A VISIT TO KENTUCKY
BY EDWARD DOUBLEDAY

John V. Calhoun

The English entomologist, Edward Doubleday (1810-1859), and a companion, Robert Foster, toured much of the eastern United States in 1837 and 1838 (Doubleday, 1838, Communications on the Natural History of North America, Entomological Magazine 5: 21-34, 199-206, 269-300, 402-407, 409-417). During their visit to North America, they collected insects at many locations, including Kentucky. Their research provided some of the earliest lepidoptera records from Kentucky and elsewhere. Specimens collected during their trip, some of which may be Kentucky material, still exist in the British Museum (Natural History).

In September, 1837, Doubleday disembarked the Ohio River boat "Burlington" at Cincinnati and explored the surrounding countryside. Across the Ohio River, he described what he saw as "the green wooded hills and beautiful pastures of Kentucky". Doubleday related his Kentucky visit as follows:

"My first excursion was to the shore of the Ohio. I crossed the ferry, and strolled along the shore to where Mr. Bullock once lived; then I turned off by a little brook into the woods. The trees were large: one hundred feet high, and eighteen feet in circumference, was the size of the majority. There was no brush-wood; but in the open spaces there grew a great abundance of Veronica proelata; I am not sure that is the right specific name: on its flowers were swarms of D. archippus [Danaus plexippus], and some few Cynthia huntera [Vanessa virginiensis] ... Almost all the insects I took at Cincinnati were captured in this one walk".

Since Doubleday was on foot, the area he visited is undoubtedly within Kenton or Campbell County, Kentucky.

Doubleday also visited Louisville where he noted that "many butterflies were also out". He was somewhat disappointed that he had arrived in this region so late in the year and remarked, "I left Trenton [New Jersey] towards the end of August, to proceed towards the west. In one respect I erred; the main body of butterflies had not appeared at Trenton, but when I reached a warmer latitude many species were over".

Doubleday's writings remind us that we are by no means the first to explore this region of the country. Although recent work has revealed much about the Lepidoptera of Kentucky, the first specimens were collected over 150 years ago.
ADDITIONS TO THE KENTUCKY FAUNAL LIST

C. V. Covell, Jr.

The Kentucky list of Lepidoptera now stands at 2,234 species. The following records have recently been added.

✓ Dyseriocrania auricyanea (Wlsm.)
  ERIOCRANIIDAE 9852

✓ Caloptilia cornusella (Ely) (sp. near)
  GRACILLARIIDAE 9356


✓ Argyresthia alternatella (Kearfott)
  ARGYSERTHIIDAE 8882

✓ Argyresthia oreasella (Clemens)
  ARGYSERTHIIDAE 8893

✓ Endothenia impudens (Walsm.)
  TORTRICIDAE 6632
  Menifee Co., Red River Gorge, August 25, 1984, L. D. Gibson. This species has also been taken in Owsley Co. (July by Gibson) and Powell Co. (Sept. by J. S. Nordin).

✓ Olethreutes troglodana (McD.)
  TORTRICIDAE 6703

✓ Olethreutes ferroleinea (Wlk.)
  TORTRICIDAE 6722
  Whitley Co., Goldbug, June 6, 1981, C. V. Covell, Jr. Gibson has taken this species during May in Boone Co. and A. J. Brownell took it April-June at Bernheim Forest in Bullitt Co.

✓ Epinotia xandana (Kft.)
  TORTRICIDAE 7120

✓ Epinotia nonana (Kft.)
  TORTRICIDAE 7159

✓ Semothinha minorata (Pack.)
  GEOGETRIDAE 4670

✓ Orthofidonia tinctaria (Wlk.)
  GEOGETRIDAE 4805

✓ Symmerista canicosta (Franclemont)
  NOTODONTIDAE 3859,2

✓ Symmerista leucytys (Franclemont)
  NOTODONTIDAE 3859,1
Halysidota harrisii (Walsh)  
ARCTIIDAE  985  
8304

Jefferson Co., Anchorage, May 23, 1951,  
B. L. Monroe, Det. Eric Metzler.

✓ Xyppa xylinoides (Gn.)  
NOCTUIDAE  2607  
9578


NOTE: Phoneta imbricata (Fern.) has  
been removed from the Kentucky list.

OHIO MOTH AND BUTTERFLY  
CONSERVATION CONFERENCE

David K. Parshall

The Ohio Moth and Butterfly Conservation Conference is scheduled for  
the weekend of August 19-20, 1989 in  
Lake County, Ohio at Lakeland Community College. Lakeland Community College is  
just east of Cleveland, Ohio on the  
shores of Lake Erie. The purposes of  
the conference are: 1) to educate  
local, state, federal and private land  
managers, public educators and the  
interested public on moths and  
butterflies; and 2) the use of proper  
management techniques to maximize native  
species diversity and how to manage  
habitat for moths and butterflies. In  
organizing the conference, it is  
believed that habitat management for  
moths and butterflies is generally  
overlooked by land managers due to a  
lack of awareness of these species,  
their identity, where they are, their  
habitat requirements and proper habitat  
management. Members of the Ohio  
Lepidopterists and recognized experts  
from out of state will be on the agenda.

Paul Opler and Ron Panzer, national  
leaders in Lepidoptera conservation,  
have agreed to participate with this all  
important conference to educate land  
managers on the need for butterfly and  
moth conservation efforts. Important  
agenda topics will be: Why Protect  
Lepidoptera; Conservation of Wetland  
Lepidoptera; Preserve Design and  
Management; Management of Lepidoptera  
on Public Lands; Management of Old  
Fields; Butterfly Gardening; The Ohio  
Survey of Lepidoptera; and others. The  
conference is sponsored by a grant from  
the Ohio Department of Natural  
Resources Division of Wildlife Non-game  
Species Program to the Nature  
Conservancy. The Ohio Lepidopterists  
are cooperating with the planning and  
implementation of the conference.

Entomologists, Lepidopterists and  
Naturalists alike often participate in  
discussions raising concern about the  
continued loss of habitat, and we often  
wonder what managers of public land are  
doing to protect, preserve and  
encourage moth and butterfly habitat.  
This is an excellent opportunity for  
interested and concerned persons to get  
together with land managers to explain  
our mutual concerns on these important  
topics. Plan now to attend and  
represent our common interests.

To obtain detailed conference  
information, contact Larry Smith at the  
Ohio Field Office of the Nature  
Conservancy, 1504 W. 1st Ave.,  
Columbus, Ohio 43212. (614) 486-6789.

JUNE FIELD TRIP REPORT (XERCESE COUNT)  

C. V. Covell, Jr.

[I included Charlie Covell's field  
notes as an excellent example of how we  
should all record our field  
experiences. - Editor]

June 17. Sunny and clear in the  
morning, clouding from noon until  
mostly cloudy by 3 PM. High, 77; low  
51 (Louisville Standiford Airport  
oficial weather statistics). Slightly  
breezy through day. I began Xerces  
Soc. butterfly count on Old Zaring Road  
at Brownsboro where the gravel company  
access road crosses it, and ended in  
the back part of the Horner Wildlife  
Sanctuary, just over 2 miles total  
distance. Troy and Nathan Payne joined
me a little past 10:30 AM, but I began my survey at 9:50 and ended it at 3:50 PM. I spent periods of time at the back of the abandoned rock quarry, in the woods on right just past quarry dip in road, in fields on left (cut over and overgrown field beyond, inside gate, around observatory, and along cut paths beyond abandoned farm buildings in Horner Reserve. The Paynes went to the lower pond, and collected at sites at the quarry and near the farm gate.

Flowers in bloom included ox-eye daisy, daisy fleabane, white and yellow sweet clover, red clover (a few plants seen), elderberry, Queen Anne's lace, honeysuckle, sourgum, wild hydrangea, dogbane, wild chickory, escaped crown vetch, and the milkweeds Asclepias tuberosa and A. syriaca, (both just coming into flower).

Butterflies recorded, with numbers counted by the Paynes and myself were as follows:

<table>
<thead>
<tr>
<th>Species</th>
<th>Covell</th>
<th>Paynes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Epargyreus clarus</td>
<td>14</td>
<td>7</td>
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<tr>
<td>Achalarus lyciades</td>
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<td>Thorybes bathyllus</td>
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<tr>
<td>Thorybes pylades</td>
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<td>Staphylus hayhurstii</td>
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<td>Polites peckius</td>
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<td>2</td>
</tr>
<tr>
<td>P. themistocles</td>
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<td>3</td>
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<tr>
<td>Wallengrenia egeremet</td>
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<td>0</td>
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<tr>
<td>Atrytone logan</td>
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<td>1</td>
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<tr>
<td>Poanes zabuon</td>
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<td>0</td>
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<tr>
<td>Euphyes vestris metacomet</td>
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<td>Battus philenor</td>
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<td>Eurytides marcellus</td>
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<td>P. polyxenes asterius</td>
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<td>Papilio glaucus</td>
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<td>P. troilus</td>
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<td>Pieris rapae</td>
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<td>Colias philodice</td>
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<tr>
<td>C. eurytheme</td>
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<td>Harkencnexus titus mopsus</td>
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<td>Satyrium edwardsii</td>
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<td>Everes comynas</td>
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<td>Celastrina ladon</td>
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<td>Euptoieta claudia</td>
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<td>Speyeria cybele</td>
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<td>48</td>
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<tr>
<td>Charidryas nycteis</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

Species          Covell  Paynes
Phyciodes tharsor  4      7
Polygonia comma     2      0
P. interrogationis  0      4
Nymphalis antiopa   4      7
Vanessa atalanta    4      5
Asterocampa celtis  10     7
A. clyton           1      0
Megisto cymela      33     23

34 species  (Total) 251  193

Moths taken or identified: Eugonobapta nivosaria, Busarca confusa and Scopula limboundata (Geometridae); Acontia aprica (Noctuidae); Cisseps fulvicollis and Cynia tenera (Arctiidae); Hemaris diffinis (Sphingidae); bags of Thyridopteryx ephemeraeformis on various trees. No larvae.

Nectaring notes: Wallengrenia egeremet on Queen Anne's lace; S. cybele on A. tuberosa and A. syriaca; S. edwardsii on ox-eye daisy, A. tuberosa and Apocynum cannibum; C. ladon (3 individuals) on Apocynum cannibum; P. glaucus male on crown vetch. Generally lower numbers than expected, possibly because of rainy and cloudy weather the previous five days.

NEWS AND NOTES FROM THE SECRETARY-TREASURER

C. V. Covell, Jr.

We are saddened to hear that Brett Barrett, 29, was killed April 25, 1989, near his home in Coral Gables, FL, in an automobile accident. Brett, formerly of Alvaton, KY, had been a member of our Society for many years. We extend our heartfelt sympathy to his parents.

I spent a very enjoyable ten days of collecting with members Tom Emmel, Larry Hummer, Lee Guidry, and 18 others in the Yungas region of Bolivia, May 20-29. We did a little high-altitude collecting, but concentrated mostly on areas near Puente Villa and Chulumani.
in the range of 4,000-5,000 ft. elevation. Hairstreaks were abundant, but most were a few common species. Riodinidae were in fairly good numbers, and there were moderate numbers of Pieridae, Nymphalidae, Acreididae, Satyridae, and Hesperiidae. Papilionidae were scarce. Moth collecting at night was fair, mostly medium-sized and small Geometridae, Arctiidae, Noctuidae, and Pyralidae. Weather was good, but the moon was full during our stay. We also enjoyed getting to know our local guide, Eduardo Forno, and saw his father's fine collection in La Paz.

The treasury of the Society contains $553.26. Many long-time members have still not paid 1989 dues. Please look below your address on this newsletter, and remit your $5 to me if you are not indicated as "pd89" or beyond. We need your support for newsletter costs and meeting speaker. The balance above includes $100 graciously donated by one of our members to the "Identification fund" I wrote of last issue. We are most grateful to Jim Merritt for this contribution, and have already sent more Tortricidae to Bill Miller for identification via Don Wright.

I spent a very enjoyable two nights with Ted Enterline outside Athens, OH, working on the Ohio Geometridae project, and collecting data from his collection and that of the Ohio University. I will be in NC, then Maine, from June 22 to July 11, giving a moth workshop to members John Peacock, Ken Helfgott, and a few others during July 2-8. I regret missing the Butterfly Week at the Nature Place in Colorado this year, but hope some of you have joined Tom Emmel and Boyce Drummond in participating in that most enjoyable learning and collecting opportunity.

I plan to attend the Annual Meeting of the Lepidopterists' Society in Albuquerque, NM, July 27-30. Hope some of you will come. Don't forget to bring a door prize donation if you are coming!

ANNUAL MEETING

The 16th ANNUAL MEETING will be held in Louisville, KY, on Friday and Saturday, Nov. 10-11, 1989. We will have our traditional PARTY at the Covells', 2333 Brighton Dr., from 8-11 PM on Friday, and open collection Saturday morning. The business meeting will be at 1 PM, followed by a featured speaker yet to be chosen. Informal presentations by members will follow, with door prize drawings ending the session. Those who wish will dine together at Masterson's restaurant. More details will appear in the next issue. Covell's phone numbers are: (502) 588-6771 (work) or (502) 456-6122 (home). Call for information as meeting time approaches. Plan now to attend!

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We have invited Dr. Don Harvey to speak at the annual meeting. Dr. Harvey is a renowned specialist on tropical metalmarks (Riodinidae). He is currently working on the higher order classification of this family at the National Museum of Natural History. We hope that Don will be able to join us in spite of his many commitments.

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NEW MEMBERS

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[Note: Pete and Betty Ann are establishing a butterfly farm to provide livestock worldwide. - Editor]

Troy Payne
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