY: Pinto Creek	11-Aug-03	B/K
<i>Wallengrenia otho</i>	ANDERSON: Gus Engling WMA	24-May-03	NVG
<i>Wallengrenia otho</i>	WILLACY: US 77 @ Yturria Rd.	18-Oct-03	RES
<i>Wallengrenia otho</i>	KLEBERG: 2 mi. S of Riviera	18-Oct-03	RES
<i>Wallengrenia otho</i>	VICTORIA: Mission Valley	01-Nov-03	RHW
<i>Wallengrenia egeremet</i>	FORT BEND: Brazos Bend SP	21-May-03 - 25-May-03	CWB
report by Mike Leski			
<i>Atalopedes campestris</i>	KINNEY: Pinto Creek	11-Aug-03	B/K
<i>Atalopedes campestris</i>	KENEDY: US 77 rest area S. of Sarita	18-Oct-03	RES
<i>Atalopedes campestris</i>	BANDERA: 4 mi E of Utopia	05-Nov-03	CWB
photo by Mitch Heindel			
<i>Atrytone arogos</i>	BAYLOR: Seymour	29-May-76	ECK
<i>Atrytone arogos</i>	PARKER: Springstown	29-May-76	ECK
<i>Atrytone arogos</i>	DONLEY: Clarendon	04-Jul-78	ECK
<i>Atrytone arogos</i>	HEMPHILL: Lake Marvin	23-Jun-84	ECK
<i>Anatrytone logan</i>	CHAMBERS: Anahuac NWR	21-Aug-99	NVG
photo by Rathjen			
<i>Poanes viator zizaniae</i>	ANDERSON: Gus Engling WMA	09-May-03	NVG
photo by Wauer			
<i>Euphyes dion</i>	Wise: LBJ grassland	03-Jun-03	NVG
<i>Euphyes bayensis</i>	HARRIS: Baytown Nature Center	06-Jul-02	NVG
confirms westward occurrence theory by Bordelon/Gatrelle			
<i>Euphyes bayensis</i>	CHAMBERS: Anahuac NWR	17-May-03	NVG
photo by Rathjen; ID by J. Shuey			
<i>Euphyes ruricola metacomet</i>	LLANO: Enchanted Rock SP	21-Apr-03	MAQ
relayed to MAQ from Dan Hardy			
<i>Euphyes ruricola metacomet</i>	ANDERSON: Gus Engling WMA	09-May-03	NVG
photo by Wauer			
<i>Euphyes ruricola metacomet</i>	BASTROP: Bastrop SP	10-May-03	NVG
photo by Wauer; may be a new ssp			
<i>Amblyscirtes nysa</i>	HEMPHILL: Black Kettle WMA	07-May-03	NVG
photo by Wauer			
<i>Amblyscirtes nysa</i>	WEBB: 1mi W Bruni	26-Jul-03	NVG
<i>Amblyscirtes eos</i>	MEDINA: FM 1796, 8 mi. N. of D'Hanis	22-Mar-03	B/K
<i>Amblyscirtes eos</i>	WISE: nr. Greenwood	26-May-03	NVG
photo by Curry			
<i>Amblyscirtes eos</i>	LIVE OAK: Choke Canyon Lake	21-Jun-03	RHW
<i>Amblyscirtes vialis</i>	ANDERSON: Gus Engling WMA	24-May-03	NVG
<i>Lerodea eufala</i>	ANDERSON: Gus Engling WMA	24-May-03	NVG
<i>Calpodas ethlius</i>	WEBB: Laredo CC Campus	01-Jan-00	MAQ
photo by Penelope Warren			
<i>Panoquina panoquinoides</i>	MATAGORDA: Matagorda	13-Jun-03	RHW
<i>Panoquina panoquinoides</i>	REFUGIO: Aransas NWR	29-Sep-03	RHW
<i>Panoquina ocola</i>	KLEBERG: 2 mi. S of Riviera	18-Oct-03	RES
<i>Panoquina ocola</i>	WILLACY: US 77 @ Yturria Rd.	18-Oct-03	RES
<i>Panoquina ocola</i>	KENEDY: US 77 rest area S. of Sarita	18-Oct-03	RES

Panoquina ocola photo by Bob Brewer	WILLIAMSON: Georgetown	20-Nov-03	MAQ
Panoquina evansi	Hidalgo: Bentsen SP	22-Oct-03	ECK
Nyctelius nyctelius also at Santa Ana NWR on 10/25 (MDO)	Hidalgo: Madero	20-Oct-03	CWB
Megathymus yuccae wilsonorum adults em 15-21 Feb	Cameron: Boca Chica area	18-Jan-03	B/K
Megathymus yuccae kendalli old tent	Gillespie: FM965 2.5mi S Co.Line	10-May-03	NVG
Megathymus yuccae kendalli larvae	San Saba: Colorado Bend SP	11-May-03	NVG
Megathymus yuccae kendalli larvae	JIM WELLS: CR145 at CR173	18-Oct-03	NVG
Megathymus coloradensis ova shells	CALLAHAN: 1mi W of Baird	02-May-03	NVG
Megathymus coloradensis larvae	EASTLAND: 2mi E of Ranger	02-May-03	NVG
Megathymus streckeri texanus larvae, reared	BLANCO: Perdenales Falls SP	01-Mar-03	NVG
Megathymus ursus violae larvae, reared	PECOS:	18-Feb-03	NVG
PAPILIONIDAE			
Papilio polyxenes asterius relayed to MAQ from Dan Hardy	LLANO: Enchanted Rock SP	21-Apr-03	MAQ
Papilio polyxenes asterius nr coloro	KINNEY: Brackettville	11-Aug-03	B/K
Papilio ornythion	Starr: Rio Grande City	23-Feb-03 - 16-Mar-03	CRS
Papilio ornythion	Hidalgo: Sharyland Plantation	31-Aug-03	CRS
Papilio ornythion	Starr: Rio Grande City	17-Nov-03	B/K
Papilio troilus relayed to MAQ from brush Freeman	BASTROP: Utley	03-Sep-03	MAQ
Papilio anchisiades idaeus	Hidalgo: Santa Ana NWR	25-Oct-03	MDO
Papilio anchisiades idaeus photo by David Dauphin	Hidalgo: Mission	17-Nov-03	MAQ
PIERIDAE			
Appias drusilla neumoegenii	Denton: LBJ Grassland	13-Apr-03	DXC
Pieris rapae	WISE: LBJ grassland	23-Mar-03	NVG
Pieris rapae confirms old sight record	HIDALGO: Mission	22-Oct-03	CWB
Ganyra josephina josepha also at Madero & Bentsen SP (ECK)	Hidalgo: Pinetas	22-Oct-03	CWB
Anthocharis midea report from Sharon Kersten	MILAM: XE Ranch Nature Preserve	27-Mar-03	MAQ
Anthocharis midea	GOLIAD: Goliad	18-Apr-03	RHW
Colias eurytheme	REAL: 5 mi S of Leakey	11-Sep-92	CWB
Colias eurytheme	Eastland: 2mi E of Ranger	02-May-03	NVG
Zerene cesonia	JOHNSON: Cleburne SP	23-Feb-03	NVG
Zerene cesonia report by Mitch Heindel	BANDERA: 4 mi E of Utopia	05-Nov-03	CWB
Zerene cesonia photo by Bob Brewer	WILLIAMSON: Georgetown	20-Nov-03	MAQ
Anteos clorinde report by Mitch Heindel	BANDERA: 4 mi E of Utopia	22-Nov-03	CWB
Anteos clorinde nivifera	VICTORIA: Mission Valley	27-Aug-03	RHW
Anteos clorinde nivifera	Hidalgo: Santa Ana NWR - Wildlife Dr.	01-Nov-03	CRS
Phoebis sennae	PECOS: W. Sanderson Canyon	11-Aug-03	B/K
Phoebis sennae eubule	REAL: 5 mi S of Leakey	11-Sep-92	CWB
Phoebis philea photo by Martin Reid	TARRANT: Ft. Worth Botanical Gardens	07-Oct-03 - 10-Oct-03	CWB
Phoebis philea white form female	KENEDY: Padre Island	17-Oct-03	CRS
Phoebis philea photo by Bob Brewer	WILLIAMSON: Georgetown	20-Nov-03	MAQ
Phoebis philea ovipositing female	Harris: Houston	28-Dec-03	B/K
Phoebis agarithe	PECOS: W. Sanderson Canyon	11-Aug-03	CWB
Phoebis agarithe	Tarrant: Ft. Worth Botanical Gardens	07-Sep-03	DXC

Phoebis agarithe report by Mitch Heindel	BANDERA: 4 mi E of Utopia	05-Nov-03	CWB
Kricogonia lyside relayed to MAQ from Dan Hardy	LLANO: Enchanted Rock SP	21-Apr-03	MAQ
Kricogonia lyside	HARRIS: Houston	29-Apr-03 - 01-May-03	CWB
Eurema proterpia report by Mitch Heindel	BANDERA: 4 mi E of Utopia	05-Nov-03	CWB
Eurema proterpia photo by Bill Lindemann	GILLESPIE: 3 mi. W. of Fredericksburg	17-Nov-03	MAQ
Eurema lisa	VAL VERDE: Del Rio	11-Aug-03	B/K
Eurema nise nelphe	MEDINA: Hondo Creek	21-Apr-03 - 02-Nov-03	RHW
Eurema nicippe report by Derek Muschalek	DEWITT: Coletto Cr., nr. Yorktown	08-Dec-03	CWB
Eurema mexicanum	Harris: Houston	15-Feb-03	B/K
Eurema mexicanum	PECOS: W. Sanderson Canyon	11-Aug-03	B/K
Eurema mexicanum	KINNEY: Brackettville	11-Aug-03	B/K
Eurema salome limoneum	Cameron: Tucker Unit of Las Palumnas WMA	22-Oct-03	FJP
Nathalis iole	Mitchell: L. Colorado City SP	18-Feb-03	NVG
Nathalis iole	PARKER: L. Mineral Wells SP	22-Feb-03	NVG
LYCAENIDAE			
Chlorostrymon simaethis sarita	WILLACY: SE of Perlita	19-Oct-03	RES
Chlorostrymon simaethis sarita	Cameron: Audobon Palm Grove Sanctuary	22-Nov-03	B/K
Phaeostrymon alcestis	BAYLOR: Seymour	29-May-76	ECK
Phaeostrymon alcestis	ROBERTS: nr. Pampa	12-Jun-76	ECK
Phaeostrymon alcestis	JONES: Abilene SP	05-Jun-03	RHW
Phaeostrymon alcestis	BOSQUE: Meridian	06-Jun-03	RHW
Satyrium titus	Denton: LBJ Grassland	01-Jun-03	DXC
Satyrium titus	Wise: LBJ grassland	03-Jun-03	NVG
Ministrymon clytie	HARRIS: Houston	19-Jun-03	CWB
Ministrymon clytie	KLEBERG: 2.4 mi. S. of Sarita	19-Oct-03	RES
Ministrymon clytie	WILLACY: SE of San Perlita	19-Oct-03	RES
Ministrymon azia	Hidalgo: Santa Ana NWR	25-Oct-03	MDO
Ministrymon azia report by Mitch Heindel	BANDERA: 4 mi E of Utopia	22-Nov-03	CWB
Oenomaus ortygnus 2nd U.S. record; photo by Jan Dauphin	HIDALGO: NABA Butterfly Park	22-Nov-03	MAQ
Calycopis isobeon	VICTORIA: Mission Valley	30-Nov-03	RHW
Callophrys grynea castalis	REAL: SR 337, 10 mi. E of Leakey	22-Mar-03	B/K
Callophrys xami also CRS	Cameron: Loma Alta	23-Nov-03	B/K
Callophrys henrici solata	BANDERA: Hwy. 337 Rest Area nr. Real Co. line	22-Mar-03	B/K
Callophrys henrici solata	MEDINA: FM 1796, 8 mi. N. of D'Hanis	22-Mar-03	B/K
Rekoa stagira U.S. RECORD; photo determination, pending positive identification	HIDALGO: vic. of Mission	20-Nov-03	DH3
Fixsenia favonius autolyucus	LEON: Marquez	22-May-76	ECK
Fixsenia polingi	PECOS: 25mi NW of Marathon	03-May-03	NVG
Parrhasius m-album	JEFF DAVIS: 10 mi. N. of Alpine (Kokernaut Cr.)	04-Jul-75	ECK
Strymon rufusca	Hidalgo: Edinburg WBC	16-Oct-03	MAQ
Strymon yojoa	Hidalgo: Santa Ana NWR	25-Oct-03	MDO
Strymon albatius sedecia	Hidalgo: Santa Ana NWR	25-Oct-03	MDO
Strymon albatius sedecia photo by David Dauphin	Hidalgo: Bentsen SP	17-Nov-03	MAQ
Strymon alea	Hidalgo: Santa Ana NWR	25-Oct-03	MDO
Strymon istapa photo by Penelope Warren	WEBB: Laredo CC Campus	01-Mar-00	MAQ
Strymon istapa	WISE: LBJ grassland	03-Jun-03	NVG
Strymon istapa	KENEDY: US 77 rest area S. of Sarita	18-Oct-03	RES
Strymon istapa	VICTORIA: Mission Valley	03-Nov-03 - 11-Nov-03	RHW
Strymon istapa report by Derek Muschalek	DEWITT: Coletto Cr., nr. Yorktown	08-Dec-03	CWB
Strymon bazochii	Hidalgo: Indian Ridge B&B	11-Aug-03	MAQ
Strymon bazochii	Hidalgo: Santa Ana NWR	25-Oct-03	MDO
Electrostrymon sangala	Starr: Roma	10-Nov-03	DXC
Electrostrymon sangala photo by Dave Hanson	Hidalgo: Edinburg WBC	26-Nov-03	B/K
Zizula cyna	Pecos: W. Sanderson Canyon	11-Aug-03	CWB
Zizula cyna common	Jeff Davis: TNC Davis Mts. Preserve	12-Aug-03 - 15-Aug-03	B/K

Hemiargus ceraunus zachaeina	PECOS: W. Sanderson Canyon	11-Aug-03	B/K
Hemiargus ceraunus zachaeina	VAL VERDE: Del Rio	11-Aug-03	B/K
Hemiargus hanno	VICTORIA: Mission Valley	20-Nov-03	RHW
Hemiargus hanno report by Derek Muschalek	DEWITT: Coletto Cr., nr. Yorktown	08-Dec-03	CWB
Celastrina neglecta	JOHNSON: Cleburne SP	04-May-03	NVG
Celastrina neglecta	HARRIS: Houston	22-Jun-03 - 24-Jun-03	CWB
Lycaeides melissa	HUTCHINSON: Lake Meredith	06-May-03	RHW
Plebejus acmon texana	Brewster: E. of Marathon	11-Aug-03	CWB
RIODINIDAE			
Calephelis perditalis	JIM WELLS: CR145 5mi S CR172	18-Oct-03	NVG
Calephelis perditalis	VICTORIA: Mission Valley	11-Nov-03	RHW
Calephelis perditalis report by Derek Muschalek	DEWITT: Coletto Cr., nr. Yorktown	08-Dec-03	CWB
Calephelis rawsoni	KINNEY: Brackettville	11-Aug-03	B/K
Calephelis rawsoni	TERRELL: Sanderson	11-Aug-03	B/K
Calephelis rawsoni	VAL VERDE: Del Rio	11-Aug-03	B/K
Calephelis rawsoni to clear up any confusion	Hidalgo: Pinetas	24-Oct-03	CWB
Caria ino melicerta	WILLACY: SE of San Perlita	19-Oct-03	RES
Emesia emesia photo by David Dauphin	Hidalgo: Mission	17-Nov-03	MAQ
Apodemia walkeri photo by Ro Wauer and Mike Overton	Cameron: Los Ebanos Preserve	03-Jan-03	MAQ
Apodemia walkeri	Cameron: Southmost	22-Nov-03	ECK
NYMPHALIDAE			
Libytheana carinenta photo by Penelope Warren	LLANO: Enchanted Rock SP	21-Apr-03	MAQ
Heliconius charitonius vazquezae report from Barbara Ribble	HAYS: Perdernaes River	10-Sep-03	MAQ
Heliconius charitonius vazquezae common	Starr: Rio Grande City	23-Nov-03	B/K
Heliconius charitonius vazquezae	VICTORIA: Mission Valley	30-Nov-03	RHW
Polygonia interrogationis	JOHNSON: Cleburne SP	23-Feb-03	NVG
Polygonia comma	ANDERSON: Gus Engling WMA	09-May-03	RHW
Nymphalis antiopa	PARKER: L. Mineral Wells SP	22-Feb-03	NVG
Nymphalis antiopa	PECOS: 25mi NW of Marathon	03-May-03	NVG
Vanessa virginiensis	JOHNSON: Cleburne SP	23-Feb-03	NVG
Vanessa virginiensis	BROOKS: US 281 Rest Area nr. Encino	26-Oct-03	CWB
Vanessa virginiensis	VICTORIA: Mission Valley	11-Nov-03 - 15-Nov-03	RHW
Vanessa cardui	WILLACY: US 77 @ Yturria Rd.	18-Oct-03	RES
Vanessa cardui	KLEBERG: Riviera	18-Oct-03	RES
Vanessa cardui	KENEDY: Encino	18-Oct-03	RES
Vanessa cardui	BROOKS: US 281 Rest Area nr. Encino	26-Oct-03	CWB
Vanessa cardui report by Derek Muschalek	DEWITT: Coletto Cr., nr. Yorktown	08-Dec-03	CWB
Vanessa annabella	TERRELL: Sanderson	12-Aug-03	CWB
Vanessa atalanta rubria	MITCHELL: L. Colorado City SP	18-Feb-03	NVG
Vanessa atalanta rubria	BROOKS: US 281 Rest Area nr. Encino	26-Oct-03	CWB
Vanessa atalanta rubria report by Derek Muschalek	DEWITT: Coletto Cr., nr. Yorktown	08-Dec-03	CWB
Junonia coenia report by Mitch Heindel	BANDERA: 4 mi E of Utopia	05-Nov-03	CWB
Junonia coenia report by Mitch Heindel	BANDERA: 4 mi E of Utopia	11-Nov-03	CWB
Junonia evarete	REFUGIO: Aransas NWR	29-Sep-03	RHW
Anartia jatrophae luteipicta photo by Penelope Warren	WEBB: Laredo CC Campus	01-Apr-00	MAQ
Anartia jatrophae luteipicta	GOLIAD: Goliad	22-Jun-03	RHW
Anartia jatrophae luteipicta	KLEBERG: US 77 rest area S. of Sarita	18-Oct-03	RES
Anartia jatrophae luteipicta report by Derek Muschalek	DEWITT: Coletto Cr., nr. Yorktown	08-Dec-03	CWB
Anartia fatima many other reports from the LRGV	Starr: Rio Grande City	17-Nov-03 - 18-Nov-03	B/K
Anartia fatima	Starr: Salineno	22-Nov-03	CRS
Siproeta stelenes biplagiata many other reports from the LRGV	Starr: Rio Grande City	17-Nov-03	B/K
Euptoieta claudia	REAL: 5 mi S of Leahey	11-Sep-92	CWB

<i>Euptoieta claudia</i>	JOHNSON: Cleburne SP	23-Feb-03	NVG
<i>Euptoieta hegesia meridiana</i>	WILLACY: US 77 @ Yturria Rd.	18-Oct-03	RES
<i>Euptoieta hegesia meridiana</i> widespread and common	Hidalgo: Madero	20-Oct-03	CWB
<i>Anthanassa texana</i>	KINNEY: Pinto Creek	11-Aug-03	B/K
<i>Phyciodes tulcis</i>	Hidalgo: Santa Ana NWR	25-Oct-03	MDO
<i>Phyciodes phaon</i>	PECOS: W. Sanderson Canyon	11-Aug-03	B/K
<i>Phyciodes phaon</i>	TERRELL: Sanderson	11-Aug-03	B/K
<i>Phyciodes phaon</i>	KINNEY: Brackettville	11-Aug-03	B/K
<i>Phyciodes tharos</i>	BROOKS: US 281 Rest Area nr. Encino	26-Oct-03	CWB
<i>Phyciodes vesta</i> photo by Mike Leski	FT. BEND: Brazos Bend SP	06-Apr-03	MAQ
<i>Chlosyne lacinia adjutrix</i>	KINNEY: Brackettville	11-Aug-03	CWB
<i>Chlosyne lacinia adjutrix</i>	VICTORIA: Mission Valley	11-Nov-03	RHW
<i>Chlosyne janais</i>	Starr: Rio Grande City	21-Nov-03	CRS
<i>Dymasia dymas</i>	Jeff Davis: TNC Davis Mts. Preserve	14-Aug-03	CWB
<i>Texola elada</i>	TERRELL: Sanderson	11-Aug-03	B/K
<i>Adelpha fessonia</i> many other reports from the LRGV	Hidalgo: Santa Ana NWR - Jaguarundi Trail	14-Jun-03	CRS
<i>Adelpha fessonia</i> report by Dave Hanson	Hidalgo: Bryan Rd. @ US Bus. 83	18-Nov-03	MAQ
<i>Adelpha bredowii eulalia</i> relayed to MAQ from Dan Hardy	LLANO: Enchanted Rock SP	21-Apr-03	MAQ
<i>Adelpha bredowii eulalia</i> photo by Dave Hannisian (long way from home sister, cwb)	HIDALGO: Mission	22-Nov-03	MAQ
<i>Eunica tatila</i> report by Julie Craves	Hidalgo: Santa Ana NWR	29-Nov-03	CWB
<i>Dynamine dyonis</i> many other reports from the LRGV	Hidalgo: Santa Ana NWR	25-Oct-03	MDO
<i>Epiphile adrasta</i> photo by David Dauphin	Hidalgo: Anzalduas Park	20-Nov-03	MAQ
<i>Mestra amymone</i>	VICTORIA: Mission Valley	11-Nov-03 - 30-Nov-03	RHW
<i>Biblis hyperia aganisa</i>	Hidalgo: Santa Ana NWR	25-Oct-03	MDO
<i>Biblis hyperia aganisa</i>	Hidalgo: Santa Ana NWR - Wildlife Dr.	31-Oct-03	CRS
<i>Biblis hyperia aganisa</i>	Starr: Fronton	31-Oct-03	CRS
<i>Hamadryas februa ferentina</i>	WILLACY: E. Cavasos	14-Jul-03	NVG
<i>Hamadryas guatemalena marmarice</i> photo by E. Thompson	CAMERON: Laguna Vista	30-Jul-00	MAQ
<i>Hamadryas guatemalena marmarice</i> many other reports from the LRGV	Hidalgo: Santa Ana NWR	20-Oct-03	MAQ
<i>Hamadryas guatemalena marmarice</i>	Starr: Rio Grande City	18-Nov-03	CWB
<i>Marpesia chiron</i>	Hidalgo: Sharyland Plantation	30-Aug-03	CRS
<i>Marpesia chiron</i>	Hidalgo: Mercedes	20-Oct-03	CRS
<i>Marpesia petreus</i> perfect specimen; photo by Jane Loomis (hopefully not an escapee from Moody Gardens, cwb)	GALVESTON: Galveston	14-Jul-03	MAQ
<i>Marpesia petreus</i>	Hidalgo: Sharyland Plantation	30-Aug-03	CRS
<i>Marpesia petreus</i>	Hidalgo: Mercedes	20-Oct-03	CRS
<i>Marpesia petreus</i>	Hidalgo: Pinetas	21-Oct-03	CWB
<i>Anaea andria</i>	PARKER: L. Mineral Wells SP	22-Feb-03	NVG
<i>Anaea andria</i>	PECOS: W. Sanderson Canyon	11-Aug-03	CWB
<i>Asterocampa celtis antonia</i>	KINNEY: Brackettville	11-Aug-03	CWB
<i>Asterocampa leilia</i>	DUVAL: CR202 at SH359	18-Oct-03	NVG
<i>Asterocampa leilia</i> report by Mitch Heindel	BANDERA: 4 mi E of Utopia	05-Nov-03	CWB
<i>Doxocopa pavon</i>	Starr: Rio Grande City	18-Nov-03	B/K
<i>Doxocopa pavon</i> photo by David Dauphin	Hidalgo: Anzalduas Park	19-Nov-03	MAQ
<i>Doxocopa laure</i>	Starr: Rio Grande City	18-Nov-03	CWB
<i>Enodia creola</i> photo by Rathjen	LIBERTY: Trinity River NWR	24-Jun-01	NVG
<i>Megisto cymela</i>	JOHNSON: Cleburne SP	04-May-03	NVG
<i>Megisto rubricata</i>	PECOS: 25mi NW of Marathon	14-Jun-03	NVG
<i>Danaus gilippus strigosus</i> report by Diane Milano & Hugh Wedgeworth	MONTGOMERY: Cut 'n Shoot	07-Nov-03	MAQ
<i>Danaus eresimus montezuma</i> photo by Penelope Warren	WEBB: Laredo CC Campus	01-Nov-99	MAQ
<i>Danaus eresimus montezuma</i> report by Mitch Heindel	BANDERA: 4 mi E of Utopia	05-Nov-03	CWB

Tegosa anieta luka U.S. RECORD; leg. Mimi Wolf, det Brian Harris & Mike Overton, specimen at LACM	NACOGDOCHES: Lake Sam Rayburn	06-Aug-77	MAQ
Moths			
SESIIDAE			
Zenodoxus maculipes	VAL VERDE: Del Rio	11-Aug-03	CWB
Vitacea admiranda	TERRELL: Sanderson	11-Aug-03	B/K
PYRALIDAE			
Hyalorista taeniolalis N range extension	HARRIS: Spring Valley	23-Aug-03	ECK
URANIIDAE			
Urania fulgens photo by Dave Hanson	Hidalgo: NABA Butterfly Park	07-Nov-03	CWB
SATURNIIDAE			
Eacles imperialis photo by Tony Gallucci	KERR: Camp Rio Vista	21-Aug-03	MAQ
Citheronia regalis	ANGELINA: Angelina NF	23-Aug-03	RJN
Citheronia phoronea U.S. RECORD; det PAO	STARR: Fronton	07-Sep-97	DEB
Hemileuca maia peigleri photo by Brush Freeman	CALHOUN: Port O'Conner	20-Dec-03	RSP
Agapema anona dyari photo by Sara Tebeau	PECOS: Coyanosa	18-Nov-03	MAQ
Eupackardia calleta	UVALDE: Concan	05-Oct-03	GDM
Hyalophora cecropia photo by Kathryn Palmer	BELL: Salado	04-Apr-03	MAQ
SPHINGIDAE			
Agrius cingulata	Hidalgo: El Rancho San Francisco	05-Jul-03	CRS
Agrius cingulata	ANGELINA: Angelina NF	23-Aug-03	RJN
Cocytius antaeus	UVALDE: Concan	28-Oct-01	GDM
Manduca quinque maculata	NUECES: Corpus Christi	07-Apr-03	CRS
Manduca lanuginosa U.S. RECORD	HIDALGO: El Rancho San Francisco	11-Jul-03	CRS
Ceratonia amyntor	ANGELINA: Angelina NF	23-Aug-03	RJN
Ceratonia undulosa	Starr: Roma Int'l. Bridge	05-Jul-03	CRS
Ceratonia igualana U.S. RECORD; leg. J. Gillaspay, det Ian Kitching	BASTROP: Stengl 'Lost Pines' Biological Station	01-Jul-00	B/K
Sphinx separata	Jeff Davis: TNC Davis Mts. Preserve	12-Aug-03	B/K
Sphinx libocedrus	TERRELL: Sanderson	11-Aug-03	B/K
Paonias myops	ANGELINA: Angelina NF	23-Aug-03	RJN
Erinnyis lassauxii	CALDWELL: Luling	12-Oct-03	ECK
Erinnyis yucatana U.S. RECORD	UVALDE: Concan	09-Mar-02	GDM
Erinnyis domingonis	UVALDE: Concan	16-Sep-03	GDM
Pachylia ficus	UVALDE: Concan	14-Jun-01	GDM
Perigonia lusca 2nd State record	UVALDE: Concan	04-Oct-02	GDM
Aellopos titan	HARRIS: Houston	21-Apr-03	CWB
Aellopos titan	KLEBERG: Padre Island	17-Aug-03	CRS
Eumorpha fasciata	ANGELINA: Angelina NF	23-Aug-03	RJN
Eumorpha labruscae photo by Jeri Pitts	ELLIS: Ennis	12-Nov-03	MAQ
Darapsa myron photo by Greg Lasely	TRAVIS: Austin	04-Apr-03	MAQ
Xylophanes tersa	ANGELINA: Angelina NF	23-Aug-03	RJN
NOTODONTIDAE			
Furcula nivea meridionalis	Jeff Davis: TNC Davis Mts. Preserve	14-Aug-03	B/K
ARCTIIDAE			
Lycomorpha splendens	Terrell: Sanderson	11-Aug-03	B/K
Purius superpulverea 2nd U.S. record	Hidalgo: Bentsen SP	19-Oct-03	ECK
Cosmosoma myrodora leg. Steve Sivek	CHAMBERS: Baytown	04-Nov-03	CWB
NOCTUIDAE			
Idia denticulalis	MONTGOMERY: Lake Houston SP	25-May-03	B/K
Thysania zenobia	UVALDE: Concan	27-Sep-03	GDM
Toxonprucha diffundens abundant	Hidalgo: Bentsen SP	30-Jul-03	B/K

<i>Pseudanthracia coracias</i>	KENEDY: Sarita	27-Jul-03	B/K
<i>Zale chisosensis</i>	Jeff Davis: TNC Davis Mts. Preserve	14-Aug-03	B/K
<i>Catocala innubens</i>	HARRIS: Spring Valley	06-Jun-03	ECK
<i>Catocala insolabilis</i>	UVALDE: Concan	19-May-03	GDM
<i>Catocala palaeogama</i>	UVALDE: Concan	18-May-02	GDM
STATE RECORD			
<i>Catocala ilia</i>	HARRIS: Spring Valley	25-May-03	ECK
<i>Catocala delilah desdemona</i>	MEDINA: Castroville	08-Jun-03	ECK
<i>Mouralia tinctoides</i>	HARRIS: Spring Valley	06-Jun-03	ECK
<i>Tripudia damozela</i>	BREWSTER: Big Bend NP, Chisos Basin	07-May-97	B/K
STATE RECORD, recently determined			
<i>Aleptina clinopetes</i>	Terrell: Sanderson	11-Aug-03	B/K
<i>Eumestleta cinnamomea</i>	Cameron: Audobon Palm Grove Sanctuary	28-Jul-03	B/K
<i>Theresea huachuca</i>	BREWSTER: Big Bend NP, Chisos Basin	12-Aug-99	B/K
STATE RECORD, recently determined			
<i>Acontia lucasi</i>	Terrell: Sanderson	11-Aug-03	B/K
<i>Acontia bilimeki</i>	Jeff Davis: TNC Davis Mts. Preserve	13-Aug-03	B/K
<i>Harrisimemna trisignata</i>	Montgomery: Lake Houston SP	25-May-03	B/K
<i>Cryphia sarepta</i>	Jeff Davis: TNC Davis Mts. Preserve	14-Aug-03	B/K
<i>Achatodes zeae</i>	Harris: Spring Valley	11-Apr-03	ECK
<i>Stiria blanchardi</i>	TERRELL: Sanderson	11-Aug-03	B/K
<i>Homohadena infixa</i>	FT. BEND: Brazos Bend SP	03-May-03	B/K
<i>Richia salina</i>	Jeff Davis: TNC Davis Mts. Preserve	12-Aug-03 - 14-Aug-03	B/K
<i>Euagrotis beata</i>	Jeff Davis: TNC Davis Mts. Preserve	12-Aug-03	B/K
<i>Abagrotis mexicana</i>	JEFF DAVIS: TNC Davis Mts. Preserve	12-Aug-03	B/K
<i>Schinia obliqua</i>	Jeff Davis: TNC Davis Mts. Preserve	12-Aug-03 - 14-Aug-03	B/K

Zone 7 Ontario/Quebec

Ontario, Quebec

Coordinator: Jeffrey P. Crolla

Contributors Cited:

DDB : David D. Beadle
 PHC : Phillip Careless
 JJD : Jason Dombroskie
 TAH : Thomas A. Hanrahan
 MK : Michael King
 C-M : Craig McLachlan
 DS4 : D. Lynn Scott
 AW : Alan Wormington

RLB : Robert L. Bowles
 AC : Alain Charpentier
 RFF : Robert F. Foster
 H/S : Barry Harrison&Jim Spottiswood
 WGL : William G. Lamond
 D-P : Don Peuremaki
 KS : Ken Stead
 R-Y : Robert Yukich

DB : David Bree
 JC : Jeffrey P. Crolla
 LH : Louis Handfield
 CDJ : Colin D. Jones
 RAL : Ross A. Layberry
 CR3 : Chris Rickard
 JT : Jim Troubridge

General Comments:

2003 was a poor year for migrant species on the whole, with Alan Wormington reporting a relatively quiet year for southern immigrants at Point Pelee and several reporters noting the same for the Toronto area. *Ascalapha odorata* was recorded at Point Pelee and at two locations in Quebec, mainly in July, and *Spoladea recurvalis* was found in Toronto on a few warm nights in October, the first Ontario records of the latter species for many years. A northward movement of *Papilio cressphontes* was noted in August in southern Ontario, with several records from the Toronto area and individuals reaching as far north as Mount Albert and Presqu'île Provincial Park. *Anatrytone logan* and *Everes comyntas* were found at more new locations in the Ottawa area in 2003, including records of *logan* from the Outaouais region in southwestern Quebec. Ross Layberry found Cherry Gall Azure larvae and adults at several locations near Ottawa, with all larvae being found on small *Prunus* trees in understory in heavy shade, and only on trees with very dense populations of galls. Jim Troubridge found *Hyles euphorbiae* to be fairly common at Stittsville and Carp Hills near Ottawa. The introduced noctuid *Apamea unanimitis* was common in mid to late June at Delta, Stittsville and Carp Hills in eastern Ontario.

ONTARIO

Butterflies

HESPERIIDAE

<i>Epargyreus clarus</i> 134 individuals; a notably high count	York: Toronto Islands	21-Jul-02	R-Y
<i>Epargyreus clarus</i> leg Bill Gilmour, first Park record	Northumberland: Presqu'île PP	07-Jul-03	PHC
<i>Erynnis martialis</i> also J. Donald Lafontaine and TAH, found on 3 dates at known colony along Lanark/Ottawa-Carleton county line	Lanark: The Burnt Lands	02-Jun-03 - 10-Jun-03	RAL
<i>Erynnis funeralis</i> voucher photo; 6th ON record of this rare stray and 4th for Toronto	York: Toronto, Humber Bay Park	06-Oct-02	D-P
<i>Erynnis baptisiae</i> 37 seen on 4-Aug; Oct date is late	York: Toronto, Eglinton Flats	04-Aug-03 - 20-Oct-03	R-Y

Polites origenes leg Carl J. Rothfels, first Park record, deposited in Algonquin PP collection	NIPISSING: Algonquin PP, Nightingale Twp., Lake Louisa Rd.	09-Jul-03	CDJ
Pompeius verna leg Ethan Anderman, 2nd Park record	Northumberland: Presqu'ile PP	11-Jul-03	PHC
Anatrytone logan at known Poanes massasoit site	STORMONT: 3 km E of Grantley	14-Jul-02 - 18-Jul-03	TAH
Anatrytone logan	Ottawa-Carleton: Ridge Rd., Mer Bleue	10-Aug-02	TAH
Anatrytone logan	Grenville: Hanlan's Marsh, 6 km E of Merrickville	09-Jul-03 - 19-Jul-03	TAH
Anatrytone logan	Ottawa-Carleton: Bowesville Rd., 1 km S of Ottawa Int. Airport	10-Jul-03	TAH
Anatrytone logan	Ottawa-Carleton: 5 km SE of Dwyer Hill Siding	14-Jul-03 - 01-Aug-03	RAL
Anatrytone logan	Grenville: 4 km S of Burritts Rapids	19-Jul-03 - 17-Aug-03	TAH
Anatrytone logan	Ottawa-Carleton: Shirley's Bay, Ottawa	20-Jul-03	TAH
Anatrytone logan	Ottawa-Carleton: Robertson Rd., Bells Corners	23-Jul-03	TAH
Anatrytone logan	Grenville: South Gower Rd., 5 km E of Kemptville	25-Jul-03	TAH
Anatrytone logan	Ottawa-Carleton: Cody Creek, 1.6 km SW of Manion Corners	25-Jul-03	RAL
Anatrytone logan	LANARK: Blakeney	29-Jul-03	TAH
Anatrytone logan	Ottawa-Carleton: 3.2 km ESE of Manion Corners	31-Jul-03	RAL
Anatrytone logan	Lanark: 5 km S of Halls Mills	03-Aug-03	RAL
PAPILIONIDAE			
Papilio crespontes same individual seen on three dates	York: Toronto, 437 Quebec Ave.	15-Aug-03 - 20-Aug-03	C-M
Papilio crespontes voucher photo by Edward & Linda Fenner	York: Mount Albert, 65 Alice St.	16-Aug-03	JC
Papilio crespontes first Park record; seen by Ian Shanahan, Ethan Anderman, and Martha Dowsley	NORTHUMBERLAND: Presqu'ile PP	25-Aug-03	PHC
Papilio crespontes first Park record	York: Toronto, High Park	28-Aug-03	R-Y
Papilio crespontes	Brant: Brantford	17-Sep-03	KS
PIERIDAE			
Eurema lisa	BRANT: Brantford	29-Jun-03	KS
Eurema lisa 3rd Park record; caught by Don Shanahan	Northumberland: Presqu'ile PP	18-Jul-03	PHC
LYCAENIDAE			
Lycaena hyllus many pupae and pupal shells found on Rumex verticillatus	Ottawa-Carleton: 5 km SE of Fitzroy Harbour	26-Aug-03 - 27-Aug-03	RAL
Lycaena hyllus over 50 ova found on Rumex crispus	Ottawa-Carleton: 5 km SE of Fitzroy Harbour	30-Aug-03	RAL
Callophrys grynea three specimens; first Park record	Northumberland: Ferris PP (44deg 17' N, 77deg 48' W)	27-Jun-03	PHC
Everes comyntas	Ottawa-Carleton: Flood Rd. at Brassil's Creek, Marlborough Twp.	07-Jun-01	RAL
Everes comyntas	Ottawa-Carleton: 5 km SE of Fitzroy Harbour	26-Aug-03	RAL
Everes comyntas all records of transients in atypical habitat but several colonies now known from Ottawa area where previously very rare	Ottawa-Carleton: dirt rd. at SE end of Long Swamp, Huntley Twp.	31-Aug-03	RAL
Celastrina n. sp. adults of Cherry Gall Azure on four dates	Ottawa-Carleton: 5 km SE of Fitzroy Harbour	31-May-03 - 15-Jun-03	RAL
Celastrina n. sp. adults	Ottawa-Carleton: The Sand Hills, Constance Bay	02-Jun-03 - 15-Jun-03	RAL
Celastrina n. sp. total of 32 larvae found, 30 on Prunus virginiana and 2 on Prunus serotina	Ottawa-Carleton: 5 km SE of Fitzroy Harbour	15-Jun-03 - 30-Jun-03	RAL
Celastrina n. sp. two larvae on Prunus virginiana	Ottawa-Carleton: The Sand Hills, Constance Bay	26-Jun-03	RAL
Celastrina n. sp. six larvae on Prunus virginiana	Ottawa-Carleton: Morris Island	27-Jun-03	RAL
Celastrina n. sp. three larvae on Prunus virginiana	RENFREW: North K & P Trail, Ashdad	30-Jun-03	RAL
NYMPHALIDAE			
Libytheana carinenta rare in Toronto	York: Toronto, Centre Island	02-Sep-03	R-Y
Polygonia progne rare in Toronto	York: Toronto, railway in downtown area	28-Jul-03	JC
Polygonia progne rare in Toronto	York: Toronto, Ward's Island	29-Jul-03	R-Y
Phyciodes tharos 85 seen, mostly fresh	York: Toronto Islands	11-Sep-03	R-Y
Euphydryas phaeton first Park record; leg T. Piche at trailer sanitary station pond (45 deg 35' 03" N, 78 deg 27' 08" W)	NIPISSING: Algonquin PP, Canisbay Twp.	15-Jul-03	JJD
Limenitis archippus a hybrid archippus X L. arthemis collected in semi-treed fen; archippus primarily found in peatlands in the area	Thunder Bay: base of Black Bay Peninsula, Lyon Twp.	28-Aug-01	RFF

Danaus plexippus female ovipositing on Vincetoxicum nigrum	York: Toronto, High Park	08-Jul-03	R-Y
Moths			
OECOPHORIDAE			
Semioscopis merricella	PETERBOROUGH: Petroglyphs PP, staff house	29-Apr-03	DB
Ethmia zelleriella	YORK: Toronto, 642 Dovercourt Rd. at Hepbourne Ave.	12-Jun-02	JC
Ethmia longimaculella	LEEDS: Delta	01-Jul-02 - 11-Jul-02	JC
Polix coloradella	DURHAM: Brooklin	21-Jul-02	DDB
Polix coloradella	NIPISSING: Algonquin PP, Peck Twp., Found Lake staff house	18-Jun-03	JJD
YPONOMEUTIDAE			
Atteva punctella probably the northernmost occurrence in the province	OTTAWA-CARLETON: Dunrobin	25-Jul-02	DS4
SESIIDAE			
Albuna fraxini pair in copula on 21 July at 1800h EDT (on Parthenocissus leaf) and 23 July at 1635h EDT	YORK: Toronto, railway in downtown area	16-Jul-03 - 11-Aug-03	JC
Melittia cucurbitae nectaring at Asclepias syriaca; and on one date also Cirsium arvense and Melilotus alba	York: Toronto, railway in downtown area	14-Jul-03 - 28-Jul-03	JC
Synanthedon acerrubri on both dates nectaring on flowers of Asclepias syriaca at 1700-1800h EDT	YORK: Toronto, railway in downtown area	18-Jul-03 - 23-Jul-03	JC
Synanthedon scitula at MV light	York: Toronto, 642 Dovercourt Rd. at Hepbourne Ave.	27-Jun-03	JC
Synanthedon pictipes at MV light	York: Toronto, 642 Dovercourt Rd. at Hepbourne Ave.	25-Jul-01	JC
Synanthedon acerni	Leeds: Delta	30-Jun-02 - 07-Jul-02	JC
Synanthedon acerni	York: Toronto, 642 Dovercourt Rd. at Hepbourne Ave.	25-Jun-03 - 30-Jul-03	JC
Podosesia syringae leg M. Burrell, W.K. Godsoe, and C.P. Robinson; deposited in Algonquin PP collection	NIPISSING: Algonquin PP, Guthrie Twp., Basin Depot	10-Jul-02	JJD
CHOREUTIDAE			
Tebenna onustana on flowers of Chrysanthemum leucanthemum & Ranunculus acris in wet meadow	LEEDS: Delta	16-Jun-03	JC
Choreutis pariana at MV and black light	YORK: Toronto, 642 Dovercourt Rd. at Hepbourne Ave.	19-Sep-02	JC
COSSIDAE			
Prionoxystus robiniae	PETERBOROUGH: Petroglyphs PP, staff house	04-Jul-03	DB
PYRALIDAE			
Nymphula ekthlipsis	PETERBOROUGH: Petroglyphs PP, staff house	23-Jul-03	DB
Parapoynx maculalis	PETERBOROUGH: Petroglyphs PP, staff house	25-Jul-03	DB
Parapoynx allionealis	PETERBOROUGH: Petroglyphs PP, staff house	19-Jun-03	DB
Metrea ostreonalis	PETERBOROUGH: Petroglyphs PP, staff house	09-Jul-03	DB
Fumibotys fumalis	PETERBOROUGH: Petroglyphs PP, staff house	31-Jul-03	DB
Pyrausta bicoloralis	PETERBOROUGH: Petroglyphs PP, staff house	26-Aug-03	DB
Hymenia perspectalis	York: Toronto, 642 Dovercourt Rd. at Hepbourne Ave.	04-Oct-01 - 19-Sep-02	JC
Spoladea recurvalis collected at neon lights of a storefront	York: Toronto, Bloor Ave. W at Brunswick St.	11-Oct-03	JC
Spoladea recurvalis two specimens at MV light; very rarely reaches ON	York: Toronto, 642 Dovercourt Rd. at Hepbourne Ave.	21-Oct-03 - 31-Oct-03	JC
Aglossa cuprina	PETERBOROUGH: Petroglyphs PP, staff house	05-Aug-03	DB
Epipaschia superatalis also MK; 2nd ON locality; voucher photo	NORFOLK: Wilson Tract (42deg 38' 30"N, 80deg 34' 31"W)	13-Jul-02	DDB
THYATIRIDAE			
Euthyatira pudens	PETERBOROUGH: Petroglyphs PP, staff house	29-Apr-03	DB
GEOMETRIDAE			
Semiothisa multilineata CANADA RECORD; deposited in CNC	LEEDS: Delta	30-Jun-02 - 06-Jul-02	JC
Semiothisa continuata	PETERBOROUGH: Petroglyphs PP, staff house	12-Aug-03	DB
Semiothisa gnophosaria	York: Toronto, Leslie St. Spit	23-Jul-00	DDB
Semiothisa gnophosaria	York: Toronto, 642 Dovercourt Rd. at Hepbourne Ave.	18-Aug-03	JC
Enconista dislocaria	BRANT: Brantford	20-Jul-94	WGL
Enconista dislocaria	LAMBTON: Port Franks	26-Jul-98	KS
Orthofidonia flavivenata	PETERBOROUGH: Petroglyphs PP, staff house	15-May-03	DB
Glena cribrataria 3rd ON record, voucher photo	DURHAM: Brooklin, 172 Way St., in garden	18-May-03	DDB
Anacamptodes humaria	DURHAM: Brooklin, 172 Way St., in garden	12-Jul-03	DDB
Melanolophia signataria	PETERBOROUGH: Petroglyphs PP, staff house	30-May-03	DB
Phigalia titea	PETERBOROUGH: Petroglyphs PP, staff house	29-Apr-03	DB
Phigalia strigataria	PETERBOROUGH: Petroglyphs PP, staff house	29-Apr-03	DB
Anagoga occiduarua	NORFOLK: Wilson Tract (42deg 38' 30"N, 80deg 34' 31"W)	31-Jul-03	DDB

<i>Probole alienaria</i>	PETERBOROUGH: Petroglyphs PP, staff house	16-May-03	DB
<i>Nepytia pellucidaria</i> voucher photo, suggested as possibly extinct by Wagner et al. 2001; ON records are few, may be overlooked as <i>canosaria</i>	Renfrew: Round Lake Centre	07-Sep-00	JJD
<i>Nepytia pellucidaria</i> also J. Klymko; a larva photographed on <i>Pinus banksiana</i> ; first park record	NIPISSING: Algonquin PP, rd. to radio dish nr. Lake Traverse	14-Jul-01	JJD
<i>Nepytia pellucidaria</i> with C.J. Rothfels et al.	Nipissing: Algonquin PP, rd. to mill site nr. Lake Traverse	12-Oct-02	JJD
<i>Nepytia pellucidaria</i> first Park record, <i>Pinus resinosa</i> is the only hard pine and the likely host plant at this location	Peterborough: Petroglyphs PP, staff house	03-Sep-03	DB
<i>Eugonobapta nivosaria</i>	PETERBOROUGH: Petroglyphs PP, staff house	22-Jul-03	DB
<i>Prochoerodes transversata</i>	PETERBOROUGH: Petroglyphs PP, staff house	03-Sep-03	DB
<i>Chlorochlamys chloroleucaria</i>	PETERBOROUGH: Petroglyphs PP, staff house	22-Jul-03	DB
<i>Leptostales ferruminaria</i> voucher photo	PETERBOROUGH: Petroglyphs PP, staff house	28-May-03	DB
<i>Eulithis testata</i>	PETERBOROUGH: Petroglyphs PP, staff house	27-Aug-03	DB
<i>Plemyria georgii</i>	PARRY SOUND: Portage Lake (nr. Lake Joseph)	03-Aug-03	DDB
<i>Hydriomena perfracta</i>	PETERBOROUGH: Petroglyphs PP, staff house	07-Jun-03	DB
<i>Triphosa haesitata</i>	PETERBOROUGH: Petroglyphs PP, staff house	30-Jul-03	DB
<i>Anticlea vasilata</i>	PETERBOROUGH: Petroglyphs PP, staff house	29-Apr-03	DB
<i>Euphyia unangulata intermediata</i>	PETERBOROUGH: Petroglyphs PP, staff house	26-Aug-03	DB
<i>Epirrita autumnata henshawi</i>	PETERBOROUGH: Petroglyphs PP, staff house	08-Oct-03	DB
<i>Aplocera plagiata</i> several dates, these appear to be the first ON records outside the Ottawa area where it was introduced in 1988	LEEDS: Delta	12-Jun-03 - 18-Jun-03	JC
<i>Cladara limitaria</i>	PETERBOROUGH: Petroglyphs PP, staff house	29-Apr-03	DB
EPIPLEMIDAE			
<i>Callizzia amorata</i>	PETERBOROUGH: Petroglyphs PP, staff house	02-Aug-03	DB
MIMALLONIDAE			
<i>Cicinnus melsheimeri</i>	Norfolk: Wilson Tract (42deg 38' 30"N, 80deg 34' 31"W)	03-Jul-03	DDB
APATELODIDAE			
<i>Olceclostera angelica</i> also MK and A. Timpf	Norfolk: Wilson Tract (42deg 38' 30" N, 80deg 34' 31"W)	26-Jun-01 - 13-Jul-02	DDB
<i>Olceclostera angelica</i> arrived on collecting sheet from 0310 to 0345h EDT	Leeds: Delta	08-Jul-02 - 09-Jul-02	JC
LASIOCAMPIDAE			
<i>Malacosoma americanum</i>	NORFOLK: Wilson Tract (42deg 38' 30"N, 80deg 34' 31"W)	03-Jul-03	DDB
SATURNIIDAE			
<i>Eacles imperialis pini</i>	Leeds: Delta	09-Jul-02	JC
<i>Eacles imperialis pini</i>	Ottawa-Carleton: Dunrobin	17-Jul-02	DS4
<i>Eacles imperialis pini</i>	Peterborough: Petroglyphs PP, staff house	24-Jun-03 - 17-Jul-03	DB
<i>Eacles imperialis pini</i>	Parry Sound: South Magnetawan River 4 km NE of Harris Lake	05-Jul-03 - 08-Jul-03	RLB
<i>Sphingicampa bicolor</i> an older record not in Riotte 1992	KENT: Rondeau PP	15-Jul-69	JT
<i>Automeris io</i> first Park record	Northumberland: Ferris PP	15-Jun-03	PHC
<i>Automeris io</i>	Peterborough: Petroglyphs PP, staff house	19-Jun-03 - 03-Jul-03	DB
<i>Antheraea polyphemus</i> first Park record	Northumberland: Ferris PP	15-Jun-03	PHC
<i>Antheraea polyphemus</i>	Peterborough: Petroglyphs PP, learning place	26-Jun-03 - 03-Jul-03	DB
<i>Actias luna</i> first Park record	Northumberland: Ferris PP	15-Jun-03	PHC
<i>Actias luna</i>	PETERBOROUGH: Petroglyphs PP, staff house	25-Jun-03	DB
<i>Callosamia promethea</i> first Park record	Northumberland: Ferris PP	15-Jun-03	PHC
<i>Callosamia promethea</i> two larvae on <i>Prunus</i> -like shrub; one reared on peach	BRUCE: Cape Chin	01-Sep-03	CR3
<i>Callosamia angulifera</i> also MK	Norfolk: Wilson Tract (42deg 38' 30"N, 80deg 34' 31"W)	13-Jul-02	DDB
<i>Callosamia angulifera</i> rare in southern ON	Norfolk: Bachus Woods	14-Jun-03	JT
<i>Hyalophora cecropia</i>	BRUCE: Cape Chin	24-Jun-00 - 24-Jun-02	CR3
<i>Hyalophora cecropia</i> first Park record	Northumberland: Ferris PP	15-Jun-03	PHC
<i>Hyalophora columbia</i> a male in 2002 attracted to a caged calling <i>H. cecropia</i> ; larva from female in 2003 reared on <i>Betula papyrifera</i>	BRUCE: Cape Chin	24-Jun-02 - 24-Jun-03	CR3
SPHINGIDAE			
<i>Dolba hyloeus</i>	Leeds: Delta	17-Jun-03	JC
<i>Dolba hyloeus</i>	PETERBOROUGH: Petroglyphs PP, learning place	15-Jul-03	DB

<i>Sphinx canadensis</i>	DURHAM: Brooklin, 172 Way St., in garden	19-Jul-03	DDB
<i>Hemaris gracilis</i> voucher photo; two seen	Nipissing: Algonquin PP, Canisbay Twp., old airfield	08-Jun-03	JJD
<i>Sphecodina abbottii</i>	NORFOLK: Wilson Tract (42deg 38' 30"N, 80deg 34' 31"W)	01-Jun-02	DDB
<i>Darapsa versicolor</i>	PARRY SOUND: Portage Lake (nr. Lake Joseph)	24-Jun-00 - 30-Jun-01	DDB
<i>Darapsa pholus</i>	PETERBOROUGH: Petroglyphs PP, learning place	26-Jun-03 - 02-Jul-03	DB
<i>Hyles gallii</i>	LEEDS: Delta	10-Jun-03	JC
NOTODONTIDAE			
<i>Gluphisia lintneri</i>	Leeds: Delta	19-Apr-03	JC
<i>Furcula modesta</i>	PETERBOROUGH: Petroglyphs PP, staff house	16-May-03 - 06-Aug-03	DB
<i>Cerura scitiscrypta</i>	Peterborough: Petroglyphs PP, staff house	19-Jun-03	DB
<i>Lochmaeus manteo</i>	PETERBOROUGH: Petroglyphs PP, staff house	31-Jul-03	DB
<i>Schizura ipomoeae</i>	PETERBOROUGH: Petroglyphs PP, staff house	22-Jul-03	DB
<i>Schizura badia</i>	PETERBOROUGH: Petroglyphs PP, staff house	26-Jun-03	DB
<i>Hyparpax aurora</i> 4th ON record	NORFOLK: Bachus Woods	14-Jun-03	JT
<i>Hyparpax aurora</i> 5th ON record; voucher photo	Norfolk: Wilson Tract (42deg 38' 30"N, 80deg 34' 31"W)	03-Jul-03	DDB
ARCTIIDAE			
<i>Eilema bicolor</i>	PETERBOROUGH: Petroglyphs PP, staff house	11-Jul-03	DB
<i>Crambidia pura</i> three specimens; new to Ottawa area	LANARK: Pakenham	19-Aug-03	JT
<i>Hypoprepia miniata</i>	PETERBOROUGH: Petroglyphs PP, learning place	13-Aug-03	DB
<i>Hypoprepia fucosa</i>	PETERBOROUGH: Petroglyphs PP, staff house	03-Sep-03	DB
<i>Haploa clymene</i> also MK	NORFOLK: Wilson Tract (42deg 38' 30"N, 80deg 34' 31"W)	30-Jul-02 - 31-Jul-03	DDB
<i>Holomelina laeta</i>	LEEDS: Delta	07-Jul-02	JC
<i>Spilosoma latipennis</i>	York: Toronto, 642 Dovercourt Rd. at Hepbourne Ave.	29-Jun-03	JC
<i>Spilosoma latipennis</i>	Norfolk: Wilson Tract (42deg 38' 30"N, 80deg 34' 31"W)	03-Jul-03	DDB
<i>Epantheria scribonia</i>	Leeds: Delta	30-Jun-02 - 06-Jul-02	JC
<i>Platarctia parthenos</i>	BRUCE: Cape Chin	10-Jul-02	CR3
<i>Grammia virguncula</i>	PETERBOROUGH: Petroglyphs PP, staff house	01-Aug-03	DB
<i>Grammia anna</i>	Leeds: Delta	01-Jul-02 - 04-Jul-02	JC
<i>Grammia anna</i>	PETERBOROUGH: Petroglyphs PP, staff house	26-Jun-03	DB
<i>Grammia celia</i>	PETERBOROUGH: Petroglyphs PP, staff house	26-Jun-03	DB
<i>Grammia parthenice</i>	PETERBOROUGH: Petroglyphs PP, staff house	04-Aug-03	DB
<i>Grammia doris</i> six specimens; new to Ottawa area	OTTAWA-CARLETON: Stittsville	20-Jun-03 - 28-Jun-03	JT
<i>Holomelina opella</i>	Leeds: Delta	03-Jul-02 - 11-Jul-02	JC
<i>Holomelina opella</i> two specimens; new to Ottawa area	OTTAWA-CARLETON: Stittsville	04-Jul-03	JT
LYMANTRIIDAE			
<i>Orygia definita</i>	PETERBOROUGH: Petroglyphs PP, staff house	11-Sep-03	DB
<i>Leucoma salicis</i>	YORK: Toronto, 4 Yarmouth Gardens	02-Jul-02 - 03-Jul-02	DDB
NOCTUIDAE			
<i>Idia americalis</i> two specimens of melanic form which has only recently been reported in ON	York: Toronto, 642 Dovercourt Rd. at Hepbourne Ave.	23-Jul-03 - 04-Sep-03	JC
<i>Macrochilo bivittata</i>	Leeds: Delta	02-Jul-02	JC
<i>Renia discoloralis</i> 3rd ON locality, voucher photo confirmed by J. Donald Lafontaine	NORFOLK: Wilson Tract (42deg 38' 30"N, 80deg 34' 31"W)	31-Jul-03	DDB
<i>Rivula propinqualis</i>	PETERBOROUGH: Petroglyphs PP, staff house	01-Sep-03	DB
<i>Melanomma auricinctaria</i>	LEEDS: Delta	14-Jun-03	JC
<i>Melanomma auricinctaria</i>	PARRY SOUND: Portage Lake (nr. Lake Joseph)	09-Aug-03	DDB
<i>Parascotia fuliginaria</i> CANADA RECORD; at MV light; voucher photo confirmed by J. Donald Lafontaine	PEEL: Brampton, 36 Rosedale Ave. W	18-Jun-01	MK
<i>Parascotia fuliginaria</i> 2nd ON record; voucher photo, at MV light; first records outside NY state of this introduced species?	DURHAM: Brooklin, 172 Way St., in garden	26-Jul-02	DDB
<i>Hypenodes caducus</i>	PARRY SOUND: Portage Lake (nr. Lake Joseph)	09-Aug-03	DDB
<i>Hypena baltimoralis</i>	PETERBOROUGH: Petroglyphs PP, staff house	07-Jun-03	DB
<i>Hypena bijugalis</i> fresh bilateral gyandromorph (left side male, right side female), voucher photo	PETERBOROUGH: Petroglyphs PP, staff house	31-Jul-03	DB
<i>Plusiodonta compressipalpis</i>	Norfolk: Wilson Tract (42deg 38' 30"N, 80deg 34' 31"W)	31-Jul-03	DDB
<i>Anomis sp.</i> a female erosa or flava fimbriago photographed at bait; few ON records of either species	Norfolk: Long Point PP	02-Oct-99	DDB
<i>Ascalapha odorata</i> two males, photos by Henrietta T. O'Neill et al.; total of 12 records from Point Pelee since 1993 alone	Essex: Point Pelee NP, Tip washrooms	30-Jul-03 - 07-Aug-03	AW
<i>Argyrostromis anilis</i>	PETERBOROUGH: Petroglyphs PP, learning place	26-Jun-03	DB

Catocala antinympha	PETERBOROUGH: Petroglyphs PP, staff house	26-Aug-03	DB
Catocala cara	Ottawa-Carleton: Stittsville	20-Aug-03	JT
also Carp Hills, ca. 10 specimens			
Catocala minuta	DURHAM: Brooklin, 172 Way St., in garden	26-Jul-02	DDB
Catocala minuta	York: Toronto, 4 Yarmouth Gardens	30-Jul-03	DDB
Catocala minuta	York: Toronto, 642 Dovercourt Rd. at Hepbourne Ave.	05-Aug-03 - 19-Aug-03	JC
Catocala lineella	HASTINGS: Dickey Lake	27-Jul-02	DDB
voucher photo			
Abrostola ovalis	OTTAWA-CARLETON: Carp Hills	23-Jun-03	JT
PROVINCIAL RECORD			
Chrysanympa formosa	PETERBOROUGH: Petroglyphs PP, staff house	15-Jul-03	DB
Eosporopteryx thyatroides	PARRY SOUND: Portage Lake (nr. Lake Joseph)	09-Aug-03	DDB
Autographa biloba	Leeds: Delta	19-Apr-03	JC
Autographa biloba	York: Toronto	30-Jul-03	DDB
Autographa bimaculata	PETERBOROUGH: Petroglyphs PP, staff house	30-Jul-03	DB
Autographa ampla	PETERBOROUGH: Petroglyphs PP, staff house	02-Jul-03	DB
Plusia venusta	PETERBOROUGH: Petroglyphs PP, staff house	31-Jul-03	DB
Paectes oculatrix	OTTAWA-CARLETON: Stittsville	05-Jul-03	JT
new to Ottawa area			
Paectes abrostolella	NORFOLK: Wilson Tract (42deg 38' 30"N, 80deg 34' 31"W)	03-Jul-03	DDB
2nd ON locality; voucher photo confirmed by J. Donald Lafontaine			
Baileya doubledayi	PETERBOROUGH: Petroglyphs PP, staff house	07-Jun-03 - 22-Jul-03	DB
Baileya ophthalmica	PETERBOROUGH: Petroglyphs PP, staff house	07-Jun-03	DB
Baileya levitans	LEEDS: Lyndhurst	23-May-98	JC
deposited CNC			
Baileya levitans	Ottawa-Carleton: Stittsville	20-Jun-03	JT
few ON records			
Meganola minuscula	Leeds: Delta	04-Jul-02	JC
Meganola spodia	LEEDS: Delta	04-Jul-02 - 09-Jul-02	JC
Lithacodia muscosa	PETERBOROUGH: Petroglyphs PP, staff house	23-Jul-03	DB
Maliattha concinnimacula	DURHAM: Brooklin, 172 Way St., in garden	07-Jun-03	DDB
Cerma cora	Nipissing: Algonquin PP, Sproule Twp., Visitor Centre	14-Jun-02 - 24-Jul-03	JJD
a larva on the latter date			
Leuconycta diptheroides	PETERBOROUGH: Petroglyphs PP, staff house	26-Jun-03 - 15-Jul-03	DB
Leuconycta lepidula	PETERBOROUGH: Petroglyphs PP, staff house	07-Jun-03	DB
Acontia terminimaculata	OTTAWA-CARLETON: Stittsville	28-Jun-03 - 08-Jul-03	JT
ca. 10 specimens; new to Ottawa area			
Panthea acronyctoides	PETERBOROUGH: Petroglyphs PP, staff house	26-Jun-03	DB
Panthea pallescens	PETERBOROUGH: Petroglyphs PP, staff house	28-May-03	DB
Acronicta connecta	HALDIMAND: Cayuga	15-Jun-03	JT
rare in southern ON			
Acronicta vinnula	Leeds: Delta	18-Jun-03	JC
Acronicta clarescens	YORK: Toronto, 642 Dovercourt Rd. at Hepbourne Ave.	01-Sep-00	JC
rare in southern ON			
Agriopodes fallax	PETERBOROUGH: Petroglyphs PP, staff house	18-Jun-03	DB
Psychomorpha epimenis	Durham: Ajax	04-May-03	H/S
Psychomorpha epimenis	York: Scarborough, Rouge Park	15-May-03	H/S
Psychomorpha epimenis	Durham: Whitby, Heberdown Conservation Area	18-May-03	H/S
Apamea verbascoides	PETERBOROUGH: Petroglyphs PP, staff house	03-Jul-03	DB
Apamea plutonia	Norfolk: Wilson Tract (42deg 38' 30"N, 80deg 34' 31"W)	13-Jul-02	DDB
Apamea alia	DURHAM: Brooklin, 172 Way St., in garden	28-Jun-02	DDB
Apamea ophiogramma	DURHAM: Brooklin, 172 Way St., in garden	19-Jul-02 - 20-Jul-02	DDB
Apamea unanimitis	DURHAM: Brooklin, 172 Way St., in garden	28-Jun-02 - 29-Jun-02	DDB
Apamea unanimitis	Leeds: Delta	10-Jun-03 - 22-Jun-03	JC
common nightly			
Apamea lutosa	Ottawa-Carleton: Ottawa, Bronson Ave. at Gilmour St.	30-Jun-97	JC
confirmed by J. Donald Lafontaine; rare in Ottawa area			
Apamea lutosa	Ottawa-Carleton: Stittsville	08-Jul-03	JT
rare in Ottawa area, also ca. 10 more the same week			
Oligia fractilinea	PETERBOROUGH: Petroglyphs PP, staff house	26-Aug-03	DB
Oligia minuscula	PARRY SOUND: Portage Lake (nr. Lake Joseph)	06-Aug-03	DDB
Oligia mactata	PETERBOROUGH: Petroglyphs PP, staff house	17-Sep-03	DB
Oligia illocata	PETERBOROUGH: Petroglyphs PP, staff house	01-Sep-03	DB
Meropleon diversicolor	PETERBOROUGH: Petroglyphs PP, staff house	18-Sep-03	DB
Lemmeria digitalis	PETERBOROUGH: Petroglyphs PP, staff house	20-Sep-03	DB
voucher photo			
Spartiniphaga includens	LEEDS: Delta	08-Jul-02	JC
Spartiniphaga panatela	LEEDS: Delta	03-Jul-02	JC

<i>Chortodes defecta</i>	LEEDS: Delta	05-Jul-02	JC
<i>Archanara subflava</i>	Norfolk: Wilson Tract (42deg 38' 30"N, 80deg 34' 31"W)	31-Jul-03	DDB
<i>Archanara laeta</i>	NORFOLK: Long Point PP	21-Aug-03	JT
rare in southern ON, six specimens			
<i>Papaipema leucostigma</i>	PETERBOROUGH: Petroglyphs PP, staff house	26-Aug-03 - 12-Sep-03	DB
<i>Papaipema lysimachiae</i>	PETERBOROUGH: Petroglyphs PP, staff house	03-Sep-03	DB
<i>Papaipema inquaesita</i>	PETERBOROUGH: Petroglyphs PP, staff house	18-Sep-03	DB
<i>Iodopepla u-album</i>	NORFOLK: Long Point PP	14-May-00	DDB
<i>Iodopepla u-album</i>	Norfolk: Long Point PP	21-Aug-03	JT
rare in southern ON, 14 specimens			
<i>Bellura gortynoides</i>	PETERBOROUGH: Petroglyphs PP, staff house	30-Jul-03	DB
<i>Bellura obliqua</i>	PETERBOROUGH: Petroglyphs PP, staff house	07-Jun-03	DB
<i>Bellura densa</i>	OTTAWA-CARLETON: Carp Hills	23-Jun-03 - 15-Aug-03	JT
PROVINCIAL RECORD; two specimens on former date and one on the latter date			
<i>Phlogophora iris</i>	PETERBOROUGH: Petroglyphs PP, staff house	02-Jul-03	DB
<i>Phlogophora periculosa</i>	PETERBOROUGH: Petroglyphs PP, staff house	13-Aug-03 - 19-Aug-03	DB
<i>Conservula anodonta</i>	PETERBOROUGH: Petroglyphs PP, maintenance building	09-Jul-02	DB
<i>Conservula anodonta</i>	Ottawa-Carleton: Carp Hills	04-Jul-03 - 12-Jul-03	JT
rare in Ottawa area; three specimens			
<i>Conservula anodonta</i>	PARRY SOUND: Portage Lake (nr. Lake Joseph)	02-Aug-03	DDB
<i>Energia decolor</i>	PETERBOROUGH: Petroglyphs PP, staff house	13-Aug-03 - 26-Aug-03	DB
<i>Energia mephisto</i>	Norfolk: Wilson Tract (42deg 38' 30"N, 80deg 34' 31"W)	26-Jun-01	DDB
<i>Energia mephisto</i>	Leeds: Delta	03-Jul-02 - 12-Jul-02	JC
<i>Energia mephisto</i>	Ottawa-Carleton: Stittsville	21-Jun-03 - 31-Jul-03	JT
also Carp Hills, ca. 20 specimens			
<i>Fagitana littera</i>	Ottawa-Carleton: Stittsville	04-Jul-03	JT
rare in Ottawa area, two specimens			
<i>Callopietria mollissima</i>	PETERBOROUGH: Petroglyphs PP, staff house	22-Jul-03	DB
<i>Callopietria cordata</i>	PETERBOROUGH: Petroglyphs PP, staff house	26-Jun-03	DB
<i>Amphipyra pyramidoides</i>	PETERBOROUGH: Petroglyphs PP, staff house	05-Aug-03 - 11-Sep-03	DB
<i>Platyperigea montana</i>	York: Toronto, 642 Dovercourt Rd. at Hepbourne Ave.	02-Jul-03 - 17-Sep-03	JC
confirmed by J. Donald Lafontaine; since 2000 at two downtown locations; accidental introduction from west Canada ?			
<i>Platyperigea montana</i>	York: Toronto, 4 Yarmouth Gardens	04-Jul-03	DDB
<i>Spodoptera exigua</i>	YORK: Toronto	26-Sep-02 - 15-Oct-02	JC
PROVINCIAL RECORD; two specimens; was listed by Riotte 1992, possibly in error for <i>frugiperda</i>			
<i>Plagiomimicus pityochromus</i>	NORFOLK: Wilson Tract (42deg 38' 30"N, 80deg 34' 31"W)	31-Jul-03	DDB
2nd ON record; voucher photo			
<i>Xylena cineritia</i>	Leeds: Delta	20-Apr-03	JC
<i>Lithophane semiusta</i>	Ottawa-Carleton: Dunrobin	04-May-03	DS4
<i>Lithophane baileyi</i>	PETERBOROUGH: Petroglyphs PP, staff house	18-Sep-03 - 28-Sep-03	DB
<i>Psectraglaea carnosa</i>	OTTAWA-CARLETON: Carp Hills	20-Sep-03 - 24-Sep-03	JT
three specimens; new to Ottawa area			
<i>Eucirroedia pampina</i>	PETERBOROUGH: Petroglyphs PP, staff house	31-Aug-03 - 16-Sep-03	DB
<i>Sunira bicolorago</i>	PETERBOROUGH: Petroglyphs PP, staff house	12-Sep-03	DB
<i>Sutyna privata</i>	PETERBOROUGH: Petroglyphs PP, staff house	03-Sep-03 - 28-Sep-03	DB
<i>Feralia jocosa</i>	Leeds: Delta	19-Apr-03	JC
<i>Feralia major</i>	Leeds: Delta	19-Apr-03 - 20-Apr-03	JC
<i>Brachionycha borealis</i>	Nipissing: Algonquin PP, Sproule Twp., Visitor Centre	24-Apr-02 - 21-Apr-03	JJD
<i>Psaphida electilis</i>	Ottawa-Carleton: Dunrobin	06-May-02 - 09-May-03	DS4
<i>Psaphida rolandi</i>	OTTAWA-CARLETON: Dunrobin	15-Apr-02 - 20-Apr-03	DS4
det J. Donald Lafontaine			
<i>Psaphida styracis</i>	Ottawa-Carleton: Dunrobin	16-Apr-02 - 19-Apr-03	DS4
<i>Psaphida resumens</i>	Ottawa-Carleton: Dunrobin	18-Apr-03 - 10-May-03	DS4
<i>Adita chionanthi</i>	DURHAM: Brooklin, 172 Way St., in garden	12-Sep-03	DDB
<i>Oncocnemis saundersiana</i>	DURHAM: Brooklin, 172 Way St., in garden	21-Sep-02	DDB
voucher photo, few ON records			
<i>Sideridis congermana</i>	Ottawa-Carleton: Carp Hills	04-Jun-03 - 09-Jun-03	JT
rare in Ottawa area, three specimens			
<i>Polia purpurissata</i>	PETERBOROUGH: Petroglyphs PP, staff house	19-Aug-03	DB
<i>Neoligia subjuncta</i>	OTTAWA-CARLETON: Stittsville	08-Jul-03	JT
several other dates as well; new to Ottawa area			
<i>Trichordestra rugosa</i>	PARRY SOUND: Portage Lake (nr. Lake Joseph)	27-Jun-03	DDB
<i>Trichordestra legitima</i>	PETERBOROUGH: Petroglyphs PP, staff house	11-Jul-03	DB
<i>Hadena capsularis</i>	Norfolk: Wilson Tract (42deg 38' 30"N, 80deg 34' 31"W)	14-Jul-02	DDB
also MK			
<i>Lacinipolia renigera</i>	PETERBOROUGH: Petroglyphs PP, staff house	13-Aug-03	DB
<i>Faronta rubripennis</i>	NORFOLK: Wilson Tract (42deg 38' 30"N, 80deg 34' 31"W)	30-Jul-02 - 31-Jul-03	DDB
2nd ON record; voucher photos, previous record from Hymers (in USNM) basis for Forbes 1954 and Covell 1984			

<i>Orthosia rubescens</i> common	Leeds: Delta	19-Apr-03 - 20-Apr-03	JC
<i>Orthosia revicta</i>	PETERBOROUGH: Petroglyphs PP, staff house	15-May-03	DB
<i>Morrisonia evicta</i>	PETERBOROUGH: Petroglyphs PP, staff house	29-Apr-03 - 15-May-03	DB
<i>Nephelodes minians</i>	PETERBOROUGH: Petroglyphs PP, staff house	26-Aug-03 - 03-Sep-03	DB
<i>Agrotis vetusta</i>	PETERBOROUGH: Petroglyphs PP, staff house	27-Aug-03	DB
<i>Agrotis venerabilis</i>	PETERBOROUGH: Petroglyphs PP, staff house	06-Sep-03	DB
<i>Trichosilia geniculata</i>	PETERBOROUGH: Petroglyphs PP, staff house	16-Aug-03	DB
<i>Euxoa fumosa</i> rare in Ottawa area, two specimens	LANARK: Pakenham	29-Aug-03	JT
<i>Euxoa bostoniensis</i> three specimens; new to Ottawa area	OTTAWA-CARLETON: Stittsville	15-Sep-03 - 20-Sep-03	JT
<i>Xestia normaniana</i>	PETERBOROUGH: Petroglyphs PP, staff house	13-Aug-03	DB
<i>Xestia smithii</i>	PETERBOROUGH: Petroglyphs PP, staff house	26-Aug-03 - 16-Sep-03	DB
<i>Pseudohermonassa bicarnea</i>	PETERBOROUGH: Petroglyphs PP, staff house	02-Aug-03	DB
<i>Xestia youngii</i>	PETERBOROUGH: Petroglyphs PP, staff house	27-Aug-03	DB
<i>Metalepsis salicarum</i>	PETERBOROUGH: Petroglyphs PP, staff house	29-Apr-03	DB
<i>Cerastis fishii</i> voucher photo, few ON records	PARRY SOUND: Portage Lake (nr. Lake Joseph)	29-Apr-00	DDB
<i>Rhizedra lutosa</i>	YORK: Toronto, Leslie St. Spit	09-Oct-99	DDB
<i>Rhizedra lutosa</i>	DURHAM: Darlington Nuclear Power Station	01-Sep-00	DDB
<i>Abagrotis brunneipennis</i> voucher photo	PETERBOROUGH: Petroglyphs PP, staff house	27-Aug-03	DB
<i>Abagrotis orbis</i> reported incorrectly as <i>A. variata</i> in 2002 Season Summary; confirmed as <i>A. orbis</i> by J. Donald Lafontaine	YORK: Toronto, 642 Dovercourt Rd at Hepbourne Ave	06-Sep-01 - 10-Sep-03	JC
<i>Eutricopis nexilis</i> on <i>Taraxacum officinalis</i>	Nipissing: Algonquin PP, Sproule Twp., Visitor Centre	22-May-02	JJD
<i>Schinia rivulosa</i> also MK	Norfolk: Wilson Tract (42deg 38' 30"N, 80deg 34' 31"W)	30-Jul-02	DDB

QUEBEC

Butterflies

HESPERIIDAE

<i>Hesperia comma laurentina</i>	Pontiac: 5 km NNW of Klukeville along road	13-Aug-03	TAH
<i>Anatrytone logan</i> first records for the Outaouais, at <i>Satyrrium edwardsii</i> site in meadow at base of escarpment	PONTIAC: Luskville Falls	15-Jul-01 - 14-Jul-03	TAH
<i>Anatrytone logan</i>	: Hull, jct. of Pink Rd. and Mountain Rd.	20-Jul-03	TAH
<i>Amblyscirtes hegon</i>	Gatineau: 10 km E of Low	02-Jun-03 - 12-Jun-03	TAH
<i>Amblyscirtes hegon</i>	Pontiac: Champlain Lookout, Gatineau Park	10-Jun-03	TAH
<i>Amblyscirtes hegon</i>	Gatineau: Eardley-Masham Rd., Gatineau Park	20-Jun-03	TAH

PIERIDAE

<i>Colias interior</i>	Pontiac: 5 km NNW of Klukeville along road	13-Aug-03	TAH
------------------------	--	-----------	-----

LYCAENIDAE

<i>Satyrrium edwardsii</i>	Pontiac: Luskville Falls	14-Jul-03	TAH
<i>Satyrrium caryaevorum</i> also Peter W. Hall; hundreds on 19 July	Gatineau: Hickory Trail, Gatineau Park	19-Jul-03 - 22-Jul-03	TAH
<i>Plebejus saepiolus</i>	Gatineau: 5 km NE of Danford Lake	21-Jun-03	TAH

NYMPHALIDAE

<i>Polygonia satyrus</i>	Gatineau: Camp Gatineau Rd., Gatineau Park	14-Jul-03	TAH
--------------------------	--	-----------	-----

Moths

NOCTUIDAE

<i>Ascalapha odorata</i> female taken at bait; 2nd record for Mont-Saint-Hilaire	: Mont-Saint-Hilaire (45deg 33' N, 73deg 09' W)	22-Jul-03	AC
<i>Ascalapha odorata</i> very worn female taken at light by Pierre Bolduc	: Lac-Drolet (45deg 43' N, 70deg 51' W)	29-Aug-03	LH

Zone 8 Midwest

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

Coordinator: Leslie A. Ferge

Contributors Cited:

GJB : George J. Balogh

LAF : Leslie A. Ferge

TH : Terry Herig

JB2 : Jeffrey Belth

RAH : Richard A. Henderson

RK : Robert Kriegel

JAE : James E. Ebner

ETH : E. Ted Herig

SWK : Scott W. Kuipers

RL : Richard L. Long
 MCN : Mogens C. Nielsen
 OAP : Owen A. Perkins
 S-S : Chuck Sekerman & Ray Stanford
 JWJ : John Weber, Jr

PWM : Paul W. Martsching
 JCP : James C. Parkinson
 BGS : Brian G. Scholtens
 TLS : Todd Stout

FCM : Frederick C. Mosher
 SJP : Stephen J. Parshall
 JDS : John D. Schwartz
 SAS : Scott & Ann Swengel

General Comments:

Reports from the northern part of the zone indicated a mild winter, but cold conditions delayed spring emergences. Numbers of many Lepidoptera species appeared to be lower than average. The influx of migratory species northward was less than previous seasons, with fewer species and low numbers of individuals seen. The one notable exception was *Vanessa cardui*, which was reported in large numbers in Illinois, Iowa and Wisconsin from late August into early October.

ILLINOIS

Butterflies

HESPERIIDAE

Epargyreus clarus KNOX: Oneida 30-Aug-03 JWJ

PAPILIONIDAE

Battus philenor LaSalle: Ottawa 23-Jul-03 - 20-Aug-03 SWK
Papilio polyxenes asterius LaSalle: Waterman, Ottawa 16-May-03 - 23-Jul-03 SWK
Papilio polyxenes asterius Kane: Elgin, Burnidge Forest Preserve 12-Jul-03 - 25-Jul-03 JDS
Papilio polyxenes asterius Will: Custer Park 08-Aug-03 - 23-Jul-03 SWK
Papilio polyxenes asterius KNOX: Oneida 30-Aug-03 JWJ
Papilio cresphontes LaSalle: Ottawa 09-Aug-03 - 20-Aug-03 SWK
Papilio glaucus DuPage: West Chicago 29-Apr-03 - 18-Aug-03 SWK
Papilio glaucus LaSalle: Ottawa 23-Jul-03 SWK
Papilio glaucus Kane: Elgin, Burnidge Forest Preserve 25-Jul-03 JDS
Papilio glaucus Will: Custer Park 08-Aug-03 SWK
Papilio troilus Will: Custer Park 05-Aug-03 - 08-Aug-03 SWK
Eurytides marcellus DuPage: West Chicago 17-Jul-03 SWK

PIERIDAE

Pieris rapae KNOX: Oneida 30-Aug-03 JWJ

NYMPHALIDAE

Libytheana bachmanii LaSalle: Ottawa 29-Jul-03 - 09-Aug-03 SWK
Polygonia comma Kane: Elgin, Burnidge Forest Preserve 12-Jul-03 JDS
Vanessa cardui Kane: Elgin, Burnidge Forest Preserve 12-Jul-03 JDS
Vanessa cardui KNOX: Oneida 30-Aug-03 JWJ
Vanessa atalanta Kane: Elgin, Burnidge Forest Preserve 12-Jul-03 JDS
Euptoieta claudia LaSalle: Sheridan 16-Sep-03 SWK
Speyeria cybele Cook: Somme Woods Forest Preserve 14-Jul-03 SJP
Speyeria cybele Kane: Elgin, Burnidge Forest Preserve 25-Jul-03 JDS
Speyeria cybele LaSalle: Ottawa 29-Jul-03 SWK
Chlosyne nycteis LaSalle: Ottawa 10-Sep-03 SWK
Limenitis archippus Cook: Somme Woods Forest Preserve 14-Jul-03 SJP
Satyroides eurydice Will: Custer Park 16-Jul-03 - 05-Aug-03 SWK
Satyroides appalachia Cook: Somme Woods Forest Preserve 14-Jul-03 SJP

Moths

SATURNIIDAE

Citheronia regalis Jersey: Elsah 07-Jul-03 LAF
 leg Kenneth & Patti Gibbs
Antheraea polyphemus DuPage: West Chicago 15-May-03 - 11-Jul-03 SWK
Callosamia promethea DuPage: West Chicago 18-Jun-03 - 03-Jul-03 SWK
Hyalophora cecropia DuPage: West Chicago 26-May-03 - 10-Jul-03 SWK

ARCTIIDAE

Phragmatobia lineata Stephenson: 5 miles W of Freeport 23-Aug-03 FCM

NOCTUIDAE

Zanclognatha pedipalis Cook: Chicago 23-Jun-03 FCM
Zale galbanata Stephenson: 5 miles W of Freeport 23-Aug-03 FCM
Catocala palaeogama Stephenson: 5 miles W of Freeport 23-Aug-03 FCM
Catocala cara Stephenson: 5 miles W of Freeport 23-Aug-03 FCM
Catocala amatrix Cook: Chicago 03-Jul-03 FCM
Catocala amatrix Stephenson: 5 miles W of Freeport 23-Aug-03 FCM
Catocala grynea Cook: Chicago 03-Jul-03 FCM
Catocala amica Cook: Skokie, Emily Oaks Nature Center 16-Aug-03 SJP
Raphia abrupta Cook: Chicago 03-Jul-03 SJP

INDIANA

Butterflies

HESPERIIDAE

Urbanus proteus STATE RECORD	BARTHOLOMEW: 9285 S. Road 100 West	10-Aug-02	JB2
Erynnis horatius	VIGO: Terre Haute	16-Jul-03	RL
Erynnis funeralis	VIGO: Terre Haute	15-Sep-03	RL
Hesperia leonardus	CRAWFORD: Leavenworth Barrens Nature Preserve	06-Sep-03	JB2
Poanes hobomok	VIGO: Terre Haute	05-Jun-03	RL
Atrytonopsis hianna	MONROE: Akkens Creek, Lake Monroe	13-May-03	JB2

PAPILIONIDAE

Battus philenor	VIGO: Terre Haute	17-Jul-03 - 30-Aug-03	RL
Papilio polyxenes	VIGO: Terre Haute	18-Jun-03 - 30-Aug-03	RL
Papilio polyxenes	PUTNAM: Greencastle	14-Jul-03	RL

LYCAENIDAE

Callophrys irus	STARKE: Ober Savanna Nature Preserve	03-May-03	JB2
Parrhasius m-album	BARTHOLOMEW: 9285 S. Road 100 West	17-Aug-03	JB2

RIODINIDAE

Calephelis borealis documented by Sandy Belth	BROWN: Shipley Hollow Road	25-Jun-03	JB2
--	----------------------------	-----------	-----

NYMPHALIDAE

Danaus plexippus	VIGO: Terre Haute	09-May-03 - 24-Oct-03	RL
------------------	-------------------	-----------------------	----

Moths

YPONOMEUTIDAE

Atteva punctella	Vigo: Terre Haute	17-May-03 - 05-Aug-03	RL
------------------	-------------------	-----------------------	----

SPHINGIDAE

Hemaris thysbe	Vigo: Terre Haute	15-Aug-03	RL
Hemaris diffinis	Vigo: Terre Haute	09-Jul-03 - 16-Aug-03	RL

ARCTIIDAE

Ctenucha virginica	Vigo: Terre Haute	30-Jul-03 - 05-Oct-03	RL
--------------------	-------------------	-----------------------	----

IOWA

Butterflies

HESPERIIDAE

Erynnis baptisiae	MILLS: TNC Folsom Point Preserve and vicinity.	07-Sep-03	S-S
Pholisora catullus	CEDAR: I-80 rest area	01-Sep-03	JWJ
Ancyloxypha numitor	CEDAR: I-80 rest area	30-Aug-03	JWJ
Hesperia leonardus leonardus/pawnee intergrades; not found at Star School Prairie, S in Missouri	Mills: TNC Folsom Point Preserve and vicinity.	07-Sep-03	S-S
Hesperia leonardus leonardus/pawnee intergrades	Pottawatomie: TNC Folsom Point Preserve and vicinity.	07-Sep-03	S-S
Atalopedes campestris	POTTAWATOMIE: TNC Folsom Point Preserve and vicinity.	06-Sep-03	S-S

PIERIDAE

Eurema nicippe	POTTAWATOMIE: TNC Folsom Point Preserve and vicinity.	07-Sep-03	S-S
----------------	---	-----------	-----

LYCAENIDAE

Lycaena dione	Story: Ames	12-Jul-03	PWM
---------------	-------------	-----------	-----

NYMPHALIDAE

Vanessa cardui very common this year	Story: Doolittle Prairie, Ames	06-Sep-03 - 14-Sep-03	PWM
Speyeria idalia	Story: Doolittle Prairie	05-Jul-03	PWM
Enodia anthedon	CEDAR: I-80 rest area	30-Aug-03	JWJ

Moths

GEOMETRIDAE

Semiothisa subminiata	Story: Ames	02-Sep-03 - 06-Sep-03	PWM
Cyclophora packardi	Story: Ames	01-Aug-03	PWM

LASIOCAMPIDAE

Heteropacha rileyana	Story: Ames	29-Jul-03	PWM
----------------------	-------------	-----------	-----

SPHINGIDAE

Ceratonia hageni	Story: Ames	24-Aug-03	PWM
Sphinx eremitus	Story: Ames	12-Jul-03 - 03-Jul-03	PWM
Sphinx drupiferarum	Story: Ames	18-Jun-03 - 03-Jul-03	PWM
Erinnyis obscura	Story: Ames	17-Sep-03 - 08-Oct-03	PWM
Eumorphia achemon	Story: Ames	23-Jun-03	PWM

Sphecodina abbottii	Story: Ames	11-Jun-03	PWM
Xylophanes tersa	Story: Ames	22-Jun-03	PWM
NOTODONTIDAE			
Dasylophia anguina	Story: Ames	02-Aug-03 - 05-Sep-03	PWM
Schizura badia	Story: Ames	29-Jul-03	PWM
ARCTIIDAE			
Phragmatobia assimilans	Story: Ames	25-Jul-03	PWM
Cycnia inopinatus	Story: Ames	26-Jul-03	PWM
NOCTUIDAE			
Drasteria howlandi	Story: Ames	29-Jul-03	PWM
Catocala piatrix	Story: Ames	03-Sep-03 - 17-Sep-03	PWM
Catocala maestosa	Story: Ames	16-Sep-03	PWM
Catocala meskei	Story: Ames	04-Sep-03 - 17-Sep-03	PWM
Acontia aprica	Story: Ames	28-Jul-03 - 16-Aug-03	PWM
Papaipema furcata	Story: Ames	19-Sep-03 - 24-Sep-03	PWM
Papaipema necopina	Story: Ames	05-Oct-03	PWM
Cirrhophanus triangulifer	Story: Ames	19-Aug-03	PWM
Noctua pronuba	Story: Ames	06-Jul-03 - 12-Sep-03	PWM
Schinia lynx	Story: Ames	14-Aug-03 - 22-Aug-03	PWM
Schinia arcigera	Story: Ames	25-Aug-03	PWM
Schinia jaguarina	Story: Ames	05-Jul-03	PWM
Schinia grandimedia	Story: Ames	25-Aug-03 - 26-Aug-03	PWM
Schinia gracilentia	Story: Ames	15-Aug-03	PWM
Schinia tertia	Story: Ames	24-Sep-03 - 30-Sep-03	PWM
Schinia chrysellia	Story: Ames	22-Aug-03	PWM

MICHIGAN

Nielsen observed that the season started later than last year, with many emergences being delayed all season long. Temperatures and rainfall fluctuated greatly, but overall, dry conditions dominated the season.

Butterflies

HESPERIIDAE

Hesperia comma laurentina	Baraga: T50N, R33W, Sec 7	05-Aug-03	OAP
Euphyes dion	Cheboygan: Wildwood Rd., 45.363°N 84.655°W	06-Aug-03	BGS
Euphyes dion	Emmet: Cecil Bay, 45.747°N 84.804°W	08-Aug-03	BGS
Atrytonopsis hianna record from Jennifer Fetting	MUSKEGON: Manistee NF, Consumer's Energy r/w	05-Jun-03 - 10-Jun-03	MCN
Atrytonopsis hianna	Otsego: Mackinaw SF	14-Jun-03	MCN
Amblyscirtes hegon	Marquette: McCormick Tract	26-Jun-03	MCN

PAPILIONIDAE

Papilio cressphontes	St. Joseph: Three Rivers SGA	02-Aug-03	TH
Papilio cressphontes also MCN	ALLEGAN: Allegan SGA	02-Aug-03	TH
Eurytides marcellus	Cass: Westrate Farm	02-Aug-03	TH

LYCAENIDAE

Lycaena epixanthe michiganensis	Chippewa: T47N, R5W, Sec 18	06-Aug-03	OAP
Callophrys polios	Keweenaw: Brockway Mountain	31-May-03	RK
Callophrys irus record from Jennifer Fetting	Kent: Cannonsburg SGA	31-May-03	MCN
Callophrys eryphon record from Lora Loope	ALGER: Pictured Rocks SGA	17-May-03	MCN
Lycaeides idas nabokovi also MCN	Alger: Shingleton	16-Jul-03 - 18-Jul-03	OAP
Lycaeides melissa samuelis also MCN, TH	Allegan: Allegan SGA	26-Jul-03 - 02-Aug-03	RK

RIODINIDAE

Calephelis muticum	Jackson: Grand River Fen	22-Jul-03	MCN
--------------------	--------------------------	-----------	-----

NYPHALIDAE

Polygona satyrus neomarsyas	Baraga: T50N, R34W, Sec 2	05-Aug-03	OAP
Polygona progne	Baraga: T50N, R33W, Sec 7	05-Aug-03	OAP
Boloria eunomia dawsoni also MCN	Luce: Lake Superior SF	15-Jun-03	OAP
Boloria eunomia dawsoni	Keweenaw: Point Isabelle bog	16-Jun-03	RK
Boloria eunomia dawsoni	Baraga: Copper Country SF	18-Jun-03	RK
Boloria frigga saga also MCN	Luce: Lake Superior SF	08-Jun-03	OAP

Boloria frigga saga also MCN, OAP	Keweenaw: Point Isabelle bog	16-Jun-03 - 17-Jun-03	RK
Boloria freija	Chippewa: T44N, R6W, Sec 12	18-May-03	OAP
Boloria freija also MCN	Iron: Hope Lake bog	20-May-03 - 21-May-03	OAP
Boloria freija also MCN	Dickinson: Channing bog	21-May-03	OAP
Phyciodes batesii	Otsego: Mackinaw SF	14-Jun-03 - 15-Jun-03	MCN
Neonympha mitchellii	Jackson: Grand River Fen	12-Jul-03 - 22-Jul-03	MCN
Coenonympha inornata record from Edward Sneller	INGHAM: Lansing	20-Sep-03	MCN
Coenonympha inornata southernmost MI locality; record from Julie Craves	WAYNE: near Sibley Prairie	17-Aug-03	MCN
Erebia discoidalis also MCN	Iron: Hope Lake bog	20-May-03 - 22-May-03	OAP
Erebia discoidalis also MCN	Dickinson: Channing bog	21-May-03	OAP
Oeneis chryxus strigulosa also MCN	Delta: Hiawatha NF	19-May-03	OAP
Oeneis chryxus strigulosa also MCN	Dickinson: Copper Country SF	21-May-03	OAP
Oeneis chryxus strigulosa	Otsego: Mackinaw SF	01-Jun-03 - 02-Jun-03	MCN
Oeneis jutta ascerta	GOGEBIC: Ottawa NF	27-May-03 - 14-Jun-03	RK
Oeneis jutta ascerta also MCN, OAP	Keweenaw: Point Isabelle bog	16-Jun-03 - 17-Jun-03	RK

Moths

GRACILLARIIDAE

Paractopa occulta ex larvae from leaf mines in Lathyrus japonicus collected 20 Aug, 2003	Keweenaw: Great Sand Bay dunes	01-Sep-03 - 12-Sep-03	GJB
---	--------------------------------	-----------------------	-----

MOMPHIDAE

Mompha raschkiella STATE RECORD; ex larvae from leaf mines collected 28 July, 2002 in Epilobium angustifolium; det Terry Harrison	KEWEENAW: 2.2 mi. W of Copper Harbor	02-Jun-03 - 10-Jun-03	GJB
--	--------------------------------------	-----------------------	-----

COSMOPTERIGIDAE

Stagmatophora sexnotella adults at light and also flushed from host, Trichostema brachiatum, growing on open alvar	CHIPPEWA: Drummond Island, Maxton Plain	05-Jul-03	GJB
---	---	-----------	-----

CHOREUTIDAE

Tebenna silphiella STATE RECORD; ex larvae collected 22 June, 2003 from leaf webs on Silphium integrifolium	CASS: T6S, R16W, Sec 22	08-Jul-03 - 27-Jul-03	GJB
--	-------------------------	-----------------------	-----

PYRALIDAE

Pyrausta bicoloralis	EMMET: Maple River, 45.568°N 84.749°W	09-Aug-03	BGS
Eoreuma densella 2nd record from the area	Cheboygan: Wildwood Rd., 45.365°N 84.651°W	13-Jul-03	BGS
Glyptocera consobrinella	CHEBOYGAN: Univ. Mich. Biol. Sta., 45.562°N 84.679°W	05-Jul-03	BGS
Hulstia undulatella	CHEBOYGAN: Univ. Mich. Biol. Sta., 45.562°N 84.679°W	05-Jul-03	BGS

GEOMETRIDAE

Archiearis infans also MCN, JV	Otsego: Mackinaw SF	14-Apr-03 - 15-Apr-03	RK
Leucobrephos brephoides also MCN, JV	Otsego: Mackinaw SF	14-Apr-03 - 15-Apr-03	RK
Apodrepanulatrix liberaria	Keweenaw: Brockway Mountain	18-Aug-03 - 21-Aug-03	GJB

SATURNIIDAE

Citheronia regalis record from Shannon Holt	CALHOUN: Marshall	05-Jul-03	MCN
Anisota virginensis	MECOSTA: Canadian Lakes	02-Jul-03	ETH
Hyalophora columbia	Schoolcraft: Seney	15-Jun-03 - 18-Jun-03	MCN

SPHINGIDAE

Manduca jasmineearum STATE RECORD	CASS: Westrate Farm	26-Jul-03	MCN
Ceratonia hageni	Cass: Westrate Farm	02-Aug-03	MCN
Paratreia plebeja	Cass: Westrate Farm	26-Jul-03	MCN
Sphinx canadensis	Alger: Hiawatha NF	16-Jul-03	MCN
Sphinx drupiferarum	Schoolcraft: M-28 Rest Area	08-Jun-03	MCN
Hemaris gracilis also MCN	Luce: Laketon	15-Jun-03	OAP
Amphion floridensis	Luce: Laketon	15-Jun-03	MCN
Hyles gallii	SCHOOLCRAFT: Seney	08-Jun-03	MCN

NOTODONTIDAE

Notodonta simplaria	Otsego: Mackinaw SF	01-Jun-03 - 02-Jun-03	MCN
Gluphisia lintneri	Otsego: Mackinaw SF	15-May-03	MCN
Dasylophia anguina	Otsego: Mackinaw SF	20-Jun-03	MCN
Hyparpax aurora	Otsego: Mackinaw SF	20-Jun-03	MCN

ARCTIIDAE

Pygarctia spraguei	Allegan: T2N, R14W, Sec 26	14-Jun-03	GJB
--------------------	----------------------------	-----------	-----

NOCTUIDAE

Allotria elonympha	Cass: Westrate Farm	02-Aug-03 - 02-Aug-03	MCN
Catocala coelebs also MCN, TH, ETH	Otsego: Mackinaw SF	21-Aug-03 - 22-Aug-03	RAH
Catocala coelebs also MCN	Cheboygan: Mackinaw SF	24-Aug-03	ETH
Catocala nebulosa	INGHAM: Lansing	07-Sep-03	MCN
Catocala semirelict also MCN, TH, ETH	Otsego: Mackinaw SF	21-Aug-03 - 22-Aug-03	RAH
Catocala meskei	Cass: Westrate Farm	26-Jul-03	MCN
Catocala dulciola	Cass: Westrate Farm	26-Jul-03	MCN
Pseudeva purpurigera	Cass: Westrate Farm	26-Jul-03	MCN
Autographa rubida	Otsego: Mackinaw SF	13-Jun-03 - 14-Jun-03	MCN
Autographa mappa	Otsego: Mackinaw SF	13-Jun-03 - 14-Jun-03	MCN
Autographa californica	SCHOOLCRAFT: Lake Superior SF	12-Sep-03	MCN
Plusia venusta also MCN	Cheboygan: Mackinaw SF	24-Aug-03	ETH
Lithacodia concinnimacula	KEWEENAW: Harbor Twp.	17-Jun-03	MCN
Cerma cora	Otsego: Mackinaw SF	07-Jun-03	MCN
Colocasia flavicornis	Otsego: Mackinaw SF	15-May-03	MCN
Acronicta quadrata	Otsego: Mackinaw SF	07-Jun-03 - 14-Jun-03	MCN
Acronicta superans	ALGER: Hiawatha NF	16-Jul-03	MCN
Acronicta laetifica	KEWEENAW: Harbor Twp.	17-Jun-03	MCN
Apamea ophiogramma	Barry: Barry SGA	25-Jul-03	MCN
Oligia bridghami	Cheboygan: Mackinaw SF	24-Aug-03	MCN
Macronoctua onusta	Chippewa: Lake Superior SF	12-Sep-03 - 13-Sep-03	MCN
Macronoctua onusta	Ingham: Lansing	20-Oct-03	MCN
Papaipema impecuniosa N range extension; first U.P. record	CHIPPEWA: Lake Superior SF	13-Sep-03	MCN
Papaipema astuta	Cass: Marcellus Twp.	18-Oct-03	MCN
Papaipema leucostigma	MECOSTA: Canadian Lakes	08-Sep-03	ETH
Papaipema lysimachiae N range extension; first U.P. record	CHIPPEWA: Lake Superior SF	12-Sep-03	MCN
Papaipema lysimachiae	MECOSTA: Canadian Lakes	16-Sep-03	ETH
Papaipema speciosissima also MCN	Clinton: Rose Lake WRA	11-Oct-03	RK
Papaipema speciosissima N range extension	MECOSTA: Canadian Lakes	14-Oct-03	ETH
Papaipema nepheleptena N range extension	OTSEGO: Mackinaw SF	19-Sep-03	MCN
Papaipema appassionata also MCN; 30+ attracted to UV light	Cheboygan: Mackinaw SF	06-Sep-03	ETH
Papaipema sciata	Clinton: Rose Lake WRA	11-Oct-03	MCN
Papaipema unimoda	SCHOOLCRAFT: Lake Superior SF	12-Sep-03	MCN
Iodopepla u-album	OTSEGO: Mackinaw SF	21-Aug-03	MCN
Litholomia napaea	SCHOOLCRAFT: Lake Superior SF	12-Sep-03	MCN
Lithophane tepida ex larvae collected from Shepherdia canadensis on 5 July, 2003	Chippewa: Drummond Island, Maxton Plain	16-Sep-03	GJB
Lithophane georgii	CHIPPEWA: Lake Superior SF	12-Sep-03	MCN
Lithophane thaxteri	LUCE: Lake Superior SF	12-Sep-03	MCN
Lithophane thaxteri	Chippewa: Lake Superior SF	12-Sep-03	MCN
Epiglaea decliva	Clinton: Rose Lake WRA	11-Oct-03	MCN
Fishia enthea	SCHOOLCRAFT: Lake Superior SF	12-Sep-03	MCN
Feralia comstocki	Iron: Mastodon Twp.	21-May-03	MCN
Lepipolys perscripta	Allegan: T2N, R14W, Sec 26	14-Jun-03	GJB
Papestra quadrata	Otsego: Mackinaw SF	15-May-03	MCN
Noctua pronuba LATE	Ingham: Lansing	31-Oct-03	MCN
Pyrrhia umbra	Otsego: Mackinaw SF	18-Oct-03	MCN
Pyrrhia exprimens	KEWEENAW: Harbor Twp.	17-Jun-03	MCN

MINNESOTA

Weber reported little winter snowcover in north-central Minnesota, with generally dry conditions prevailing through spring and summer. The total number of individual butterflies encountered in 2003 was slightly less than 2002.

Butterflies

HESPERIIDAE

Poanes viator CLEARWATER: Highway 2 13-Jul-03 JWJ

PIERIDAE

Colias interior POLK: Agassiz E. L. C. 16-Jul-03 JWJ
documented by Marlene Weber

LYCAENIDAE

Satyrium liparops CASS: near Deep Portage Preserve 06-Jul-03 JWJ
Celastrina neglecta Hubbard: Spider Lake, Mantrap Twp. 28-Jun-03 - 29-Jul-03 JWJ
ovipositing on Hog Peanut (*Amphicarpa bracteata*); confirmed by David M. Wright

NYMPHALIDAE

Polygonia interrogationis CASS: Chippewa NF, Wood Tick Trail 06-Jul-03 JWJ
Speyeria atlantis POLK: Chicog WMA 16-Jul-03 JWJ

MISSOURI

Butterflies

HESPERIIDAE

Nastra l'herminier ATCHISON: Star School Hill Prairie Preserve 07-Sep-03 S-S
Polites peckius ATCHISON: Star School Hill Prairie Preserve 07-Sep-03 S-S
Poanes zabulon ATCHISON: Star School Hill Prairie Preserve 07-Sep-03 S-S

LYCAENIDAE

Hemiargus isola ATCHISON: Star School Hill Prairie Preserve 07-Sep-03 S-S

NYMPHALIDAE

Boloria bellona PUTNAM: 10 mi. W. of Unionville 10-Jun-03 TLS
nectaring on purple coneflower

WISCONSIN

After another relatively mild winter with less than average snowfall, cool spring conditions tended to delay the emergence of many species. Temperature and rainfall fluctuated greatly in spring and early summer, but most areas of the state were very dry through most of the season. Late season conditions were fairly mild. Numbers of many butterfly species were down significantly, particularly *Erynnis* and *Colias* species. Moth numbers seemed down as well, particularly the early spring and late summer and fall species. Migratory butterfly species were down for the second year in a row, with fewer species reported in generally low numbers. *Vanessa cardui* was a notable exception, appearing in large numbers in southern counties from late August into mid-October, but also seen in numbers in far northwestern Wisconsin.

Butterflies

HESPERIIDAE

Pholisora catullus Waukesha: Kettle Moraine SF 31-Jul-03 - 26-Sep-03 JAE
Oarisma poweshiek Waukesha: Kettle Moraine SF (Ottawa Lake) 17-Jul-03 JAE
Hylephila phyleus Crawford: Prairie du Chien 09-Sep-03 JCP
Hesperia comma laurentina Marinette: Marinette County Forest 09-Aug-03 SAS
Hesperia leonardus Douglas: Douglas County WA 15-Aug-03 SAS
Hesperia metea Marinette: Dunbar Barrens 14-Jun-03 SAS
Hesperia sassacus Burnett: Kohler-Peet Barrens 31-May-03 JCP
Euphyes dion Douglas: Oakland Twp. 03-Aug-03 OAP
Atrytonopsis hianna Dane: Mazomanie Wildlife Area 05-Jun-03 LAF

PAPILIONIDAE

Papilio cresphontes Waukesha: Kettle Moraine SF 25-May-03 - 26-Aug-03 JAE

PIERIDAE

Pieris oleracea Walworth: Lulu Lake 13-May-03 JAE
Euchloe olympia Dane: Mazomanie Wildlife Area 09-May-03 LAF
Euchloe olympia Iowa: Arena 09-May-03 LAF
Eurema lisa Burnett: Crex Meadows 26-Jul-03 SAS
Eurema lisa Crawford: Prairie du Chien 09-Sep-03 JCP

LYCAENIDAE

Lycaena epixanthe Douglas: Oakland and Summit Twps. 03-Aug-03 OAP
Callophrys niphon clarki DOOR: Toft Point SNA 23-May-03 LAF

RIODINIDAE

Calephelis muticum Fond du Lac: Northern Kettle Moraine SF 02-Aug-03 SAS

NYMPHALIDAE

<i>Polygonia faunus</i>	Douglas: Summit Twp.	03-Aug-03	OAP
<i>Vanessa cardui</i>	Waukesha: Okauchee	21-Aug-03 - 19-Oct-03	JAE
<i>Junonia coenia</i>	Grant: Jamestown Twp.	28-Jun-03	JCP
<i>Euptoieta claudia</i>	Portage: Buena Vista	29-Jun-03 - 18-Jul-03	SAS
<i>Boloria frigga saga</i>	Ashland: Glidden	15-Jun-03	SAS
<i>Boloria freija</i>	Douglas: Lyman Lake Bog	17-May-03 - 25-May-03	SAS
<i>Boloria titania grandis</i>	Douglas: Oakland and Summit Twps.	03-Aug-03	OAP

Moths**GEOMETRIDAE**

<i>Euchlaena milnei</i>	RICHLAND: Gotham	10-Jul-03	LAF
<i>Epirrita autumnata henshawi</i>	OZAUKEE: Cedarburg Bog	10-Oct-03	LAF

LASIOCAMPIDAE

<i>Tolype laricis</i>	OZAUKEE: Cedarburg Bog	07-Aug-03	LAF
<i>Heteropacha rileyana</i>	Ozaukee: Cedarburg Bog	02-Jul-03	LAF

SATURNIIDAE

<i>Hemileuca maia complex</i>	COLUMBIA: Portage	08-Oct-03	LAF
-------------------------------	-------------------	-----------	-----

SPHINGIDAE

<i>Sphinx chersis</i>	Marathon: Wausau	20-Jun-03	JCP
<i>Sphinx canadensis</i>	Langlade: Bogus Swamp	21-Jun-03	JCP
<i>Sphinx gordius</i>	OZAUKEE: Cedarburg Bog	02-Jul-03	LAF
<i>Deidamia inscripta</i>	OZAUKEE: Cedarburg Bog	29-May-03	LAF
<i>Amphion floridensis</i>	Marathon: Mosinee	28-May-03	JCP

NOTODONTIDAE

<i>Schizura badia</i>	Ozaukee: Cedarburg Bog	02-Jul-03	LAF
-----------------------	------------------------	-----------	-----

ARCTIIDAE

<i>Crambidia pura</i>	IOWA: Arena	14-Jun-03	LAF
<i>Grammia oithona</i>	IOWA: Arena	14-Jun-03	LAF

NOCTUIDAE

<i>Macrochilo louisiana</i>	OZAUKEE: Cedarburg Bog	02-Jul-03	LAF
<i>Macrochilo louisiana</i>	MARATHON: Norrie Bog	07-Jul-03	LAF
<i>Ledaea perditalis</i>	IOWA: Arena	14-Jun-03	LAF
<i>Cissusa spadix</i>	OZAUKEE: Cedarburg Bog	27-Apr-03	LAF
<i>Drasteria graphica atlantica</i>	IOWA: Arena	18-May-03	LAF
<i>Catocala innubens</i>	Iowa: Wyoming Twp.	16-Aug-03	FCM
<i>Catocala judith</i>	Iowa: Wyoming Twp.	16-Aug-03	FCM
<i>Catocala resecta</i>	Iowa: Wyoming Twp.	16-Aug-03	FCM
<i>Catocala subnata</i>	IOWA: Wyoming Twp.	16-Aug-03	FCM
<i>Catocala neogama</i>	Richland: Knapp Creek	09-Sep-03	JCP
<i>Catocala parta</i>	Richland: Knapp Creek	09-Sep-03	JCP
<i>Catocala cara</i>	Richland: Knapp Creek	09-Sep-03	JCP
<i>Catocala amatrix</i>	Richland: Knapp Creek	09-Sep-03	JCP
<i>Catocala ultronia</i>	Iowa: Wyoming Twp.	16-Aug-03	FCM
<i>Catocala praeclara</i>	Ozaukee: Cedarburg Bog	07-Aug-03	LAF
<i>Catocala micronympha</i>	Iowa: Wyoming Twp.	16-Aug-03	FCM
<i>Catocala amica</i>	Iowa: Wyoming Twp.	16-Aug-03	FCM
<i>Abrostola ovalis</i>	IOWA: Arena	18-May-03	LAF
<i>Chrysanympha formosa</i>	OZAUKEE: Cedarburg Bog	02-Jul-03	LAF
<i>Psychomorpha epimenis</i>	Grant: Millville Twp.	03-May-03	LAF
<i>Meropleon diversicolor</i>	OZAUKEE: Cedarburg Bog	03-Sep-03	LAF
<i>Meropleon ambifuscum</i>	OZAUKEE: Cedarburg Bog	03-Sep-03	LAF
<i>Lemmeria digitalis</i>	OZAUKEE: Cedarburg Bog	10-Oct-03	LAF
<i>Papaipema cerina</i>	Richland: Knapp Creek	09-Sep-03	JCP
<i>Papaipema cataphracta</i>	Dane: Middleton	08-Oct-03	LAF
<i>Papaipema lysimachiae</i>	OZAUKEE: Cedarburg Bog	03-Sep-03	LAF
<i>Papaipema nepheleptena</i>	OZAUKEE: Cedarburg Bog	03-Sep-03	LAF
<i>Papaipema appassionata</i>	Ozaukee: Cedarburg Bog	03-Sep-03	LAF
<i>Papaipema eupatorii</i>	OZAUKEE: Cedarburg Bog	10-Oct-03	LAF
<i>Hydraecia stramentosa</i>	Richland: Knapp Creek	09-Sep-03	JCP
<i>Bellura brehmei</i>	Ozaukee: Cedarburg Bog	02-Jul-03	LAF
<i>Lithophane amanda</i>	Marathon: Mosinee	11-May-03	JCP
<i>Eupsilia devia</i>	Richland: Gotham	15-Mar-03	LAF
<i>Eupsilia devia</i>	Marquette: Comstock Bog	13-Apr-03	LAF
<i>Epiglaea apiata</i>	OZAUKEE: Cedarburg Bog	10-Oct-03	LAF
<i>Feralia major</i>	Marathon: Mosinee	11-May-03	JCP
<i>Feralia comstocki</i>	OZAUKEE: Cedarburg Bog	27-Apr-03	LAF

Zone 9 Southeast**Mississippi, Alabama, Georgia, Florida, South Carolina, North Carolina, Tennessee, Virginia, Arkansas, Louisiana****Coordinator:** Brian G. Scholtens**Contributors Cited:**

A/A : James & Eleanor Adams
 JKA : James K. Adams
 BOB : Bob Bereiger
 MAD : Mary Douglass
 F/H : Jim Flynn & Earl Horn
 JAH : John A. Hyatt
 MCM : Marc C. Minno
 TS : Terry Schiefer
 TOS : Tom Smith

A/F : James Adams & Irving Finkelstein
 PA : Patrick Adams
 RWB : Richard W. Boscoe
 LAD : Lance Durden
 NVG : Nick V Grishin
 MLI : Michael L. Israel
 RLP : Ricky L. Patterson
 BGS : Brian G. Scholtens

A/D : James Adams & Lance Durden
 GIB : Giff Beaton
 RD : Robert Dirig
 IF : Irving Finkelstein
 PIH : Pierre Howard
 MAL : Margie Labadie
 GP : Gary Phillips
 JRS : Jeffrey R. Slotten

FLORIDA**Butterflies****HESPERIIDAE**

Urbanus proteus nectaring at Spanish needles and a blue mint	Alachua: Paynes Prairie Preserve St. Pk.	30-Sep-03	RD
Urbanus proteus nectaring at Liatris and Thalia geniculata	Okeechobee: Kissimmee Prairie Preserve St. Pk.	02-Oct-03 - 03-Oct-03	RD
Erynnis horatius females nectaring at Liatris	Okeechobee: Kissimmee Prairie Preserve St. Pk.	01-Oct-03 - 02-Oct-03	RD
Erynnis funeralis obvious white fringes available	Alachua: Paynes Prairie Preserve St. Pk.	30-Sep-03	RD
Pyrgus oileus	Okeechobee: Kissimmee Prairie Preserve St. Pk.	02-Oct-03 - 03-Oct-03	RD
Hylephila phyleus	Okeechobee: Kissimmee Prairie Preserve St. Pk.	02-Oct-03	RD
Polites vibex	Okeechobee: Kissimmee Prairie Preserve St. Pk.	01-Oct-03	RD
Wallengrenia otho nectaring at Liatris	Okeechobee: Kissimmee Prairie Preserve St. Pk.	02-Oct-03	RD
Atalopedes campestris	Okeechobee: Kissimmee Prairie Preserve St. Pk.	02-Oct-03	RD
Poanes aaroni nectaring at Liatris	Okeechobee: Kissimmee Prairie Preserve St. Pk.	01-Oct-03 - 02-Oct-03	RD
Euphyes arpa	Okeechobee: Kissimmee Prairie Preserve St. Pk.	01-Oct-03 - 02-Oct-03	RD
Euphyes pilatka	Okeechobee: Kissimmee Prairie Preserve St. Pk.	02-Oct-03	RD
Euphyes berryi nectaring at Liatris	Okeechobee: Kissimmee Prairie Preserve St. Pk.	02-Oct-03	RD
Atrytonopsis loammi nectaring on Liatris	Okeechobee: Kissimmee Prairie Preserve St. Pk.	01-Oct-03 - 02-Oct-03	RD
Lerodea eufala nectaring at Liatris	Okeechobee: Kissimmee Prairie Preserve St. Pk.	01-Oct-03 - 02-Oct-03	RD
Oligoria maculata nectaring at Liatris	Okeechobee: Kissimmee Prairie Preserve St. Pk.	01-Oct-03 - 02-Oct-03	RD
Calpodus ethlius larvae in rolled leaves of Thalia geniculata	Okeechobee: Kissimmee Prairie Preserve St. Pk.	01-Oct-03	RD
Panoquina ocola nectaring at Spanish needles	Alachua: Paynes Prairie Preserve St. Pk.	30-Sep-03	RD
Megathymus yuccae adults emerged from eggs collected 22-Feb-02; reared on Yucca elephantipes	Highlands:	21-Jan-03 - 02-Feb-03	BOB

PAPILIONIDAE

Papilio polyxenes asterius	Okeechobee: Kissimmee Prairie Preserve St. Pk.	01-Oct-03 - 02-Oct-03	RD
Papilio crespontes nectaring at Spanish needles	Alachua: Paynes Prairie Preserve St. Pk.	30-Sep-03	RD
Papilio crespontes	Okeechobee: Kissimmee Prairie Preserve St. Pk.	02-Oct-03 - 03-Oct-03	RD
Papilio palamedes nectaring at Ipomoea trifida	Alachua: Paynes Prairie Preserve St. Pk.	30-Sep-03	RD
Papilio palamedes nectaring at Liatris	Okeechobee: Kissimmee Prairie Preserve St. Pk.	02-Oct-03	RD

PIERIDAE

Phoebis sennae	Alachua: Paynes Prairie Preserve St. Pk.	30-Sep-03	RD
larvae on Senna obtusifolia			
Phoebis sennae	Okeechobee: Kissimmee Prairie Preserve St. Pk.	02-Oct-03	RD
nectaring at Liatris			
Eurema lisa	Alachua: Paynes Prairie Preserve St. Pk.	30-Sep-03	RD
Eurema lisa	Okeechobee: Kissimmee Prairie Preserve St. Pk.	02-Oct-03	RD
nectaring at Liatris			
Eurema nicippe	Alachua: Paynes Prairie Preserve St. Pk.	30-Sep-03	RD
many mated pairs in the afternoon; larvae on Senna obtusifolia			
Eurema nicippe	Okeechobee: Kissimmee Prairie Preserve St. Pk.	02-Oct-03	RD
Eurema दौरा	Okeechobee: Kissimmee Prairie Preserve St. Pk.	01-Oct-03 - 03-Oct-03	RD
nectaring at Liatris			
Nathalis iole	Okeechobee: Kissimmee Prairie Preserve St. Pk.	03-Oct-03	RD

LYCAENIDAE

Calycopis cecrops	Alachua: Paynes Prairie Preserve St. Pk.	30-Sep-03	RD
Calycopis cecrops	Okeechobee: Kissimmee Prairie Preserve St. Pk.	02-Oct-03	RD
nectaring at Spanish needles			
Strymon melinus	Alachua: Paynes Prairie Preserve St. Pk.	30-Sep-03	RD
nectaring at red flowered legume			
Strymon melinus	Okeechobee: Kissimmee Prairie Preserve St. Pk.	02-Oct-03	RD

RIODINIDAE

Calephelis virginianensis	Okeechobee: Kissimmee Prairie Preserve St. Pk.	01-Oct-03 - 02-Oct-03	RD
nectaring at Liatris			

NYMPHALIDAE

Agraulis vanillae	Alachua: Paynes Prairie Preserve St. Pk.	30-Sep-03	RD
larvae and pupae on Passiflora incarnata			
Heliconius charitonius	Alachua: Paynes Prairie Preserve St. Pk.	30-Sep-03	RD
nectaring at a blue mint			
Heliconius charitonius	Okeechobee: Kissimmee Prairie Preserve St. Pk.	02-Oct-03 - 03-Oct-03	RD
Vanessa cardui	Alachua: Paynes Prairie Preserve St. Pk.	30-Sep-03	RD
Hypolimnys misippus	Palm Beach: Belle Glade	19-Sep-03	BOB
Junonia coenia	Alachua: Paynes Prairie Preserve St. Pk.	30-Sep-03	RD
nectaring at Spanish needles			
Junonia coenia	Okeechobee: Kissimmee Prairie Preserve St. Pk.	02-Oct-03 - 03-Oct-03	RD
Anartia jatrophae	Okeechobee: Kissimmee Prairie Preserve St. Pk.	01-Oct-03 - 03-Oct-03	RD
nectaring at Spanish needles			
Phyciodes phaon	Okeechobee: Kissimmee Prairie Preserve St. Pk.	01-Oct-03 - 02-Oct-03	RD
Phyciodes tharos	Okeechobee: Kissimmee Prairie Preserve St. Pk.	02-Oct-03	RD
Limenitis archippus floridensis	Okeechobee: Kissimmee Prairie Preserve St. Pk.	02-Oct-03 - 03-Oct-03	RD
Asterocampa clyton	Alachua: Paynes Prairie Preserve St. Pk.	30-Sep-03	RD
Hermeuptychia sosybius	Alachua: Paynes Prairie Preserve St. Pk.	30-Sep-03	RD
Hermeuptychia sosybius	Okeechobee: Kissimmee Prairie Preserve St. Pk.	02-Oct-03	RD
Neonympha areolata	Okeechobee: Kissimmee Prairie Preserve St. Pk.	01-Oct-03 - 02-Oct-03	RD
Danaus gilippus berenice	Okeechobee: Kissimmee Prairie Preserve St. Pk.	02-Oct-03	RD
nectaring at Spanish needles			

GEORGIA**Butterflies****HESPERIIDAE**

Urbanus proteus	Chatham: Welcome Center on I-95	29-Sep-03	RD
nectaring at yellow lantana			
Pyrgus albescens	EMANUEL: Ohoopie Dunes area, Tract 4	12-Oct-03 - 14-Oct-03	A/F
few in the state, although apparently expanding its range			
Pyrgus oileus	APPLING: TNC Moody Forest Reserve, 10 mi. NE Baxley	21-Aug-03	MCM
an outbreak year; know previously from 2-3 Georgia counties			
Pyrgus oileus	TATNALL: CR 196 S of Glennville	27-Aug-03	PIH
an outbreak year; know previously from 2-3 Georgia counties			
Pyrgus oileus	Wilcox : Statham Shoals	18-Oct-03	F/H
an outbreak year; know previously from 2-3 Georgia counties			
Pyrgus oileus	WILCOX : Addison Lake@CR 225; 31 58.162N 83 17.926W	18-Oct-03	F/H
an outbreak year; know previously from 2-3 Georgia counties			
Pyrgus oileus	BEN HILL : 31 47.845N 83 07.725W	18-Oct-03	F/H
an outbreak year; know previously from 2-3 Georgia counties			
Pyrgus oileus	JEFF DAVIS : CR 172; 31 49.093N 82 31.737W	25-Oct-03	F/H
an outbreak year; know previously from 2-3 Georgia counties			

Pyrgus oileus an outbreak year; know previously from 2-3 Georgia counties	Terrell : Lake Chenube (McGills Pond)	02-Nov-03	F/H
Pyrgus oileus an outbreak year; know previously from 2-3 Georgia counties	Terrell : Chenube Creek@Jones Mill Rd.	02-Nov-03	F/H
Pyrgus oileus an outbreak year; know previously from 2-3 Georgia counties	Terrell: Sam McGill Rd. 31 49.629N 84 19.010W	02-Nov-03	F/H
Pyrgus oileus an outbreak year; know previously from 2-3 Georgia counties	TERRELL : Cemetery Rd. 31 49.682N 84 20.119W	02-Nov-03	F/H
Pyrgus oileus an outbreak year; know previously from 2-3 Georgia counties	WHEELER : CR 84; 32 03.211N 82 40.128W	08-Nov-03	F/H
Pyrgus oileus an outbreak year; know previously from 2-3 Georgia counties	Wheeler : CR 85; 32 02.202N 82 39.961W	08-Nov-03	F/H
Pyrgus oileus an outbreak year; know previously from 2-3 Georgia counties	Glynn: Altamaha Regional Park	11-Nov-03	GIB
Pyrgus oileus an outbreak year; know previously from 2-3 Georgia counties	LONG: Altamaha River at US 301	13-Nov-03	GIB
Pyrgus oileus an outbreak year; know previously from 2-3 Georgia counties	Randolph : CR 68; 31 37.307N 84 55.389W	15-Nov-03	F/H
Pyrgus oileus an outbreak year; know previously from 2-3 Georgia counties	Randolph : CR 45@CR94; 31 43.068N 84 41.708W	15-Nov-03	F/H
Pyrgus oileus an outbreak year; know previously from 2-3 Georgia counties	RANDOLPH : CR 33; 31 40.572N 84 52.481W	15-Nov-03	F/H
Pyrgus oileus an outbreak year; know previously from 2-3 Georgia counties	WEBSTER : CR 15; 31 55.659N 84 34.612W	15-Nov-03	F/H
Pyrgus oileus an outbreak year; know previously from 2-3 Georgia counties	EMANUEL : CR 198; 32 29.780N 82 20.219W	23-Nov-03	F/H
Lerema accius nectaring at yellow lantana	Chatham: Welcome Center on I-95	29-Sep-03	RD
Hylephila phyleus nectaring at yellow lantana	Chatham: Welcome Center on I-95	29-Sep-03	RD
Panoquina ocola nectaring at yellow lantana	Chatham: Welcome Center on I-95	29-Sep-03	RD
PIERIDAE			
Eurema mexicanum STATE RECORD	GORDON: Calhoun	17-Aug-03	JKA
LYCAENIDAE			
Lycaena phlaeas americana few in state (all northern records)	WHITFIELD: Rocky Face Ridgeline, SW of Dalton	20-Aug-03	JKA
NYMPHALIDAE			
Agraulis vanillae nectaring at yellow lantana	Chatham: Welcome Center on I-95	29-Sep-03	RD
Junonia coenia nectaring at yellow lantana	Chatham: Welcome Center on I-95	29-Sep-03	RD
Chlosyne gorgone C. gorgone local and uncommon	Bartow: Lake Allatoona, Cooper Furnace area	23-Apr-03	IF
Chlosyne gorgone C. gorgone local and uncommon	Gilmer: 8 mi. NW of Ellijay	09-May-03	IF
GEOMETRIDAE			
Idaea celtima	GORDON: Calhoun	03-Jun-03	JKA
Moths			
GELECHIIDAE			
Dichomeris laetitia STATE RECORD ?	WHITFIELD: Rocky Face Ridgeline, SW of Dalton	13-Jul-02	JKA
SESIIDAE			
Vitacea scepiformis local in the state	UPSON: Thomaston	19-Jun-03	IF
Synanthedon decipiens LATE	Gilmer: 8 mi. NW of Ellijay	20-Aug-03	IF
Synanthedon kathyae STATE RECORD ?; at pheromone lures	GILMER: 8 mi. NW of Ellijay	07-Jun-02 - 09-Jun-02	IF
Synanthedon kathyae STATE RECORD ?; at pheromone lures	Gilmer: 8 mi. NW of Ellijay	03-Jul-03 - 05-Jul-03	IF
TORTRICIDAE			
Eucosma quinque-maculana 2nd GA location	EMANUEL: Ohoopsee Dunes area, Tract 4	12-Oct-03	A/F
Eucosma mobilensis STATE RECORD	EMANUEL: Ohoopsee Dunes area, Tract 3/4	11-Oct-03 - 13-Oct-03	A/F

Sparganothis bistriata few in the state	GORDON: Calhoun at Oostanaula River	22-Aug-03	JKA
PYRALIDAE			
Scirpophaga perstrialis previously unrecorded from north GA	GORDON: Calhoun	23-Sep-03	JKA
GEOMETRIDAE			
Semiothisa eremiata also recorded from here in September; local in the state	Emanuel: Oohoopee Dunes area, Tract 3	12-Apr-03	A/A
Semiothisa eremiata local in the state	UPSON: Flint River at Pasley Shoals	18-Jun-03	IF
Narraga georgiana population of this Georgia endemic going strong; none at lights	Emanuel: Oohoopee Dunes area, Tract 3	12-Apr-03	A/A
Phigalia denticulata EARLY; not usually seen until January	Dade: Wildwood, I-24 at exit 169	14-Nov-03	A/F
Erastria cruentaria few in the state	GORDON: Calhoun	07-Apr-03 - 02-Jul-03	JKA
Erastria cruentaria few in the state	UPSON: Thomaston	19-Jun-03	IF
Ceratomyx satanaria 50+ seen (considered uncommon)	Gilmer: 8 mi. NW of Ellijay	28-Mar-03	IF
Petrophora divisata few in the state	Bulloch: Statesboro	12-Feb-02	LAD
Caripeta aretaria EARLY	RABUN: Dillard	08-Mar-03	A/F
Idaea bonifata STATE RECORD ?	GORDON: Calhoun	08-Sep-03	JKA
Idaea scintillularia few in the state	FULTON: Atlanta	31-May-00	IF
Idaea scintillularia few in the state	GORDON: Calhoun at Oostanaula River	22-Aug-03	JKA
Idaea scintillularia few in the state	Fulton: Atlanta	04-Sep-03	IF
Idaea violacearia few in the state	MCINTOSH: Kittles Island	20-Jul-03	JAH
Idaea violacearia few in the state	EMANUEL: Oohoopee Dunes area, Tract 3	11-Oct-03	A/F
Cyclophora nanaria STATE RECORD ?	GORDON: Calhoun	29-Jun-03	JKA
Euphyia unangulata	UPSON: Flint River at Pasley Shoals	18-Jun-03	IF
Heterophleps refusaria STATE RECORD ?	GILMER: 8 mi. NW of Ellijay	24-May-03	IF
SPHINGIDAE			
Sphinx franckii uncommon	PICKENS: GA Hwy. 515, 6 mi. S of Jasper	06-Jul-03	IF
Erinnyis obscura few in the state	LIBERTY: St. Catherine's Island	22-Sep-93	LAD
Eumorpha fasciata rare in N GA	GORDON: Calhoun	09-Jun-03	PA
Eumorpha fasciata rare in N GA	PICKENS: GA Hwy. 515, 6 mi. S of Jasper	31-Aug-03 - 08-Oct-03	IF
ARCTIIDAE			
Haploa colona few in the state	LIBERTY : St. Catherine's Island	19-Aug-94	LAD
Grammia placentia abundant ! Local in the state	Emanuel: Oohoopee Dunes area, Tract 3/4	11-Oct-03 - 13-Oct-03	A/F
NOCTUIDAE			
Idia majoralis few in the state	GILMER: 8 mi. NW of Ellijay	14-Jun-03	IF
Redectis pygmaea few in the state	EMANUEL: Oohoopee Dunes area, Tract 3	11-Oct-03	A/F
Hypena degasalis STATE RECORD; though likely common in south GA	BULLOCH: Statesboro	28-Aug-02	LAD
Hypena degasalis STATE RECORD; though likely common in south GA	LIBERTY: St Catherine's Island	03-Aug-03 - 03-Oct-03	LAD
Arugisa watsoni few in the state	EMANUEL: Oohoopee Dunes area, Tract 3/4	11-Oct-03 - 12-Oct-03	A/F
Anomis illita 2nd record for northern GA	Whitfield: Carbondale	21-Oct-03	JKA

Epidromia poaphilodes few in the state	Coffee: Broxton Rocks	05-Sep-75	LAD
Melipotis fasciolaris few in the state	BULLOCH: Statesboro	25-Sep-00	LAD
Dysgonia consobrina few in the state	Bulloch: Statesboro	15-Jun-97	LAD
Cutina distincta few in the state	BULLOCH: Statesboro	23-May-02 - 29-Aug-02	LAD
Mocis marcida 2nd record for northern GA	GORDON: Calhoun, at Oostanula River	01-Nov-03	JKA
Catocala robinsoni LATE	Whitfield: Carbondale	12-Nov-03	JKA
Catocala marmorata farthest south ever recorded	BULLOCH: Statesboro	07-Oct-94	LAD
Catocala louiseae few in the state	UPSON: Flint River at Pasley Shoals	18-Jun-03	IF
Catocala alabamiae few in the state	GORDON: Calhoun	27-Jun-03	JKA
Mouralia tincooides first from northern GA	GORDON: Calhoun	11-Nov-03	JKA
Cerma cora few in the state	BULLOCH: Statesboro	24-Mar-01	LAD
Cerma cora few in the state	EMANUEL: Ohoopsee Dunes area, Tract 3	12-Apr-03	A/A
Diastema tigris STATE RECORD ?	BULLOCH: Statesboro	13-Oct-03	A/D
Tarachidia parvula STATE RECORD ?	EMANUEL: Ohoopsee Dunes area	07-Sep-02	JRS
Ponometia exigua STATE RECORD; though likely common in south GA	BULLOCH: Statesboro	19-Apr-03 - 21-May-03	LAD
Acronicta betulae farthest south ever recorded	UPSON: Flint River at Pasley Shoals	18-Jun-03	IF
Acronicta brumosa generally uncommon and local in the state	Emanuel: Ohoopsee Dunes area, Tract 3	12-Apr-03	JKA
Oligia fractilinea few in the state	WHITFIELD: Rocky Face Ridgeline, SW of Dalton	24-Sep-03	JKA
Oligia fractilinea few in the state	EMANUEL: Ohoopsee Dunes area, Tract 4	13-Oct-03	A/F
Meropleon cosmion first from northern GA	WHITFIELD: Carbondale	06-Nov-03	JKA
Meropleon titan 2nd GA record	BARTOW: NE corner of Co., 5 mi. SE of Fairmount	13-Sep-03	JKA
Macronoctua onusta 2nd GA record; although it should be more common	FULTON: Atlanta	21-Oct-03	IF
Papaipema polymniae considered uncommon, but widespread in northern GA	FLOYD: Camp Sidney Dew	25-Oct-03	JKA
Papaipema marginidens few in the state	FLOYD: Camp Sidney Dew	25-Oct-03	JKA
Papaipema marginidens LATE; few in the state	GORDON: Calhoun	29-Oct-03	JKA
Papaipema eupatorii few in the state	LUMPKIN: Dahlonega	01-Nov-03	IF
Chytonix sensilis first from northern GA	GORDON: Calhoun	24-Sep-03	JKA
Chytonix sensilis quite common; few GA records but likely just local	EMANUEL: Ohoopsee Dunes area, Tract 3/4	11-Oct-03 - 12-Oct-03	A/F
Chytonix sensilis few GA records, but likely just local	BULLOCH: Statesboro	13-Oct-03	A/F
Callopietria granitosa few in the state	BULLOCH: Statesboro	08-Sep-01	LAD
Elaphria nucicolora few in the state	CRISP: Cordele	28-Sep-03	A/F
Elaphria exesa few in the state	BULLOCH: Statesboro	05-Jun-99 - 01-Jul-99	LAD
Elaphria exesa few in the state	EMANUEL: Ohoopsee Dunes area, Tract 3	11-Oct-03	A/F
Stiria rugifrons less than 10 known from GA	PICKENS: GA Hwy. 515, 6 mi. S of Jasper	21-Aug-03	IF

Eupsilia vinulenta EARLY	Gordon: Calhoun	18-Sep-03	JKA
Eupsilia sidus few in the state	GORDON: Calhoun	23-Jan-03	JKA
Chaetagnae tremula few in the state	BULLOCH: Statesboro	22-Nov-98	LAD
Feralia jocososa STATE RECORD	RABUN: Rabun Bald (W side) 3900'	08-Mar-03	A/F
Feralia jocososa STATE RECORD	RABUN: Dillard	08-Mar-03	A/F
Feralia major 2nd earliest record (usually flies Jan - Mar)	Gordon: Calhoun	29-Dec-02	JKA
Psaphida thaxteriana few in the state	RABUN: Dillard	08-Mar-03	A/F
Trichordestra legitima less than 6 known from GA	GILMER: 8 mi. NW of Ellijay	06-Sep-03	IF
Leucania extincta local in state	Emanuel: Ohoopsee Dunes area, Tract 3/4	11-Oct-03 - 13-Oct-03	A/F
Leucania incognita local in state	Emanuel: Ohoopsee Dunes area, Tract 3/4	11-Oct-03 - 13-Oct-03	A/F
Ulolonche modesta 100+ seen; currently this is the only resident colony known in GA	Emanuel: Ohoopsee Dunes area, Tract 3	12-Apr-03	A/A
Eucoptocnemis fimbriaris few in the state	BULLOCH: Statesboro	02-Nov-01	LAD
Eucoptocnemis dapsilis local in dunes communities	GLYNN: Jekyll Island	18-Oct-97	LAD
Eucoptocnemis dapsilis local in dunes communities	EMANUEL: Ohoopsee Dunes area, Tract 3/4	11-Oct-03 - 13-Oct-03	A/F
Trichosilia manifesta 3rd GA record	BULLOCH: Statesboro	24-Mar-02	LAD
Trichosilia geniculata few in the state, but common at this location	EMANUEL: Ohoopsee Dunes area, Tract 3/4	11-Oct-03 - 13-Oct-03	A/F
Loxagrotis grotei several individuals; confirms resident status in the state	Whitfield: Rocky Face Ridgeline, SW of Dalton	17-Sep-03	JKA
Euagrotis lubricans few in the state	LIBERTY: St. Catherine's Island	05-Mar-94	LAD
Xestia youngii SOUTH; few in the state	EMANUEL: Ohoopsee Dunes area, Tract 3	11-Oct-03	A/F
Cerastis fishii 2nd GA record	RABUN: Dillard	08-Mar-03	A/F

LOUISIANA

Butterflies

HESPERIIDAE

Achalarus lyciades	Natchitoches: Kisatchie NF	27-Apr-03	NVG
Thorybes pylades	E. Feliciana: Asphodel Plantation, S. Jackson	25-Jul-03 - 02-Aug-03	MLI
Thorybes confusus	Winn: FS507 Kisatchie NF	17-May-03	NVG
Polites themistocles	Natchitoches: Kisatchie NF	27-Apr-03	NVG
Wallengrenia otho	Claiborne: FS911 at Beaver Branch	17-May-03	NVG
Wallengrenia otho	Natchitoches: FS345, Kisatchie NF	17-May-03	NVG
Pompeius verna	E. Feliciana: Asphodel Plantation, S. Jackson	16-Jul-03	MLI
Atrytonopsis hianna	Natchitoches: Kisatchie NF	13-Apr-02	NVG
Oligoria maculata	E. Feliciana: Asphodel Plantation, S. Jackson	14-May-03 - 17-Aug-03	MLI
Calpodus ethlius	E. Feliciana: Asphodel Plantation, S. Jackson	03-Oct-03	MLI

PAPILIONIDAE

Battus philenor	Winn: FS507 Kisatchie NF	17-May-03	NVG
Papilio troilus	Natchitoches: Kisatchie NF	13-Apr-02	NVG
Papilio palamedes	Winn: FS507 Kisatchie NF	17-May-03	NVG
Papilio palamedes	E. Feliciana: Asphodel Plantation, S. Jackson	19-Sep-03 - 27-Sep-03	MLI
Eurytides marcellus	Natchitoches: Kisatchie NF	13-Apr-02	NVG

PIERIDAE

Anthocharis midea	E. Feliciana: Asphodel Plantation, S. Jackson	20-Mar-03 - 27-Mar-03	MLI
Anthocharis midea	W. Feliciana: 2 mi. NE of Weyanoke	28-Mar-03	MLI
Anthocharis midea	W. Feliciana: 4.8 mi. NNE of Tunica	28-Mar-03	MLI
Zerene cesonia	E. FELICIANA: Asphodel Plantation, S. Jackson	23-Nov-03	MLI
Eurema lisa	Natchitoches: SR126 2mi E. Readhimer	17-May-03	NVG
Nathalis iole	Bienville: 2mi S.Mt.Lebanon	17-May-03	NVG

LYCAENIDAE

Fixsenia favonius	Winn: FS560 at pipeline Kisatche NF	17-May-03	NVG
Parrhasius m-album	E. Feliciana: Asphodel Plantation, S. Jackson	16-Jul-03 - 03-Aug-03	MLI
Strymon melinus	Winn: SR126 1mi E. Parish line	17-May-03	NVG
Celastrina ladon	E. Feliciana: Asphodel Plantation, S. Jackson	19-Feb-03	MLI

EARLY

RIODINIDAE

Calephelis virginensis	E. Feliciana: Asphodel Plantation, S. Jackson	18-May-03 - 15-Jul-03	MLI
------------------------	---	-----------------------	-----

NYMPHALIDAE

Heliconius charitonius	E. FELICIANA: Asphodel Plantation, S. Jackson	01-Dec-03	MLI
Heliconius charitonius	E. Feliciana: 3 mi. S. of Jackson	09-Dec-03	MLI
Vanessa virginensis	Natchitche: Kisatchie NF	27-Apr-03	NVG
Vanessa virginensis	Winn: FS507 Kisatche NF	17-May-03	NVG
Phyciodes tharos	Winn: FS507 Kisatche NF	17-May-03	NVG
Limenitis arthemis astyanax	Bienville: SR9 2mi SW Lucky	17-May-03	NVG
Danaus plexippus	Winn: FS507 Kisatche NF	17-May-03	NVG

Moths**SATURNIIDAE**

Hyalophora cecropia	W. Feliciana: 2 mi. W. of Wakefield	25-Apr-03	MLI
---------------------	-------------------------------------	-----------	-----

SPHINGIDAE

Hemaris diffinis	E. Feliciana: Asphodel Plantation, S. Jackson	28-Mar-03	MLI
------------------	---	-----------	-----

EARLY; nectaring on verbena

MISSISSIPPI**Butterflies****HESPERIIDAE**

Pyrgus oileus	WARREN: Vicksburg	23-Aug-03	RLP
Poanes yehl	PRENTISS: Natchez Trace Pkwy	21-Jun-03	RLP
Amblyscirtes aesculapius	Wilkinson: Clark Creek Natural Area	01-Apr-03	MLI

PIERIDAE

Anthocharis midea	CHICKASAW: Natchez Trace Pkwy	24-Mar-03	RLP
Anthocharis midea	WEBSTER: Natchez Trace Pkwy, mi. 208	24-Mar-03	RLP
Anthocharis midea	CLAY: Natchez Trace Pkwy, mi. 221	24-Mar-03	RLP
Anthocharis midea	Wilkinson: Clark Creek Natural Area	01-Apr-03	MLI
Anthocharis midea	PRENTISS: Barberry Landing	07-Apr-03	RLP

LYCAENIDAE

Feniseca tarquinius	CALHOUN: Calhoun County WMA	16-May-03	RLP
Satyrrium titus mopsus	CALHOUN: Calhoun County WMA	16-May-03	RLP
Callophrys henrici turneri	CALHOUN: Calhoun County WMA	15-Mar-03	RLP

NYMPHALIDAE

Polygonia comma	CALHOUN: Calhoun County WMA	16-May-03	RLP
Vanessa virginensis	PRENTISS: Natchez Trace Pkwy	21-Jun-03	RLP
Vanessa cardui	JACKSON: Grand Bay NWR	17-Sep-03	RLP
Anaea andria	CALHOUN: Calhoun County WMA	16-May-03	RLP
Enodia creola	PRENTISS: Natchez Trace Pkwy	16-May-03	RLP
Enodia creola	CALHOUN: Calhoun County WMA	16-May-03	RLP
Neonympha mitchellii	PRENTISS:	09-Jun-03	TS
STATE RECORD			
Neonympha mitchellii	TISHOMINGO:	16-Jun-03	TS

Moths**NOCTUIDAE**

Schinia petulans	STONE: 7 mi. W of McHenry	21-Sep-03	JRS
STATE RECORD			
Schinia bimatrix	OKTIBBEHA: Starkville	03-Sep-03	RLP
Schinia bimatrix	HARRISON: 6 mi. SW of McHenry	21-Sep-03	JRS

NORTH CAROLINA**Butterflies****HESPERIIDAE**

Epargyreus clarus	Northampton: Welcome Center on I-95	26-Sep-03	RD
nectaring at Buddleia			
Epargyreus clarus	Pender: Holly Shelter Game Lands	27-Sep-03	RD
Urbanus proteus	Pender: Holly Shelter Game Lands	27-Sep-03	RD
nectaring at Agalinis and Carpephorus			

Nastra l'herminier nectaring at Agalinis	Pender: Holly Shelter Game Lands	27-Sep-03	RD
Lerema accius nectaring at Agalinis	Pender: Holly Shelter Game Lands	27-Sep-03	RD
Hylephila phyleus female nectaring at Carpephorus	Pender: Holly Shelter Game Lands	27-Sep-03	RD
Hesperia meskei female nectaring at Agalinis and Carpephorus	Pender: Holly Shelter Game Lands	27-Sep-03	RD
Polites vibex nectaring at Buddleia	Northampton: Welcome Center on I-95	26-Sep-03	RD
Panoquina ocola nectaring at Buddleia	Northampton: Welcome Center on I-95	26-Sep-03	RD
Panoquina ocola nectaring at Agalinis and Carpephorus	Pender: Holly Shelter Game Lands	27-Sep-03	RD
PAPILIONIDAE			
Papilio palamedes nectaring at Agalinis	Pender: Holly Shelter Game Lands	27-Sep-03	RD
PIERIDAE			
Phoebis sennae	Northampton: Welcome Center on I-95	26-Sep-03	RD
Phoebis sennae nectaring at Agalinis	Pender: Holly Shelter Game Lands	27-Sep-03	RD
Eurema lisa	Pender: Holly Shelter Game Lands	27-Sep-03	RD
Eurema nicippe nectaring at Agalinis and Heterotheca subaxillaris	Pender: Holly Shelter Game Lands	27-Sep-03	RD
LYCAENIDAE			
Calycopis cecrops	Northampton: Welcome Center on I-95	26-Sep-03	RD
Strymon melinus nectaring at Carpephorus and Solidago	Pender: Holly Shelter Game Lands	27-Sep-03	RD
Everes comyntas	Pender: Holly Shelter Game Lands	27-Sep-03	RD
RIODINIDAE			
Calephelis virginienensis nectaring at Agalinis	Pender: Holly Shelter Game Lands	27-Sep-03	RD
NYMPHALIDAE			
Junonia coenia	Northampton: Welcome Center on I-95	26-Sep-03	RD
Junonia coenia nectaring at Agalinis and Carpephorus bellidifolius	Pender: Holly Shelter Game Lands	27-Sep-03	RD
Phyciodes tharos nectaring at Heterotheca subaxillaris	Pender: Holly Shelter Game Lands	27-Sep-03	RD
Cercyonis pegala	Pender: Holly Shelter Game Lands	27-Sep-03	RD
Moths			
ARCTIIDAE			
Utetheisa bella	Beaufort: Pocosin Lakes NWR	20-Sep-03	MAL

SOUTH CAROLINA

Butterflies

HESPERIIDAE

Epargyreus clarus nectaring at yellow lantana	Horry: Welcome Center on Rt. 17	28-Sep-03	RD
Urbanus proteus nectaring at Liatris	Berkeley: Francis Marion NF	28-Sep-03	RD
Urbanus proteus nectaring at yellow lantana	Horry: Welcome Center on Rt. 17	28-Sep-03	RD
Urbanus proteus nectaring at yellow lantana	Jasper: Hardeeville, exit 8 off I-95	29-Sep-03	RD
Pyrgus oileus 2nd SC record	HORRY: Conway	15-Nov-03	GP
Lerema accius caught by green lynx spider on Liatris	Berkeley: Francis Marion NF	28-Sep-03	RD
Lerema accius nectaring at yellow lantana	Horry: Welcome Center on Rt. 17	28-Sep-03	RD
Hylephila phyleus nectaring at yellow lantana	Horry: Welcome Center on Rt. 17	28-Sep-03	RD
Hylephila phyleus nectaring at yellow lantana	Jasper: Hardeeville, exit 8 off I-95	29-Sep-03	RD
Polites vibex nectaring at yellow lantana	Horry: Welcome Center on Rt. 17	28-Sep-03	RD

Polites vibex nectaring at yellow lantana	Jasper: Hardeeville, exit 8 off I-95	29-Sep-03	RD
Amblyscirtes alternata confined females oviposited on Andropogon; reared to adults	Berkeley: Wando	28-Apr-03	RWB
Oligoria maculata	Berkeley: Francis Marion NF	28-Sep-03	RD
Panoquina ocola nectaring at yellow lantana	Horry: Welcome Center on Rt. 17	28-Sep-03	RD
Panoquina ocola nectaring at yellow lantana	Jasper: Hardeeville, exit 8 off I-95	29-Sep-03	RD
PAPILIONIDAE			
Papilio palamedes	Berkeley: Francis Marion NF	28-Sep-03	RD
PIERIDAE			
Phoebis sennae nectaring at yellow lantana	Horry: Welcome Center on Rt. 17	28-Sep-03	RD
Eurema lisa nectaring at yellow lantana	Horry: Welcome Center on Rt. 17	28-Sep-03	RD
Eurema lisa	Berkeley: Francis Marion NF	28-Sep-03	RD
Eurema nicippe	Berkeley: Francis Marion NF	28-Sep-03	RD
RIODINIDAE			
Calephelis virginensis	Berkeley: Francis Marion NF	28-Sep-03	RD
NYMPHALIDAE			
Agraulis vanillae nectaring at yellow lantana	Horry: Welcome Center on Rt. 17	28-Sep-03	RD
Agraulis vanillae nectaring at yellow lantana	Jasper: Hardeeville, exit 8 off I-95	29-Sep-03	RD
Nymphalis urticae STATE RECORD; probably arrived in container at port	CHARLESTON: downtown Charleston	10-Oct-03	MAD
Vanessa virginensis nectaring at yellow lantana	Horry: Welcome Center on Rt. 17	28-Sep-03	RD
Vanessa cardui nectaring at yellow lantana	Horry: Welcome Center on Rt. 17	28-Sep-03	RD
Junonia coenia nectaring at yellow lantana	Horry: Welcome Center on Rt. 17	28-Sep-03	RD
Euptoieta claudia nectaring at yellow lantana	Horry: Welcome Center on Rt. 17	28-Sep-03	RD
Phyciodes tharos	Berkeley: Francis Marion NF	28-Sep-03	RD
Hermeuptychia sosybius	Berkeley: Francis Marion NF	28-Sep-03	RD
Hermeuptychia sosybius nectaring at yellow lantana	Horry: Welcome Center on Rt. 17	28-Sep-03	RD
Moths			
PYRALIDAE			
Euzophera magnolialis	Charleston: Mt. Pleasant	15-Sep-03	BGS
SATURNIIDAE			
Citheronia sepulcralis	Colleton: US 17 about 4 mi. from Charleston Co. line	26-May-03	TOS
SPHINGIDAE			
Sphinx franckii	Colleton: US 17 about 4 mi. from Charleston Co. line	26-May-03	TOS

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
JDG : John D. Glaser
KLE : Ken Lebo
GM : Gerald M. McWilliams
DPY : David Perry
STS : Steve Sanford
RW : Ryan Woolwine

BYR : Brent & Mary Byers
PDU : Patricia Durkin
AG : Alex Grkovich
RL1 : Richard Lutman
MJM : Mark J. Mello
AR : Arlene Ripley
DSB : Daniel Sblendorio

PCR : Patty Craig
KG : Karl R. Gardner
HL : Harold Lebo
JTM : John T. MacRoy
KM : Katie Merrey
MS : Michael Sabourin
RHS : Richard H. Smith

MAINE

Butterflies

HESPERIIDAE

<i>Polites origenes</i> with Tony Moore	Lincoln: Dead River Rd.	03-Jul-03	AG
<i>Euphyes bimacula</i> colony in sphagnum bog	Lincoln: Bowdoin Center, Dead River Rd.	03-Jul-03	AG

LYCAENIDAE

<i>Feniseca tarquinius</i> puddling nr Alnus with woolly aphids	Oxford: sand pit near Wilsons Mills	21-Jun-03	RD
--	-------------------------------------	-----------	----

NYMPHALIDAE

<i>Polygonia faunus</i> very worn overwintering male	Piscataquis: The Golden Road near Mt. Katahdin	10-Jun-03	RD
<i>Boloria eunomia</i> nectaring at <i>Ledum groenlandica</i> and <i>Smilacina trifolia</i>	Oxford: bog near Wilsons Mills	21-Jun-03 - 23-Jun-03	RD
<i>Boloria eunomia dawsoni</i> with Tony Moore	Oxford: Wilsons Mills Bog	17-Jun-03	AG
<i>Oeneis jutta ascerta</i>	Oxford: Wilsons Mills Bog	17-Jun-03	AG

MARYLAND

Butterflies

HESPERIIDAE

<i>Urbanus dorantes</i> STATE RECORD; via RHS nectaring on lantana; no reported escapees from butterfly exhibit; one day after Hurricane Isabel	CALVERT: Dunkirk; private garden	19-Sep-03	AR
<i>Amblyscirtes hegon</i> via RHS; first record in the county since 1977	Washington: Maryland Heights slope, Sandy Hook	08-May-03	PDU

PAPILIONIDAE

<i>Papilio cresphontes</i> via RHS; 2nd record for Baltimore City (first since Robert Bryant's 1960 record)	BALTIMORE: Baltimore City; Cyburn Arboretum	07-Sep-03	STS
--	---	-----------	-----

NYMPHALIDAE

<i>Heliconius charitonius tuckeri</i> STATE RECORD; via RHS, nectaring on Zinnias	BALTIMORE: Glen Arm; private garden	28-Aug-03	KM
<i>Heliconius charitonius tuckeri</i> via RHS; possibly from larva on tropical plants in garden; 2nd MD record	BALTIMORE: Holly Neck; private garden	21-Nov-03	BYR
<i>Enodia anthedon</i> via RHS; first record in the county since 1977	ST. MARY'S: Lexington Park	12-Aug-03	PCR
<i>Danaus gilippus berenice</i> STATE RECORD; via RHS; nectaring on <i>Asclepias incarnata</i> ; no butterfly conservatories within 50 miles	QUEEN ANNES: Stevensville; Terrapin Landing State Park	05-Aug-03	DPY

Moths

TORTRICIDAE

<i>Aethes baloghi</i> STATE RECORD	PRINCE GEORGES: Piscataway National Park	18-Aug-02	JDG
<i>Aethes heleniana</i> STATE RECORD	PRINCE GEORGES: Piscataway National Park	24-Sep-02	JDG
<i>Aethes terriae</i> STATE RECORD	PRINCE GEORGES: Piscataway National Park	28-Jun-02	JDG

PYRALIDAE

<i>Hellula rogatalis</i> rare in the state	PRINCE GEORGES: Piscataway National Park	18-Aug-02 - 12-Oct-02	JDG
<i>Loxostege sticticalis</i> STATE RECORD	PRINCE GEORGES: Piscataway National Park	13-Sep-02	JDG
<i>Pyrausta laticlavia</i> STATE RECORD	PRINCE GEORGES: Piscataway National Park	01-Oct-02	JDG
<i>Loxostegopsis merrickalis</i> STATE RECORD	PRINCE GEORGES: Piscataway National Park	10-Jul-02	JDG
<i>Diasemiodes nigralis</i> rare in the state	PRINCE GEORGES: Piscataway National Park	03-Sep-02 - 16-Sep-02	JDG
<i>Glyphodes pyloalis</i> STATE RECORD	PRINCE GEORGES: Piscataway National Park	30-May-02	JDG
<i>Argyria lacteella</i> STATE RECORD	PRINCE GEORGES: Piscataway National Park	12-Oct-02	JDG
<i>Thopeutis forbesellus</i> STATE RECORD	PRINCE GEORGES: Piscataway National Park	10-Jul-02	JDG
<i>Tallula watsoni</i> rare in the state	PRINCE GEORGES: Piscataway National Park	12-Sep-02 - 18-Sep-02	JDG

Acrobasis cunulae STATE RECORD	PRINCE GEORGES: Piscataway National Park	11-Aug-02	JDG
GEOMETRIDAE			
Xanthotype attenuaria STATE RECORD	PRINCE GEORGES: Piscataway National Park	15-Jun-02	JDG
Synchlora frondaria 2nd MD record	PRINCE GEORGES: Fort Washington National Park	08-May-03	JDG
Idea scintillularia rare in the state	PRINCE GEORGES: Fort Washington and Piscataway National Park	08-Jun-02 - 30-Aug-02	JDG
ARCTIIDAE			
Grammia placencia	PRINCE GEORGES: Piscataway National Park	15-Aug-02	JDG
NOCTUIDAE			
Parahypenodes quadralis STATE RECORD	PRINCE GEORGES: Piscataway National Park	07-Aug-02	JDG
Arugisa watsoni rare in the state	PRINCE GEORGES: Piscataway National Park	09-Aug-02	JDG
Ascalapha odorata	HOWARD: Columbia; Longfellow Neighborhood	10-Aug-03	RHS
Lesmone formularis STATE RECORD	PRINCE GEORGES: Piscataway National Park	23-May-02	JDG
Ozarba aerea rare in the state	PRINCE GEORGES: Piscataway National Park	03-Sep-02 - 05-Sep-02	JDG
Bagisara rectifascia 2nd MD record	PRINCE GEORGES: Piscataway National Park	08-Jul-02	JDG
Condica confederata rare in the state	PRINCE GEORGES: Piscataway National Park	18-Aug-02	JDG

MASSACHUSETTS

Moths

NOCTUIDAE			
Acronicta lanceolaria single records in four separate light traps	NANTUCKET: Nantucket	28-May-03 - 26-Jun-03	MJM
Spartiniphaga inops	NANTUCKET: Nantucket, upper reach of Clark Cove	17-Sep-03	MJM
Papaipema stenocelis first record since 1940	Nantucket: Nantucket, Taupawshas Swamp	08-Oct-03	MJM
Schinia septentrionalis 37 individuals in a single trap	Nantucket: Nantucket, grassland off Clark Cove Road	17-Sep-03	MJM

NEW HAMPSHIRE

Butterflies

HESPERIIDAE			
Carterocephalus palaemon nectaring at Fragaria virginiana and Houstonia caerulea	Coos: East Inlet near 2nd Connecticut Lake	22-Jun-03	RD
Hesperia comma laurentina	Coos: Scott Bog Rd.	19-Aug-03	AG
Poanes hobomok nectaring at Hieracium pilosella and Ledum groenlandicum; feeding at mammal dung, carrion, and puddling	Coos: East Inlet Area	22-Jun-03	RD
PAPILIONIDAE			
Papilio canadensis nectaring at Hieracium pilosella, feeding at mammal dung, carrion, and puddling	Coos: East Inlet Area	22-Jun-03	RD
PIERIDAE			
Pieris oleracea first brood with dark ventral hindwings	Coos: East Inlet near 2nd Connecticut Lake	22-Jun-03	RD
LYCAENIDAE			
Glaucopsyche lygdamus couperi	Coos: East Inlet Area	22-Jun-03	RD
NYMPHALIDAE			
Polygonia faunus very common	Coos: Scott Bog, East Inlet Rd.	19-Aug-03	AG
Polygonia gracilis fairly common	Coos: Scott Bog, East Inlet Rd.	19-Aug-03	AG
Polygonia progne very common	Coos: Scott Bog, East Inlet Rd. and Scott Bog Road	19-Aug-03	AG
Nymphalis vau-album common	Coos: Scott Bog, East Inlet Rd.	19-Aug-03	AG
Boloria selene myrina nectaring at Hieracium pilosella and Ranunculus acris	Coos: East Inlet Area	22-Jun-03	RD
Boloria selene atrocotalis	Coos: Scott Bog	19-Aug-03	AG

Chlosyne harrisii nectaring at Hieracium, Fragaria virginiana, and Ranunculus acris	Coos: East Inlet near 2nd Connecticut Lake	22-Jun-03	RD
Enodia anthedon borealis	Coos: Pinkham Notch	13-Jul-03	AG
Enodia anthedon borealis wooded glade	Grafton: Rt. 112, 2.6 mi E of Bear Notch Rd	13-Jul-03	AG
Megisto cymela "second" brood	Carroll: Swift River at Kancamagus Hwy. (Rt. 112)	13-Jul-03	AG
Coenonympha inornata nectaring at Ranunculus acris	Coos: Colebrook	23-Jun-03	RD
Cercyonis pegala nephele	Coos: East Inlet Rd., Scott Bog	17-Aug-03	AG

NEW JERSEY

Butterflies

HESPERIIDAE

Epargyreus clarus 5th instar larvae on Robinia pseudoacacia; adults nectaring at Lobelia siphilitica	Cape May: Higbee Beach	23-Sep-03 - 25-Sep-03	RD
Euphyes bimacula	Ocean: Lakehurst; Klots Bog	05-Jul-03	RD

NYMPHALIDAE

Libytheana carinenta nectaring at Baccharis halimifolia and Gomphrena gloriosa	Cape May: Higbee Beach and CMBO butterfly garden, Goshen	23-Sep-03 - 25-Sep-03	RD
Agraulis vanillae	Cape May: Higbee Beach	24-Sep-03	RD
Junonia coenia 5th instar larvae on Plantago lanceolata and Agalinis purpurea	Cape May: Higbee Beach	23-Sep-03 - 25-Sep-03	RD
Euptoieta claudia	Cape May: Higbee Beach	23-Sep-03 - 25-Sep-03	RD

Moths

SPHINGIDAE

Agrius cingulata post hurricane activity	Monmouth: Middletown	01-Oct-03	DSB
Agrius cingulata	Monmouth: Atlantic Highlands	15-Oct-03	DSB

NEW YORK

Butterflies

HESPERIIDAE

Pholisora catullus larvae in nests on Chenopodium album	Albany: Pine Bush	23-Aug-03	RD
Hesperia metea abundant in sandpit with Schizachyrium scoparium	Saratoga: Woods Hollow Nature Preserve	30-May-03 - 31-May-03	RD
Poanes massasoit associated with Carex stricta	Saratoga: Woods Hollow Nature Preserve	26-Jul-03	RD
Euphyes dion nectaring at Apocynum cannabinum	Schuyler: Rock Cabin Road near Montour Falls	13-Jul-03	RD

PAPILIONIDAE

Papilio cressphontes first sighting in 50 years; later a specimen photographed 15 miles S in Bradford, PA	Cattaraugus: Olean	15-Aug-03	JTM
--	--------------------	-----------	-----

PIERIDAE

Pieris virginiensis	Cattaraugus: Weston's Mills and Olean region	03-May-03	JTM
Anthocharis midea males nectaring at Krigia virginica	Rockland: Hook Mountain summit	05-May-03	RD

LYCAENIDAE

Feniseca tarquinius	Tompkins: McLean Bogs Reserve near Dryden	10-Aug-03	RD
Lycaena hyllus females among roadside Rumex; nectaring on Aster ericoides	Schuyler: Rock Cabin Road near Montour Falls	31-Aug-03 - 11-Oct-03	RD
Satyrium acadicum nectaring on Eupatorium purpureum	Tompkins: McLean Bogs Reserve near Dryden	25-Jul-03	RD
Callophrys niphon puddling nr Alnus with woolly aphids	Schuyler: Rock Cabin Road near Montour Falls	18-May-03	RD
Glaucopsyche lygdamus couperi	Saratoga: Woods Hollow Nature Preserve	30-May-03 - 31-May-03	RD
Lycaeides melissa samuelis a few fresh adults, both broods	Saratoga: Woods Hollow Nature Preserve	30-May-03 - 26-Jul-03	RD
Lycaeides melissa samuelis nectaring at Centaurea maculosa	Saratoga: Saratoga County Airport	26-Jul-03	RD

NYMPHALIDAE

Libytheana carinenta abundant; breeding at this site	Schuyler: Rock Cabin Road near Montour Falls	08-Aug-03 - 08-Oct-03	RD
Polygonia progne	Schuyler: Rock Cabin Road near Montour Falls	28-Jun-03 - 11-Oct-03	RD

Vanessa cardui rare inland migrant	Schuyler: Rock Cabin Road near Montour Falls	18-May-03	RD
Satyroides appalachia 5th instar larvae suspended to pupate on wide-leaved Carex sp in shaded swale	Schuyler: Gyuta Lake and associated wetlands	15-Jun-03	RD
Moths			
SATURNIIDAE			
Anisota senatoria mature larvae clustered on Quercus ilicifolia	Albany: Pine Bush	23-Aug-03	RD
SPHINGIDAE			
Sphinx kalmiae	Tompkins: Ithaca, Cornell University	07-Jul-03	RD

PENNSYLVANIA

Butterflies

HESPERIIDAE			
Epargyreus clarus female oviposited on Lespedeza virginica, larvae hatched 15-Jun, feed for three days and died	Berks: Eckville	10-Jun-03	KG
Pholisora catullus	Lancaster: Marietta	14-Aug-03	KG
Cartocephalus palaemon confined females oviposited on Calamagrostis canadensis; reared to maturity; diapausing larvae	Sullivan: SGL 13	14-Jun-03	RWB
Hesperia leonardus	Berks: Reading	10-Sep-03	KG
Hesperia metea	Chester: Nottingham	20-May-03	KG
Wallengrenia egeremet	MCKEAN: Kinzua Dam	20-Jul-03 - 20-Jul-03	GM
Atalopedes campestris via KG; 5th consecutive year in Berks County	Berks: Knauers	07-Sep-03 - 08-Oct-03	RW
Poanes viator	CRAWFORD: Conneaut Marsh	12-Jul-03	GM
Euphyes vestris 20+ individuals	MCKEAN: Mt. Alton and Kinzua Dam	20-Jul-03	GM
Panoquina ocola	Erie: Erie; Presque Isle State Park	27-Aug-03 - 20-Sep-03	GM
Panoquina ocola via KG; 5th consecutive year in Berks County	BERKS: Plow Church	16-Sep-03 - 27-Sep-03	KLE
PAPILIONIDAE			
Papilio cressphontes	Berks: Plow Church	07-Sep-03	HL
Eurytides marcellus	Lancaster: Marietta	14-Aug-03	KG
PIERIDAE			
Anthocharis midea	Chester: Nottingham	20-May-03	KG
Colias eurytheme pupa; female ecloses outside on 25-Oct-03	Berks: Reading	13-Oct-03	KG
LYCAENIDAE			
Satyrium calanus LATE	Berks: Fleetwood	08-Aug-03	KG
Calycopis cecrops via KG; 4th consecutive year in Berks County	Berks: Knauers	07-Sep-03	RW
Callophrys augustinus larva on Kalmia latifolia	Berks: Reading	29-May-03	KG
Callophrys irus correction on 2002 Season Summary; city is Reading, not Fleetwood	Berks: Reading	27-Apr-02	KG
Celastrina ladon larvae on Viburnum acerifolium reared to diapause; refused Cornus florida and C. racemosa buds in captivity	Berks: Reading	29-May-03	KG
Celastrina ladon larvae on Viburnum acerifolium; reared to diapause	Lehigh: Slatedale	30-May-03	KG
Celastrina ladon three larvae on V. acerifolium; refused C. florida fruits and V. trilobata buds; two females eclose 7-Jul-03	Berks: Fleetwood	08-Jun-03	KG
Celastrina ladon larvae on Viburnum prunifolium fruit; seven reared to diapause	Berks: Eckville	10-Jun-03	KG
Celastrina neglecta correction on 2002 Season Summary; mature larvae on 11 of 60 Cimicifuga racemosa flower stems	Berks: Eckville	22-Jun-02	KG
NYMPHALIDAE			
Libytheana carinenta	Lancaster: Marietta	14-Aug-03	KG
Chlosyne nycteis estimate 500 individuals including seven mating pairs	Lancaster: Marietta	14-Aug-03	KG
Limenitis arthemis astyanax ovipositing on Prunus serotina; three eggs found; one hatched 24-Oct-03	Berks: Reading	13-Oct-03	KG
Enodia anthedon	Schuylkill: Dreher'sville	13-Jul-03	KG
Satyroides eurydice	MCKEAN: Mt. Alton	20-Jul-03	GM
Coenonympha inornata	ELK: Buzzard Swamp	16-Jun-03	GM

RHODE ISLAND

Butterflies

HESPERIIDAE

Hesperia leonardus Washington: Warwick; Potowomut section 07-Sep-03 - 11-Sep-03 RL1

PIERIDAE

Eurema lisa Washington: Charlestown, SW entrance Frank Carter Preserve 25-Sep-03 MJM
puddling nr Alnus with woolly aphids

NYMPHALIDAE

Nymphalis milberti Providence: Foster, Ram's Tail Road near cemetery 05-Sep-03 MJM

Limenitis arthemis Washington: Charlestown, Frank Carter Preserve 28-Aug-03 MJM
female searching for oviposition sites on *Prunus serotina*

Moths

SATURNIIDAE

Callosamia angulifera WASHINGTON: Charlestown, Frank Carter Preserve 02-Jul-03 MJM

NOCTUIDAE

Lithophane thaxteri WASHINGTON: Charlestown, Frank Carter Preserve 21-Oct-03 MJM
at bait

VERMONT

Butterflies

PAPILIONIDAE

Papilio canadensis Bennington: Kelly Stand Rd. east of Arlington 31-May-03 RD
feeding at campfire ashes (potassium sources)

LYCAENIDAE

Callophrys grynea Franklin : Grand Isle 04-Jun-03 AG
from Dave Hoag

NYMPHALIDAE

Speyeria atlantis canadensis Windham: Green River 20-Jul-03 AG

Boloria bellona Windham: Green River and Guilford Center 20-Jul-03 AG

Euphydryas phaeton Windham: Green River and Guilford Center 20-Jul-03 AG

Limenitis archippus Lamoille: Stowe, Rt. 108 26-Sep-03 AG

Enodia anthedon borealis Windham: Green River 20-Jul-03 AG

Moths

OECOPHORIDAE

Agonopterix clemensella CALEDONIA: Peacham 28-Apr-03 MS
STATE RECORD

Depressaria alienella CALEDONIA: Peacham 27-Sep-03 MS
STATE RECORD

CHOREUTIDAE

Prochoreutis inflatella CALEDONIA: Peacham 14-Aug-03 MS
STATE RECORD

Caloreas leucobasis Caledonia: Danville 18-May-03 MS
EARLY

Choreutis diana ESSEX: Victory pipeline 11-Sep-03 MS
STATE RECORD

TORTRICIDAE

Apotomis tertia CALEDONIA: Peacham 12-Jun-03 MS
STATE RECORD

Epiblema tripartitana CALEDONIA: Peacham 12-Jun-03 MS
STATE RECORD

Gretchena semialba ESSEX: Victory Basin WMA 20-May-03 MS
STATE RECORD

Pammene felicitana CALEDONIA: Martins Pond 25-Jun-03 MS
STATE RECORD

Cydia flexiloqua CALEDONIA: Peacham 14-Aug-03 MS
STATE RECORD

Cydia gallaesaliciana CALEDONIA: Peacham 27-Jun-03 MS
STATE RECORD

Phalonidia memoranda CALEDONIA: Peacham 13-Jul-03 MS
STATE RECORD

PYRALIDAE

Aphomia sociella CALEDONIA: Peacham 20-Apr-03 MS

GEOMETRIDAEChloroclystis rectangulata
STATE RECORD

CALEDONIA: Peacham

07-Jul-03

MS

NOCTUIDAE

Syngrapha alias

CALEDONIA: Peacham

04-Aug-03

MS

Zone 11 Mexico**Mexico & the Caribbean Islands****Coordinator:** Isabel Vargas Fernandez**Contributors Cited:**

MCG : E. Montesinos et al

PSM : C. Pozo, N. Salas & A. Maya

ASW : Andrew D. & Sally Warren

CAMPECHE

Carmen Pozo, Noemí Salas y Aixchel Maya (PSM) reported from the Calakmul region (19°15' to 17°50'N, 90°20' to 89°00'W) located in Mexico in the southern part of the Yucatan Peninsula in the state of Campeche. This region is characterized by a flat lowland landscape with no important terrain elevations (100 to 250 m). Soils are shallow and calcareous and overlie a limestone platform. Precipitation is highly seasonal. A rainy season extends from June to November and a dry season from December to May. Annual precipitation varies from an average of 550 mm to 1,634 mm, producing dry and wet years. Although flooding occurs during the rainy season, once the rain stops, little water remains on the surface. The mean annual temperature is 24.6°C. The forest in this region is transitional between the dryer scrub forest of the north of the Yucatán Peninsula to the humid tropical forest of the south in El Peten, Guatemala. The most common tree species are *Manilkara zapota*, *M. chicle*, *Pouteria sapota*, *P. amygdalina*, *P. campechiana*, *P. reticulata*, *Brosimum alicastrum*, *Lonchocarpus yucatanensis*, *Bursera simaruba*, *Haematoxylum campechianum*, *Ceiba schottii*, *Pseudobombax ellipticum*, and *Maytenus schippi*, in some areas, trees lose almost 75% of their leaves. In this case, the most common species are *Guaiacum sanctum*, *Esenbeckia* (Rutaceae), *Beucarnea plianbilis*, and *Thouinia paucidentata*. The Calakmul region includes the Biosphere Reserve of Calakmul, with 723,185 ha, is the largest protected tropical forest in Mexico. The area also includes extensive Mayan archaeological sites. Here we reported the records obtained in a survey from 23–30 January 2000, that is part of a monitoring program for the area. The results obtained between 1997 and 1999 are reported in a paper titled Butterflies (Papilionoidea and Hesperioidea) of Calakmul, Campeche, México (Pozo et al., 2003).

Butterflies**HESPERIIDAE**

<i>Proteides mercurius</i>	CAMPECHE: Brecha a Flores Magón	27-Mar-03	ASW
<i>Epargyreus exadeus cruza</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Epargyreus deleoni</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Epargyreus n. sp.</i>	CAMPECHE: Zona arqueológica Calakmul	28-Mar-03	ASW
<i>Polygonus savigny</i>	CAMPECHE: Brecha a Flores Magón	27-Mar-03	ASW
<i>Polygonus savigny</i>	CAMPECHE: Zona arqueológica Calakmul	28-Mar-03	ASW
<i>Polygonus savigny</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Polythrix asine</i>	CAMPECHE: Zona arqueológica Calakmul	28-Mar-03	ASW
<i>Polythrix asine</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
<i>Polythrix octomaculata</i> en arena humeda	CAMPECHE: Brecha a Flores Magón	27-Mar-03	ASW
<i>Codatractus carlos</i>	CAMPECHE: Brecha a Flores Magón	27-Mar-03	ASW
<i>Codatractus sallyae</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Urbanus dorantes</i>	CAMPECHE: Brecha a Flores Magón	27-Mar-03	ASW
<i>Urbanus dorantes</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Urbanus tanna</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
<i>Urbanus tanna</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Urbanus procne</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Thessia jalapus</i>	CAMPECHE: Brecha a Flores Magón	27-Mar-03	ASW
<i>Thessia jalapus</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Elbella patrobax mexicana</i>	CAMPECHE: Brecha a Flores Magón	27-Mar-03	ASW
<i>Elbella scylla</i>	CAMPECHE: Zona arqueológica Calakmul	28-Mar-03	ASW
<i>Nisoniades godma</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
<i>Staphylus n. sp.</i>	CAMPECHE: 2 km W of X-Pujil	30-Mar-03	ASW
<i>Gorgythion n. sp.</i>	CAMPECHE: Brecha a Flores Magón	27-Mar-03	ASW
<i>Carrhenes canescens</i>	CAMPECHE: Brecha a Flores Magón	27-Mar-03	ASW
<i>Systasea pulverulenta</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Telemiades avitus</i>	CAMPECHE: Brecha a Flores Magón	27-Mar-03	ASW
<i>Grais stigmatica</i>	CAMPECHE: Brecha a Flores Magón	27-Mar-03	ASW
<i>Grais stigmatica</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Timochares ruptifasciatus</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Timochares trifasciata</i>	CAMPECHE: Zona arqueológica Calakmul	28-Mar-03	ASW
<i>Timochares trifasciata</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Pyrgus adepta</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW

<i>Pyrgus adepta</i>	CAMPECHE: 2 km W of X-Pujil	30-Mar-03	ASW
<i>Pyrgus oileus</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
<i>Pyrgus oileus</i>	CAMPECHE: 2 km W of X-Pujil	30-Mar-03	ASW
<i>Pyrgus oileus</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Heliopetes arsalte</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
<i>Synapte malitiosa pecta</i>	CAMPECHE: Zona arqueológica Calakmul	28-Mar-03	ASW
<i>Callimormus saturnus</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
<i>Callimormus saturnus</i>	CAMPECHE: 2 km W of X-Pujil	30-Mar-03	ASW
<i>Vehilius illudens</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
<i>Methionopsis ina</i>	CAMPECHE: Brecha a Flores Magón	27-Mar-03	ASW
<i>Mnasicles geta</i>	CAMPECHE: Zona arqueológica Calakmul	28-Mar-03	ASW
<i>Mnasicles geta</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Morys valda</i>	CAMPECHE: Brecha a Flores Magón	27-Mar-03	ASW
<i>Cymaenes trebius</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
<i>Cymaenes trebius</i>	CAMPECHE: 2 km W of X-Pujil	30-Mar-03	ASW
<i>Cymaenes trebius</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Lerema accius</i>	CAMPECHE: Zona arqueológica Calakmul	28-Mar-03	ASW
<i>Lerema accius</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
<i>Vettius fantasos</i>	CAMPECHE: Brecha a Flores Magón	27-Mar-03	ASW
<i>Phanes aletes</i>	CAMPECHE: Brecha a Flores Magón	27-Mar-03	ASW
<i>Remella remus</i>	CAMPECHE: Brecha a Flores Magón	27-Mar-03	ASW
<i>Polites vibex praeceps</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Polycctor n. sp.</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Pompeius pompeius</i>	CAMPECHE: Zona arqueológica Calakmul	28-Mar-03	ASW
<i>Pompeius pompeius</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
<i>Pompeius pompeius</i>	CAMPECHE: 2 km W of X-Pujil	30-Mar-03	ASW
<i>Pompeius pompeius</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Panoquina lucas</i>	CAMPECHE: Brecha a Flores Magón	27-Mar-03	ASW
PAPILIONIDAE			
<i>Parides erithalion trichopus</i>	CAMPECHE: Ejido Cristóbal Colón	26-Jan-00	PSM
<i>Battus laodamas copanae</i>	CAMPECHE: Brecha a Flores Magón	27-Mar-03	ASW
<i>Papilio thoas autocles</i>	CAMPECHE: Zona arqueológica Calakmul	28-Mar-03	ASW
<i>Papilio thoas autocles</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Papilio cresphontes</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Papilio astyalus pallas</i>	CAMPECHE: Zona arqueológica Calakmul	28-Mar-03	ASW
<i>Papilio ornithion</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Protographium philolaus</i>	CAMPECHE: Zona arqueológica Calakmul	28-Mar-03	ASW
<i>Protographium philolaus</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
<i>Protographium philolaus</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Protographium agesilaus neosilaus</i>	CAMPECHE: Dos Naciones	29-Jan-00	PSM
<i>Protographium agesilaus neosilaus</i>	CAMPECHE: Zona Arqueológica de Calakmul, estructura "B"	30-Jan-00	PSM
PIERIDAE			
<i>Ascia monuste</i>	CAMPECHE: Zona arqueológica Calakmul	28-Mar-03	ASW
<i>Ascia monuste</i>	CAMPECHE: 2 km W of X-Pujil	30-Mar-03	ASW
<i>Ganyra josephina josepha</i>	CAMPECHE: Zona Arqueológica de Calakmul, estructura "A"	24-Jan-00 - 30-Jan-00	PSM
<i>Anteos clorinde nivifera</i>	CAMPECHE: Dos Naciones	29-Jan-00	PSM
<i>Anteos clorinde nivifera</i>	CAMPECHE: Zona Arqueológica de Calakmul, estructura "B"	30-Jan-00	PSM
<i>Anteos clorinde nivifera</i>	CAMPECHE: Zona arqueológica Calakmul	28-Mar-03	ASW
<i>Anteos clorinde nivifera</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
<i>Anteos clorinde nivifera</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Anteos maerula lacordairei</i>	CAMPECHE: Zona Arqueológica de Calakmul, estructura "A"	24-Jan-00 - 30-Jan-00	PSM
<i>Anteos maerula lacordairei</i>	CAMPECHE: Carretera a la Zona Arqueológica Calakmul	24-Jan-00	PSM
<i>Anteos maerula lacordairei</i>	CAMPECHE: 24 km N X-Pujil, Entrada a "El Papagayo"	27-Jan-00	PSM
<i>Anteos maerula lacordairei</i>	CAMPECHE: Dos Naciones	29-Jan-00	PSM
<i>Anteos maerula lacordairei</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
<i>Anteos maerula lacordairei</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Phoebis sennae marcellina</i>	CAMPECHE: Ejido Cristóbal Colón	26-Jan-00	PSM
<i>Phoebis sennae marcellina</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
<i>Phoebis sennae marcellina</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Phoebis philea</i>	CAMPECHE: Carretera a la Zona Arqueológica Calakmul	24-Jan-00	PSM
<i>Phoebis philea</i>	CAMPECHE: Zona Arqueológica de Calakmul, estructura "A"	24-Jan-00	PSM
<i>Phoebis philea</i>	CAMPECHE: Dos Naciones	29-Jan-00	PSM
<i>Phoebis philea</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Phoebis argante</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	23-Jan-00	PSM
<i>Phoebis argante</i>	CAMPECHE: Carretera a la Zona Arqueológica Calakmul	24-Jan-00	PSM
<i>Phoebis argante</i>	CAMPECHE: Zona Arqueológica de Calakmul, estructura "A"	24-Jan-00 - 30-Jan-00	PSM
<i>Phoebis argante</i>	CAMPECHE: 24 km N X-Pujil, Entrada a "El Papagayo"	27-Jan-00	PSM

<i>Phoebis agarithe</i>	CAMPECHE: Zona arqueológica Calakmul	28-Mar-03	ASW
<i>Phoebis agarithe</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
<i>Phoebis agarithe</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Kricogonia lyside</i>	CAMPECHE: Brecha a Flores Magón	27-Mar-03	ASW
<i>Kricogonia lyside</i>	CAMPECHE: Zona arqueológica Calakmul	28-Mar-03	ASW
<i>Kricogonia lyside</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
<i>Kricogonia lyside</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Eurema proterpia</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Eurema lisa centralis</i>	CAMPECHE: Brecha a Flores Magón	27-Mar-03	ASW
<i>Eurema nise nelphe</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	23-Jan-00	PSM
<i>Eurema nise nelphe</i>	CAMPECHE: Ejido Nuevo Becal Pueblo	23-Jan-00	PSM
<i>Eurema nise nelphe</i>	CAMPECHE: Zona Arqueológica de Calakmul, estructura "A"	24-Jan-00	PSM
<i>Eurema nise nelphe</i>	CAMPECHE: Brecha a Flores Magón, El Papagayo	25-Jan-00	PSM
<i>Eurema nise nelphe</i>	CAMPECHE: Ejido Cristóbal Colón	26-Jan-00	PSM
<i>Eurema nise nelphe</i>	CAMPECHE: 24 km N X-Pujil, Entrada a "El Papagayo"	27-Jan-00	PSM
<i>Eurema nise nelphe</i>	CAMPECHE: Camino campamento Santa Rosa, 10 km de El Refugi	28-Jan-00	PSM
<i>Eurema nise nelphe</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
<i>Eurema dina westwoodi</i>	CAMPECHE: Carretera a la Zona Arqueológica Calakmul	24-Jan-00	PSM
<i>Eurema dina westwoodi</i>	CAMPECHE: Ejido Cristóbal Colón	26-Jan-00	PSM
<i>Eurema dina westwoodi</i>	CAMPECHE: 24 km N X-Pujil, Entrada a "El Papagayo"	27-Jan-00	PSM
<i>Eurema dina westwoodi</i>	CAMPECHE: Brecha a Flores Magón	27-Mar-03	ASW
<i>Eurema dina westwoodi</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Eurema दौरa eugenia</i>	CAMPECHE: Ejido Cristóbal Colón	26-Jan-00	PSM
<i>Eurema दौरa eugenia</i>	CAMPECHE: Dos Naciones	29-Jan-00	PSM
<i>Eurema दौरa eugenia</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Eurema boisduvalianum</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
<i>Eurema albula celata</i>	CAMPECHE: Dos Naciones	29-Jan-00	PSM
<i>Eurema albula celata</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
<i>Glutophrissa drusilla tenuis</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	23-Jan-00	PSM
<i>Glutophrissa drusilla tenuis</i>	CAMPECHE: Carretera a la Zona Arqueológica Calakmul	24-Jan-00	PSM
<i>Glutophrissa drusilla tenuis</i>	CAMPECHE: Zona Arqueológica de Calakmul, estructura "A"	24-Jan-00	PSM
<i>Glutophrissa drusilla tenuis</i>	CAMPECHE: Brecha a Flores Magón, El Papagayo	25-Jan-00	PSM
<i>Glutophrissa drusilla tenuis</i>	CAMPECHE: Ejido Cristóbal Colón	26-Jan-00	PSM
<i>Glutophrissa drusilla tenuis</i>	CAMPECHE: 24 km N X-Pujil, Entrada a "El Papagayo"	27-Jan-00	PSM
<i>Glutophrissa drusilla tenuis</i>	CAMPECHE: Dos Naciones	29-Jan-00	PSM
<i>Glutophrissa drusilla tenuis</i>	CAMPECHE: Zona Arqueológica de Calakmul, estructura "B"	30-Jan-00	PSM
<i>Glutophrissa drusilla tenuis</i>	CAMPECHE: Brecha a Flores Magón	27-Mar-03	ASW
<i>Glutophrissa drusilla tenuis</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
<i>Glutophrissa drusilla tenuis</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Pieriballia viardi</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	23-Jan-00	PSM
<i>Pieriballia viardi</i>	CAMPECHE: Carretera a la Zona Arqueológica Calakmul	24-Jan-00	PSM
<i>Pieriballia viardi</i>	CAMPECHE: Zona Arqueológica de Calakmul, estructura "A"	24-Jan-00	PSM
<i>Pieriballia viardi</i>	CAMPECHE: Brecha a Flores Magón, El Papagayo	25-Jan-00	PSM
<i>Pieriballia viardi</i>	CAMPECHE: Ejido Cristóbal Colón	26-Jan-00	PSM
<i>Pieriballia viardi</i>	CAMPECHE: 24 km N X-Pujil, Entrada a "El Papagayo"	27-Jan-00	PSM
<i>Pieriballia viardi</i>	CAMPECHE: Camino campamento Santa Rosa, 10 km de El Refugi	28-Jan-00	PSM
<i>Pieriballia viardi</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
LYCAENIDAE			
<i>Eumaeus toxea</i>	CAMPECHE: Brecha a Flores Magón	27-Mar-03	ASW
<i>Chlorostrymon simaethis</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
<i>Ministrymon azia</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
<i>Tmolus echion</i>	CAMPECHE: Brecha a Flores Magón	27-Mar-03	ASW
<i>Strymon yojoa</i>	CAMPECHE: Brecha a Flores Magón	27-Mar-03	ASW
<i>Strymon istapa</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
<i>Strymon istapa</i>	CAMPECHE: 2 km W of X-Pujil	30-Mar-03	ASW
<i>Zizula cyna</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
<i>Leptotes cassius striata</i>	CAMPECHE: Zona arqueológica Calakmul	28-Mar-03	ASW
<i>Leptotes cassius striata</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
<i>Leptotes cassius striata</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Hemiargus ceraunus</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
<i>Hemiargus ceraunus</i>	CAMPECHE: 2 km W of X-Pujil	30-Mar-03	ASW
<i>Everes comyntas</i>	CAMPECHE: 2 km W of X-Pujil	30-Mar-03	ASW
<i>Juditha molpe</i>	CAMPECHE: Carretera a la Zona Arqueológica Calakmul	24-Jan-00	PSM
<i>Juditha molpe</i>	CAMPECHE: Brecha a Flores Magón	27-Mar-03	ASW
<i>Juditha molpe</i>	CAMPECHE: Zona arqueológica Calakmul	28-Mar-03	ASW
<i>Juditha molpe</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
<i>Juditha molpe</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW

RIODINIDAE

<i>Caria ino</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
<i>Melanis pixe</i>	CAMPECHE: Ejido Cristóbal Colón	26-Jan-00	PSM
<i>Mesene n. sp.</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
<i>Thisbe irenea</i>	CAMPECHE: Zona Arqueológica de Calakmul, estructura "A"	30-Jan-00	PSM
<i>Thisbe irenea</i>	CAMPECHE: Brecha a Flores Magón	27-Mar-03	ASW
<i>Thisbe irenea</i>	CAMPECHE: Zona arqueológica Calakmul	28-Mar-03	ASW
<i>Thisbe lycorias</i>	CAMPECHE: Zona Arqueológica de Calakmul, estructura "A"	24-Jan-00	PSM
<i>Thisbe lycorias</i>	CAMPECHE: Carretera a la Zona Arqueológica Calakmul	24-Jan-00	PSM
<i>Thisbe lycorias</i>	CAMPECHE: Brecha a Flores Magón, El Papagayo	25-Jan-00	PSM
<i>Theope n. sp.</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
<i>Anteros carausius</i>	CAMPECHE: Zona Arqueológica de Calakmul, estructura "A"	30-Jan-00	PSM

NYMPHALIDAE

<i>Libytheana carinenta mexicana</i>	CAMPECHE: Carretera a la Zona Arqueológica Calakmul	24-Jan-00	PSM
<i>Libytheana carinenta mexicana</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Agraulis vanillae incarnata</i>	CAMPECHE: Ejido Cristóbal Colón	26-Jan-00	PSM
<i>Agraulis vanillae incarnata</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Dryas iulia moderata</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	23-Jan-00	PSM
<i>Dryas iulia moderata</i>	CAMPECHE: Ejido Nuevo Becal Pueblo	23-Jan-00	PSM
<i>Dryas iulia moderata</i>	CAMPECHE: Carretera a la Zona Arqueológica Calakmul	24-Jan-00	PSM
<i>Dryas iulia moderata</i>	CAMPECHE: Zona Arqueológica de Calakmul, estructura "A"	24-Jan-00	PSM
<i>Dryas iulia moderata</i>	CAMPECHE: Brecha a Flores Magón, El Papagayo	25-Jan-00	PSM
<i>Dryas iulia moderata</i>	CAMPECHE: Ejido Cristóbal Colón	26-Jan-00	PSM
<i>Dryas iulia moderata</i>	CAMPECHE: 24 km N X-Pujil, Entrada a "El Papagayo"	27-Jan-00	PSM
<i>Dryas iulia moderata</i>	CAMPECHE: Camino campamento Santa Rosa, 10 km de El Refugi	28-Jan-00	PSM
<i>Dryas iulia moderata</i>	CAMPECHE: Dos Naciones	29-Jan-00	PSM
<i>Dryas iulia moderata</i>	CAMPECHE: Brecha a Flores Magón	27-Mar-03	ASW
<i>Dryas iulia moderata</i>	CAMPECHE: Zona arqueológica Calakmul	28-Mar-03	ASW
<i>Dryas iulia moderata</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Eueides aliphera gracilis</i>	CAMPECHE: Dos Naciones	29-Jan-00	PSM
<i>Heliconius charitonius vazquezae</i>	CAMPECHE: Ejido Nuevo Becal Pueblo	23-Jan-00	PSM
<i>Heliconius charitonius vazquezae</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	23-Jan-00	PSM
<i>Heliconius charitonius vazquezae</i>	CAMPECHE: Carretera a la Zona Arqueológica Calakmul	24-Jan-00	PSM
<i>Heliconius charitonius vazquezae</i>	CAMPECHE: Zona Arqueológica de Calakmul, estructura "A"	24-Jan-00	PSM
<i>Heliconius charitonius vazquezae</i>	CAMPECHE: Brecha a Flores Magón, El Papagayo	25-Jan-00	PSM
<i>Heliconius charitonius vazquezae</i>	CAMPECHE: Ejido Cristóbal Colón	26-Jan-00	PSM
<i>Heliconius charitonius vazquezae</i>	CAMPECHE: 24 km N X-Pujil, Entrada a "El Papagayo"	27-Jan-00	PSM
<i>Heliconius charitonius vazquezae</i>	CAMPECHE: Dos Naciones	29-Jan-00	PSM
<i>Heliconius charitonius vazquezae</i>	CAMPECHE: Zona Arqueológica de Calakmul, estructura "B"	30-Jan-00	PSM
<i>Heliconius charitonius vazquezae</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
<i>Heliconius charitonius vazquezae</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Heliconius erato petiveranus</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	23-Jan-00	PSM
<i>Heliconius erato petiveranus</i>	CAMPECHE: Carretera a la Zona Arqueológica Calakmul	24-Jan-00	PSM
<i>Heliconius erato petiveranus</i>	CAMPECHE: Zona Arqueológica de Calakmul, estructura "A"	24-Jan-00	PSM
<i>Heliconius erato petiveranus</i>	CAMPECHE: Brecha a Flores Magón, El Papagayo	25-Jan-00	PSM
<i>Heliconius erato petiveranus</i>	CAMPECHE: Ejido Cristóbal Colón	26-Jan-00	PSM
<i>Heliconius erato petiveranus</i>	CAMPECHE: 24 km N X-Pujil, Entrada a "El Papagayo"	27-Jan-00	PSM
<i>Heliconius erato petiveranus</i>	CAMPECHE: Camino campamento Santa Rosa, 10 km de El Refugi	28-Jan-00	PSM
<i>Heliconius erato petiveranus</i>	CAMPECHE: Dos Naciones	29-Jan-00	PSM
<i>Heliconius erato petiveranus</i>	CAMPECHE: Brecha a Flores Magón	27-Mar-03	ASW
<i>Heliconius erato petiveranus</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
<i>Heliconius erato petiveranus</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Prepona laertes octavia</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Prepona pylene philetas</i>	CAMPECHE: Carretera a la Zona Arqueológica Calakmul	24-Jan-00	PSM
<i>Prepona pylene philetas</i>	CAMPECHE: Brecha a Flores Magón	27-Mar-03	ASW
<i>Junonia evarete zonalis</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
<i>Junonia evarete zonalis</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Anartia jatrophae luteipicta</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	23-Jan-00	PSM
<i>Anartia jatrophae luteipicta</i>	CAMPECHE: Ejido Cristóbal Colón	26-Jan-00	PSM
<i>Anartia jatrophae luteipicta</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
<i>Anartia jatrophae luteipicta</i>	CAMPECHE: 2 km W of X-Pujil	30-Mar-03	ASW
<i>Anartia jatrophae luteipicta</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Anartia amathea venusta</i>	CAMPECHE: Ejido Nuevo Becal Pueblo	23-Jan-00	PSM
<i>Anartia amathea venusta</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	23-Jan-00	PSM
<i>Anartia amathea venusta</i>	CAMPECHE: Carretera a la Zona Arqueológica Calakmul	24-Jan-00	PSM
<i>Anartia amathea venusta</i>	CAMPECHE: Ejido Cristóbal Colón	26-Jan-00	PSM
<i>Anartia amathea venusta</i>	CAMPECHE: Dos Naciones	29-Jan-00	PSM

<i>Anartia amathea venusta</i>	CAMPECHE: Zona Arqueológica de Calakmul, estructura "B"	30-Jan-00	PSM
<i>Anartia amathea venusta</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
<i>Anartia amathea venusta</i>	CAMPECHE: 2 km W of X-Pujil	30-Mar-03	ASW
<i>Siproeta stelenes biplagiata</i>	CAMPECHE: Ejido Nuevo Becal Pueblo	23-Jan-00	PSM
<i>Siproeta stelenes biplagiata</i>	CAMPECHE: Brecha a Flores Magón, El Papagayo	25-Jan-00	PSM
<i>Siproeta stelenes biplagiata</i>	CAMPECHE: Ejido Cristóbal Colón	26-Jan-00	PSM
<i>Siproeta stelenes biplagiata</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Coea acheronta</i>	CAMPECHE: 24 km N X-Pujil, Entrada a "El Papagayo"	27-Jan-00	PSM
<i>Coea acheronta</i> en trampa	CAMPECHE: Brecha a Flores Magón	27-Mar-03	ASW
<i>Phyciodes tulcis</i>	CAMPECHE: Ejido Cristóbal Colón	26-Jan-00	PSM
<i>Phyciodes tulcis</i>	CAMPECHE: Zona arqueológica Calakmul	28-Mar-03	ASW
<i>Phyciodes tulcis</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Cissia pseudoconfusa</i>	CAMPECHE: Brecha a Flores Magón	27-Mar-03	ASW
<i>Cissia pseudoconfusa</i>	CAMPECHE: Zona arqueológica Calakmul	28-Mar-03	ASW
<i>Cissia pseudoconfusa</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
<i>Cissia pompilia</i>	CAMPECHE: Brecha a Flores Magón	27-Mar-03	ASW
<i>Cissia pompilia</i>	CAMPECHE: Zona Arqueológica Calakmul	28-Mar-03	ASW
<i>Cissia pompilia</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
<i>Cissia pompilia</i>	CAMPECHE: 2 km W of X-Pujil	30-Mar-03	ASW
<i>Thessalia theona</i>	CAMPECHE: Ejido Nuevo Becal Pueblo	23-Jan-00	PSM
<i>Thessalia theona</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	23-Jan-00	PSM
<i>Thessalia theona</i>	CAMPECHE: Ejido Cristóbal Colón	26-Jan-00	PSM
<i>Thessalia theona</i>	CAMPECHE: Dos Naciones	29-Jan-00	PSM
<i>Adelpha fessonia</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Adelpha iphiclus massilides</i>	CAMPECHE: Zona Arqueológica de Calakmul, estructura "A"	24-Jan-00	PSM
<i>Adelpha iphiclus massilides</i>	CAMPECHE: 24 km N X-Pujil, Entrada a "El Papagayo"	27-Jan-00	PSM
<i>Adelpha iphiclus massilides</i>	CAMPECHE: Dos Naciones	29-Jan-00	PSM
<i>Adelpha serpa massilia</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Adelpha basiloides</i>	CAMPECHE: 24 km N X-Pujil, Entrada a "El Papagayo"	27-Jan-00	PSM
<i>Myscelia ethusa</i>	CAMPECHE: Zona Arqueológica de Calakmul, estructura "A"	30-Jan-00	PSM
<i>Myscelia ethusa</i>	CAMPECHE: Brecha a Flores Magón	27-Mar-03	ASW
<i>Myscelia ethusa</i>	CAMPECHE: Zona arqueológica Calakmul	28-Mar-03	ASW
<i>Myscelia ethusa</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
<i>Myscelia ethusa</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Myscelia cyaniris</i>	CAMPECHE: 24 km N X-Pujil, Entrada a "El Papagayo"	27-Jan-00	PSM
<i>Cepheptychia glaucina</i>	CAMPECHE: Brecha a Flores Magón	27-Mar-03	ASW
<i>Cepheptychia glaucina</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
<i>Eunica monima</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Eunica tatila</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	23-Jan-00	PSM
<i>Eunica tatila</i>	CAMPECHE: Carretera a la Zona Arqueológica Calakmul	24-Jan-00	PSM
<i>Eunica tatila</i>	CAMPECHE: Brecha a Flores Magón, El Papagayo	25-Jan-00	PSM
<i>Eunica tatila</i>	CAMPECHE: Ejido Cristóbal Colón	26-Jan-00	PSM
<i>Eunica tatila</i>	CAMPECHE: Ejido Narciso Mendoza	26-Jan-00	PSM
<i>Eunica tatila</i>	CAMPECHE: 24 km N X-Pujil, Entrada a "El Papagayo"	27-Jan-00	PSM
<i>Eunica tatila</i>	CAMPECHE: Camino campamento Santa Rosa, 10 km de El Refugi	28-Jan-00	PSM
<i>Eunica tatila</i>	CAMPECHE: Zona Arqueológica de Calakmul, estructura "B"	30-Jan-00	PSM
<i>Eunica tatila</i>	CAMPECHE: Brecha a Flores Magón	27-Mar-03	ASW
<i>Eunica tatila</i>	CAMPECHE: Zona arqueológica Calakmul	28-Mar-03	ASW
<i>Eunica tatila</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
<i>Eunica tatila</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Dynamine postverta mexicana</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	23-Jan-00	PSM
<i>Pyrrhogyra neaerea hypsenor</i>	CAMPECHE: Brecha a Flores Magón, El Papagayo	25-Jan-00	PSM
<i>Pyrrhogyra neaerea hypsenor</i>	CAMPECHE: 24 km N X-Pujil, Entrada a "El Papagayo"	27-Jan-00	PSM
<i>Dynamine postverta mexicana</i>	CAMPECHE: Dos Naciones	29-Jan-00	PSM
<i>Dynamine postverta mexicana</i>	CAMPECHE: Zona Arqueológica de Calakmul, estructura "B"	30-Jan-00	PSM
<i>Pyrrhogyra otolais</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	23-Jan-00	PSM
<i>Mestra amymone</i>	CAMPECHE: Ejido Nuevo Becal Pueblo	23-Jan-00	PSM
<i>Mestra amymone</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	23-Jan-00	PSM
<i>Mestra amymone</i>	CAMPECHE: Zona Arqueológica de Calakmul, estructura "A"	24-Jan-00 - 30-Jan-00	PSM
<i>Mestra amymone</i>	CAMPECHE: Carretera a la Zona Arqueológica Calakmul	24-Jan-00	PSM
<i>Mestra amymone</i>	CAMPECHE: Ejido Cristóbal Colón	26-Jan-00	PSM
<i>Mestra amymone</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Biblis hyperia aganisa</i>	CAMPECHE: Ejido Nuevo Becal Pueblo	23-Jan-00	PSM
<i>Biblis hyperia aganisa</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	23-Jan-00	PSM
<i>Biblis hyperia aganisa</i>	CAMPECHE: Brecha a Flores Magón, El Papagayo	25-Jan-00	PSM
<i>Biblis hyperia aganisa</i>	CAMPECHE: Ejido Cristóbal Colón	26-Jan-00	PSM

Biblis hyperia aganisa	CAMPECHE: Zona arqueológica Calakmul	28-Mar-03	ASW
Biblis hyperia aganisa	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
Hamadryas februa ferentina	CAMPECHE: Carretera a la Zona Arqueológica Calakmul	24-Jan-00	PSM
Hamadryas februa ferentina	CAMPECHE: Brecha a Flores Magón, El Papagayo	25-Jan-00	PSM
Hamadryas februa ferentina	CAMPECHE: Ejido Cristóbal Colón	26-Jan-00	PSM
Hamadryas februa ferentina	CAMPECHE: 24 km N X-Pujil, Entrada a "El Papagayo"	27-Jan-00	PSM
Hamadryas februa ferentina	CAMPECHE: Camino campamento Santa Rosa, 10 km de El Refugi	28-Jan-00	PSM
Hamadryas guatemalena	CAMPECHE: El Chorro, Ejido Nuevo Becal	23-Jan-00	PSM
Hamadryas julitta	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
Temenis laothoe hondurensis	CAMPECHE: Ejido Nuevo Becal Pueblo	23-Jan-00	PSM
Temenis laothoe hondurensis	CAMPECHE: Carretera a la Zona Arqueológica Calakmul	24-Jan-00	PSM
Temenis laothoe hondurensis	CAMPECHE: Brecha a Flores Magón, El Papagayo	25-Jan-00	PSM
Nica flavilla	CAMPECHE: Ejido Nuevo Becal Pueblo	23-Jan-00	PSM
Nica flavilla	CAMPECHE: El Chorro, Ejido Nuevo Becal	23-Jan-00	PSM
Nica flavilla	CAMPECHE: Carretera a la Zona Arqueológica Calakmul	24-Jan-00	PSM
Nica flavilla	CAMPECHE: Brecha a Flores Magón, El Papagayo	25-Jan-00	PSM
Nica flavilla	CAMPECHE: Ejido Cristóbal Colón	26-Jan-00	PSM
Nica flavilla	CAMPECHE: 24 km N X-Pujil, Entrada a "El Papagayo"	27-Jan-00	PSM
Nica flavilla	CAMPECHE: Camino campamento Santa Rosa, 10 km de El Refugi	28-Jan-00	PSM
Nica flavilla	CAMPECHE: Zona Arqueológica de Calakmul, estructura "A"	30-Jan-00	PSM
Historis odius dious	CAMPECHE: Carretera a la Zona Arqueológica Calakmul	24-Jan-00	PSM
Historis odius dious en trampa	CAMPECHE: Brecha a Flores Magón	27-Mar-03	ASW
Colobura dirce	CAMPECHE: Ejido Nuevo Becal Pueblo	23-Jan-00	PSM
Colobura dirce	CAMPECHE: Carretera a la Zona Arqueológica Calakmul	24-Jan-00	PSM
Colobura dirce	CAMPECHE: Brecha a Flores Magón, El Papagayo	25-Jan-00	PSM
Colobura dirce	CAMPECHE: Camino campamento Santa Rosa, 10 km de El Refugi	28-Jan-00	PSM
Marpesia chiron marius	CAMPECHE: Zona Arqueológica de Calakmul, estructura "A"	24-Jan-00	PSM
Marpesia chiron marius	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
Marpesia petreus tethys	CAMPECHE: Zona Arqueológica de Calakmul, estructura "A"	24-Jan-00	PSM
Marpesia petreus tethys	CAMPECHE: Zona Arqueológica de Calakmul, estructura "B"	30-Jan-00	PSM
Marpesia petreus tethys	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
Archaeoprepona demophon centralis	CAMPECHE: Brecha a Flores Magón, El Papagayo	25-Jan-00	PSM
Archaeoprepona demophon centralis	CAMPECHE: 24 km N X-Pujil, Entrada a "El Papagayo"	27-Jan-00	PSM
Archaeoprepona demophon centralis	CAMPECHE: Brecha a Flores Magón	27-Mar-03	ASW
Archaeoprepona demophon centralis	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
Archaeoprepona demophoon gulina	CAMPECHE: Ejido Nuevo Becal Pueblo	23-Jan-00	PSM
Archaeoprepona demophoon gulina	CAMPECHE: Ejido Cristóbal Colón	26-Jan-00	PSM
Archaeoprepona demophoon gulina	CAMPECHE: Ejido Narciso Mendoza	26-Jan-00	PSM
Archaeoprepona demophoon gulina	CAMPECHE: 24 km N X-Pujil, Entrada a "El Papagayo"	27-Jan-00	PSM
Archaeoprepona demophoon gulina	CAMPECHE: Camino campamento Santa Rosa, 10 km de El Refugi	28-Jan-00	PSM
Archaeoprepona demophoon gulina	CAMPECHE: Zona Arqueológica de Calakmul, estructura "A"	30-Jan-00	PSM
Anaea troglodyta aidea	CAMPECHE: El Chorro, Ejido Nuevo Becal	23-Jan-00	PSM
Anaea troglodyta aidea	CAMPECHE: Carretera a la Zona Arqueológica Calakmul	24-Jan-00	PSM
Anaea troglodyta aidea	CAMPECHE: Brecha a Flores Magón, El Papagayo	25-Jan-00	PSM
Anaea troglodyta aidea	CAMPECHE: Ejido Cristóbal Colón	26-Jan-00	PSM
Anaea troglodyta aidea	CAMPECHE: 24 km N X-Pujil, Entrada a "El Papagayo"	27-Jan-00	PSM
Anaea troglodyta aidea	CAMPECHE: Camino campamento Santa Rosa, 10 km de El Refugi	28-Jan-00	PSM
Anaea troglodyta aidea	CAMPECHE: Zona arqueológica Calakmul	28-Mar-03	ASW
Anaea troglodyta aidea	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
Consul electra	CAMPECHE: Ejido Nuevo Becal Pueblo	23-Jan-00	PSM
Consul electra	CAMPECHE: Brecha a Flores Magón, El Papagayo	25-Jan-00	PSM
Consul electra	CAMPECHE: Camino campamento Santa Rosa, 10 km de El Refugi	28-Jan-00	PSM
Consul electra	CAMPECHE: Dos Naciones	29-Jan-00	PSM
Consul electra	CAMPECHE: Zona arqueológica Calakmul	28-Mar-03	ASW
Fountainea eurypyle confusa	CAMPECHE: Ejido Nuevo Becal Pueblo	23-Jan-00	PSM
Fountainea eurypyle confusa	CAMPECHE: El Chorro, Ejido Nuevo Becal	23-Jan-00	PSM
Fountainea eurypyle confusa	CAMPECHE: Carretera a la Zona Arqueológica Calakmul	24-Jan-00	PSM
Fountainea eurypyle confusa	CAMPECHE: Ejido Narciso Mendoza	26-Jan-00	PSM
Fountainea eurypyle confusa	CAMPECHE: 24 km N X-Pujil, Entrada a "El Papagayo"	27-Jan-00	PSM
Fountainea eurypyle confusa	CAMPECHE: Camino campamento Santa Rosa, 10 km de El Refugi	28-Jan-00	PSM
Fountainea eurypyle confusa	CAMPECHE: Dos Naciones	29-Jan-00	PSM
Memphis pithyusa	CAMPECHE: Zona arqueológica Calakmul	28-Mar-03	ASW
Memphis pithyusa	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
Memphis pithyusa	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
Memphis forreri	CAMPECHE: Zona arqueológica Calakmul	28-Mar-03	ASW
Memphis phila boisduvali	CAMPECHE: Brecha a Flores Magón, El Papagayo	25-Jan-00	PSM

<i>Memphis phila boisduvali</i>	CAMPECHE: Ejido Narciso Mendoza	26-Jan-00	PSM
<i>Memphis phila boisduvali</i>	CAMPECHE: 24 km N X-Pujil, Entrada a "El Papagayo"	27-Jan-00	PSM
<i>Memphis phila boisduvali</i>	CAMPECHE: Dos Naciones	29-Jan-00	PSM
<i>Memphis phila boisduvali</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Morpho peleides montezuma</i>	CAMPECHE: Carretera a la Zona Arqueológica Calakmul	24-Jan-00	PSM
<i>Morpho peleides montezuma</i>	CAMPECHE: Ejido Narciso Mendoza	26-Jan-00	PSM
<i>Morpho peleides montezuma</i>	CAMPECHE: 24 km N X-Pujil, Entrada a "El Papagayo"	27-Jan-00	PSM
<i>Morpho peleides montezuma</i>	CAMPECHE: Camino campamento Santa Rosa, 10 km de El Refugi	28-Jan-00	PSM
<i>Morpho peleides montezuma</i>	CAMPECHE: Brecha a Flores Magón	27-Mar-03	ASW
<i>Morpho peleides montezuma</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Opsiphanes invirae fabricii</i>	CAMPECHE: Ejido Nuevo Becal Pueblo	23-Jan-00	PSM
<i>Caligo prometheus memnon</i>	CAMPECHE: Brecha a Flores Magón	27-Mar-03	ASW
<i>Siderone syntiche</i>	CAMPECHE: Ejido Nuevo Becal Pueblo	23-Jan-00	PSM
<i>Hermeuptychia hermes</i>	CAMPECHE: Brecha a Flores Magón	27-Mar-03	ASW
<i>Hermeuptychia hermes</i>	CAMPECHE: Zona Arqueológica Calakmul	28-Mar-03	ASW
<i>Hermeuptychia hermes</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
<i>Hermeuptychia hermes</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW
<i>Hermeuptychia hermes</i>	CAMPECHE: 2 km W of X-Pujil	30-Mar-03	ASW
<i>Magneuptychia libye</i>	CAMPECHE: Brecha a Flores Magón	27-Mar-03	ASW
<i>Pareuptychia occirhoe</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
<i>Pareuptychia binocula metaleuca</i>	CAMPECHE: Dos Naciones	29-Jan-00	PSM
<i>Pareuptychia binocula metaleuca</i>	CAMPECHE: Brecha a Flores Magón	27-Mar-03	ASW
<i>Yphtimoides renata disaffecta</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	23-Jan-00	PSM
<i>Yphtimoides renata disaffecta</i>	CAMPECHE: Brecha a Flores Magón, El Papagayo	25-Jan-00	PSM
<i>Yphtimoides renata disaffecta</i>	CAMPECHE: Brecha a Flores Magón	27-Mar-03	ASW
<i>Nessaea aglaura</i>	CAMPECHE: Carretera a la Zona Arqueológica Calakmul	24-Jan-00	PSM
<i>Nessaea aglaura</i>	CAMPECHE: Camino campamento Santa Rosa, 10 km de El Refugi	28-Jan-00	PSM
<i>Danaus plexippus</i>	CAMPECHE: Ejido Cristóbal Colón	26-Jan-00	PSM
<i>Danaus plexippus</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
<i>Danaus gilippus thersippus</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	23-Jan-00	PSM
<i>Danaus gilippus thersippus</i>	CAMPECHE: Ejido Cristóbal Colón	26-Jan-00	PSM
<i>Danaus gilippus thersippus</i>	CAMPECHE: Dos Naciones	29-Jan-00	PSM
<i>Danaus gilippus thersippus</i>	CAMPECHE: El Chorro, Ejido Nuevo Becal	29-Mar-03	ASW
<i>Danaus gilippus thersippus</i>	CAMPECHE: Zona Arqueológica Nadzcaan	30-Mar-03	ASW

DISTRITO FEDERAL

Eneida Montesinos Patiño, Iván Cienega Guzmán, Lorena Zavala Ortega, Felipe García Suárez and José Luis Salinas Gutiérrez (M/S) reported butterflies species from Sierra de Santa Catarina, Distrito Federal, Mexico, placed at 2000 m above sea level. With extreme coordinates 19:18:32 N and 98:59:34 W. *Senecio praecox* is the most abundant tree in this area. We found 14 species (Papilionidae 3, Pieridae 6, Nymphalidae 4, and Lycaenidae 1), 294 records, and the dates were collected between January 22 and 29, February 5, 12, 19 and 26, March 5, 12, 20 and 26, April 2, 16, 23 and 30, and May 16.

Butterflies

PAPILIONIDAE

<i>Papilio polyxenes asterius</i>	DISTRITO FEDERAL: Sierra de Santa Catarina	22-Jan-03	MCG
<i>Papilio multicaudatus</i> also 16 April	DISTRITO FEDERAL: Sierra de Santa Catarina	29-Jan-03	MCG
<i>Papilio garamas</i>	DISTRITO FEDERAL: Sierra de Santa Catarina	16-Apr-03	MCG

PIERIDAE

<i>Catasticta nimbice</i>	DISTRITO FEDERAL: Sierra de Santa Catarina	05-Feb-03	MCG
<i>Pontia protodice</i> recorded for every month during this period	DISTRITO FEDERAL: Sierra de Santa Catarina	22-Jan-03 - 16-May-03	MCG
<i>Zerene cesonia</i> also 5-12 Feb & 23 April	DISTRITO FEDERAL: Sierra de Santa Catarina	22-Jan-03	MCG
<i>Eurema mexicanum</i> also 23-30 April	DISTRITO FEDERAL: Sierra de Santa Catarina	05-Feb-03	MCG
<i>Nathalis iole</i> recorded for every month during this period	DISTRITO FEDERAL: Sierra de Santa Catarina	22-Jan-03 - 23-Apr-03	MCG
<i>Leptopobia aripa elodia</i>	DISTRITO FEDERAL: Sierra de Santa Catarina	29-Jan-03	MCG

NYMPHALIDAE

<i>Dione moneta poeyi</i>	DISTRITO FEDERAL: Sierra de Santa Catarina	22-Jan-03 - 05-Feb-03	MCG
<i>Vanessa virginiensis</i>	DISTRITO FEDERAL: Sierra de Santa Catarina	12-Mar-03	MCG
<i>Junonia coenia</i>	DISTRITO FEDERAL: Sierra de Santa Catarina	16-May-03	MCG
<i>Anthanassa texana</i> also 16 May	DISTRITO FEDERAL: Sierra de Santa Catarina	29-Jan-03	MCG

QUINTANA ROO

Butterflies

HESPERIIDAE

<i>Polygonus savigny</i>	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
<i>Aguna asander</i>	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
<i>Zera hyacinthinus</i>	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
<i>Urbanus simplicius</i>	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
<i>Astraptes fulgerator azul</i>	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
<i>Astraptes egregius</i>	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
<i>Nisoniades godma</i>	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
<i>Staphylus n. sp.</i>	QUINTANA ROO: cerca de zona arqueológica Oxtankah	31-Mar-03 - 03-Apr-03	ASW
<i>Gorgythion n. sp.</i>	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
<i>Xenophanes tryxus</i>	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
<i>Antigonus erosus</i>	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
<i>Antigonus nearchus</i>	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
<i>Systasea pulverulenta</i>	QUINTANA ROO: cerca de zona arqueológica Oxtankah	31-Mar-03 - 03-Apr-03	ASW
<i>Grais stigmatica</i>	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
<i>Pyrgus adepta</i>	QUINTANA ROO: cerca de zona arqueológica Oxtankah	31-Mar-03 - 03-Apr-03	ASW
<i>Pyrgus oileus</i>	QUINTANA ROO: cerca de zona arqueológica Oxtankah	31-Mar-03 - 03-Apr-03	ASW
<i>Pyrgus oileus</i>	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
<i>Damas clavus</i>	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
<i>Lerema accius</i>	QUINTANA ROO: cerca de zona arqueológica Oxtankah	31-Mar-03 - 03-Apr-03	ASW
<i>Vettius fantasos</i>	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
<i>Atarnes sallei</i>	QUINTANA ROO: cerca de zona arqueológica Oxtankah	31-Mar-03 - 03-Apr-03	ASW

PAPILIONIDAE

<i>Parides iphidamas</i>	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
<i>Battus polydamas</i>	QUINTANA ROO: cerca de zona arqueológica Oxtankah	31-Mar-03 - 03-Apr-03	ASW
<i>Battus laodamas copanae</i>	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW

PIERIDAE

<i>Ascia monuste</i>	QUINTANA ROO: cerca de zona arqueológica Oxtankah	31-Mar-03 - 03-Apr-03	ASW
<i>Ganyra josephina josepha</i>	QUINTANA ROO: cerca de zona arqueológica Oxtankah	31-Mar-03 - 03-Apr-03	ASW
<i>Eurema lisa centralis</i>	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
<i>Eurema nise nelphe</i>	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
<i>Eurema dina westwoodi</i>	QUINTANA ROO: cerca de zona arqueológica Oxtankah	31-Mar-03 - 03-Apr-03	ASW
<i>Eurema daira eugenia</i>	QUINTANA ROO: cerca de zona arqueológica Oxtankah	31-Mar-03 - 03-Apr-03	ASW
<i>Eurema daira eugenia</i>	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
<i>Eurema boisduvalianum</i>	QUINTANA ROO: cerca de zona arqueológica Oxtankah	31-Mar-03 - 03-Apr-03	ASW
<i>Eurema boisduvalianum</i>	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
<i>Eurema albula celata</i>	QUINTANA ROO: cerca de zona arqueológica Oxtankah	31-Mar-03 - 03-Apr-03	ASW
<i>Eurema albula celata</i>	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
<i>Glutophrissa drusilla tenuis</i>	QUINTANA ROO: cerca de zona arqueológica Oxtankah	31-Mar-03 - 03-Apr-03	ASW
<i>Pieriballia viardi</i>	QUINTANA ROO: cerca de zona arqueológica Oxtankah	31-Mar-03 - 03-Apr-03	ASW

LYCAENIDAE

<i>Eumaeus toxea</i>	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
<i>Calycopis n. sp.</i>	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
<i>Arawacus jada</i>	QUINTANA ROO: cerca de zona arqueológica Oxtankah	31-Mar-03 - 03-Apr-03	ASW
<i>Arawacus sito</i>	QUINTANA ROO: cerca de zona arqueológica Oxtankah	31-Mar-03 - 03-Apr-03	ASW
<i>Rekoa palegon</i>	QUINTANA ROO: cerca de zona arqueológica Oxtankah	31-Mar-03 - 03-Apr-03	ASW
<i>Rekoa n. sp.</i>	QUINTANA ROO: cerca de zona arqueológica Oxtankah	31-Mar-03 - 03-Apr-03	ASW
<i>Strymon istapa</i>	QUINTANA ROO: cerca de zona arqueológica Oxtankah	31-Mar-03 - 03-Apr-03	ASW
<i>Electrostrymon n. sp.</i>	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
<i>Leptotes cassius striata</i>	QUINTANA ROO: cerca de zona arqueológica Oxtankah	31-Mar-03 - 03-Apr-03	ASW
<i>Leptotes cassius striata</i>	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
<i>Hemiargus ceraunus</i>	QUINTANA ROO: cerca de zona arqueológica Oxtankah	31-Mar-03 - 03-Apr-03	ASW
<i>Everes comyntas</i>	QUINTANA ROO: cerca de zona arqueológica Oxtankah	31-Mar-03 - 03-Apr-03	ASW
<i>Everes comyntas</i>	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
<i>Juditha molpe</i>	QUINTANA ROO: cerca de zona arqueológica Oxtankah	31-Mar-03 - 03-Apr-03	ASW
<i>Juditha molpe</i>	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW

RIODINIDAE

<i>Emesis mandana</i>	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
-----------------------	--	-----------	-----

NYMPHALIDAE

<i>Dryadula phaetusa</i>	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
<i>Heliconius charitonius vazquezae</i>	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
<i>Heliconius erato petiveranus</i>	QUINTANA ROO: cerca de zona arqueológica Oxtankah	31-Mar-03 - 03-Apr-03	ASW
<i>Heliconius erato petiveranus</i>	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW

Siproeta stelenes biplagiata	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
Phyciodes tulcis	QUINTANA ROO: cerca de zona arqueológica Oxtankah	31-Mar-03 - 03-Apr-03	ASW
Cissia pseudoconfusa	QUINTANA ROO: cerca de Zona Arqueológica Oxtankah	31-Mar-03 - 03-Apr-03	ASW
Cissia pompilia	QUINTANA ROO: cerca de Zona Arqueológica Oxtankah	31-Mar-03 - 03-Apr-03	ASW
Cissia pompilia	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
Adelpha serpa massilia	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
Dynamine postverta mexicana	QUINTANA ROO: cerca de zona arqueológica Oxtankah	31-Mar-03 - 03-Apr-03	ASW
Mestra amymone	QUINTANA ROO: cerca de zona arqueológica Oxtankah	31-Mar-03 - 03-Apr-03	ASW
Biblis hyperia aganisa	QUINTANA ROO: cerca de zona arqueológica Oxtankah	31-Mar-03 - 03-Apr-03	ASW
Hamadryas feronia farinulenta	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
Hamadryas februa ferentina	QUINTANA ROO: cerca de zona arqueológica Oxtankah	31-Mar-03 - 03-Apr-03	ASW
Hamadryas februa ferentina	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
Nica flavilla	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
Colobura dirce	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
Archaeoprepona demophon centralis	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
Archaeoprepona demophon gulina	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
Consul electra	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
Memphis phila boisduvali	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
Caligo prometheus memnon	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
Caligo atreus uranus	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
Siderone syntiche	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
Hermeuptychia hermes	QUINTANA ROO: cerca de Zona Arqueológica Oxtankah	31-Mar-03 - 03-Apr-03	ASW
Hermeuptychia hermes	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
Pareuptychia ocirrhoe	QUINTANA ROO: cerca de zona arqueológica Oxtankah	31-Mar-03 - 03-Apr-03	ASW
Pareuptychia binocula metaleuca	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
Nessaea aglaura	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW
Danaus gilippus thersippus	QUINTANA ROO: San Felipe Bacalar, 10 km W of Bacalar	02-Apr-03	ASW

Abbreviation

bl =black (ultraviolet) light

cpgd =campground

FR =fire road

leg =collected by

mtn(s) =mountain(s)

NM =National Monument

NWR =National Wildlife Refuge

PP =Provincial Park

SHP =State Historical Park

SRA =State Recreation Area

vic =vicinity

WPA =Waterfowl Production Area

Co =County

CR =County Road

jct =junction of roadways

mi =miles

NF =National Forest

NP =National Park

PA =picnic area

SF =State Forest

SP =State Park

SWA =State Wildlife Area

WA =Wildlife Area

CP =County Park

FGA =Fish & Game Area

km =kilometers

mm =mile marker

NG =National Grassland

nr =near

PF =Provincial Forest

SGA =State Game Area

SR =State Road

Twp =Township

WMA =Wildlife Management Area

**New County or Regional records are designated in capital letters,
i.e. TETON: 4 mi SW of Victor or CAMPECHE: Aquada Chavela**

Season Summary Zone Coordinators

Chief Season Summary Coordinator and Editor

Jim Tuttle

8820 North Mesquite Bluffs Pl., Tucson, Arizona 85742-4522
(520) 749-1806 (home), tuttlejames@comcast.net

Zone 1, The Far North:

Alaska, Northwest Territories, Nunavut, Yukon Territory

Kenelm W. Philip
Institute of Arctic Biology
University of Alaska
P.O. Box 75700
Fairbanks, AK 99775-7000
(907) 479-2689
finkup@aurora.alaska.edu

Zone 2, The Pacific Northwest:

British Columbia, Idaho, Oregon, Washington

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

Zone 3, Hawaii and the Southwest:

Arizona, California, Hawaii, Nevada

Ken Davenport
6601 Eucalyptus Dr., #325
Bakersfield, CA 93306-6856
(805)366-3074 (home)
flutterflies@juno.com

Zone 4, The Rocky Mtns:

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

Ray E. Stanford
720 Fairfax Street
Denver, CO 80220-5151
(303) 377-1332
ray.stanford@stanfordalumni.org

Zone 5, The Great Plains:

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

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

Zone 6, Texas:

Texas

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

Zone 7, Ontario, Quebec

Jeff Crolla
2-642 Dovercourt Rd.,
Toronto, Ontario, Canada
M6H 2W6
(416) 533-2267
jeff@primus.ca

Zone 8, The Midwest:

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

Leslie A. Ferge
7119 Hubbard Avenue
Middleton, Wisconsin, 53562-3231
(608) 836-9438
ferge@chorus.net

Zone 9, The Southeast:

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

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

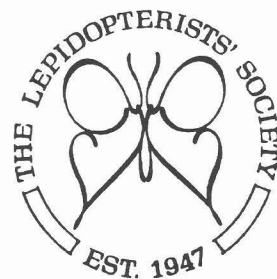
Zone 10, The Northeast:

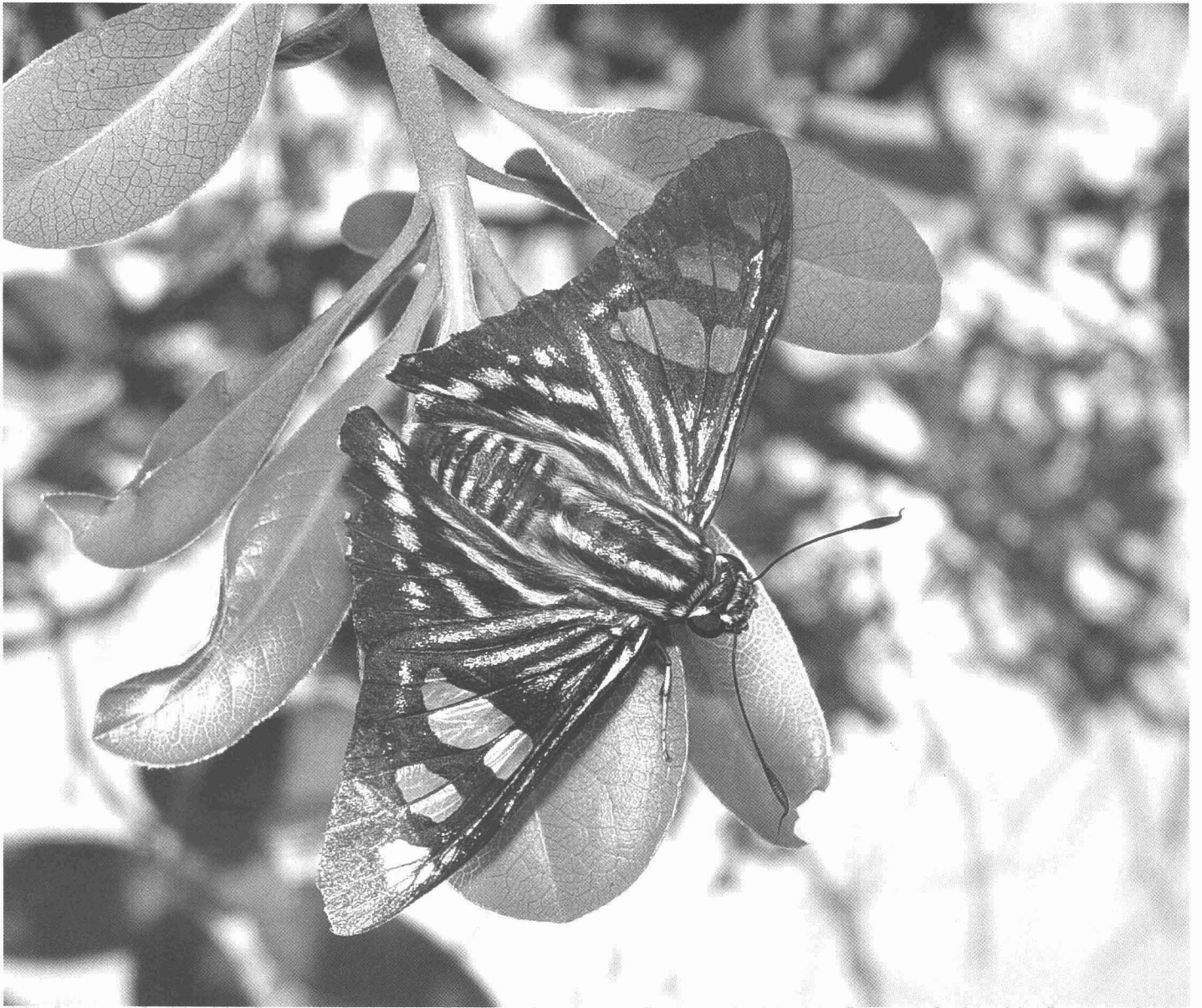
Maryland, New York, Pennsylvania, the New England states and the Maritime provinces

Mark J. Mello
c/o Lloyd Center,
430 Potomska Rd.,
Dartmouth, MA 02748
mothman@attbi.com

Zone 11, Mexico & the Caribbean:

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





Above: *Phocides belus*, Bensten-Rio Grande State Park, Hidalgo Co., TX, 13th April 2003. Photo by David J. Hanson.



Left: *Achlyodes pallida*, Mission, Hidalgo Co., TX, 14th November 2003. Photo by Jan Dauphin.

2003 Season Summary

Volume 46

Supplement S1

2004

