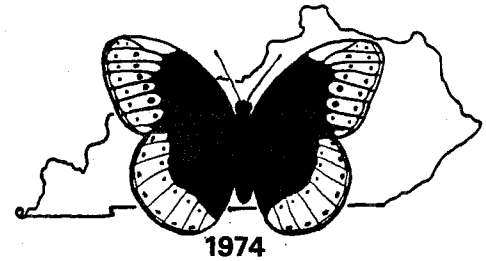


KENTUCKY LEPIDOPTERIST

NEWSLETTER OF

The Society of Kentucky Lepidopterists



VOL. 13, NO. 2

M. L. McInnis, Editor

March, 1987

1987 FIELD TRIP ANNOUNCEMENTS

At the 1986 Annual Meeting, considerable discussion focused upon the recent lack of member interest in field trip participation. This lack of interest was attributed to several factors. Chief among them was our tendency to repeatedly visit a limited number of study sites to survey the same species populations. While such an approach is extremely valuable from a scientific perspective, it does not provide the allure of encountering exciting new species in unexplored habitat. In order to heighten participation, we have broadened our field trip activities to include forays outside of Kentucky. We hope that these more distant trips will allow participation by members that are unable to attend our Kentucky field activities.

I hope that you find this revision of field trip format to be both exciting and enjoyable. Specifics on trips planned during 1987 are furnished below.

Trip 1

Date: April 10 or 11 Location:
Bullitt County, Kentucky

(Bearcamp Road location)

Target Species: Pieris virginiensis,
Anthocaris midea, Celastrina ebenina
(nigra), Incisalia henrici, and
Erynnis sp.

Dr. John Rawlins will be at the University of Louisville on April 10, 1987 to make a presentation in the Biology Department.

Details: Contact Dr. C. V. Covell
(502) 588-5942

Trip 2

Date: April 17-18

Location: Green Swamp Area,
Columbus/Brunswick County,
North Carolina

Target Species: Amblyscirtes carolina, A. reversa, A. alternata,
Atrytonopsis loammi, Hesperia metea,
Erynnis martialis, Thorybes confusus,
Pterourus palamedes, Mitoura hesseli,
and Incisalia irus.

I take full responsibility for any inconvenience precipitated by this field trip's proximity to Easter. Most members that have expressed an interest felt that the Easter weekend was ideal in that it provided a "long" weekend for this distant trip.

Leroy Koehn will be serving as our trip leader (commitments permitting). Leroy has extensive experience in this area (the Green Swamp) and we are grateful for his offer to share this knowledge with us.

We will plan on meeting at 0830 hours on Friday, April 17 and

Saturday, April 18 at the intersection of U.S. Highway 76 and State Road 211 immediately east of Bolton. A map is provided on page 5 of this newsletter. We will return to this intersection at 1200 hours each day to meet any late arrivals. Accommodations are plentiful with Lumberton, North Carolina, Wilmington, North Carolina and Myrtle Beach, South Carolina in proximity to the collecting areas. Should questions arise, I can be reached at (502) 627-2612 (office) or (812) 923-3242 (home).

Trip 3

Date: July 11-12 (tentative)
Location: Black Mountain,
Harlan County, Kentucky
Target Species: Erora laeta,
Speyeria diana, and Speyeria
aphrodite.
Details: Contact Loran Gibson
(606) 255-4515

This trip will allow our newer members to encounter some of the choice Appalachian species.

Trip 4

Date: Mid August
Location: Christian County
Kentucky
Target Species: Calephelis muticum,
Parrhasius m-album, Mitoura gryneus,
and Amblyscirtes belli.
Details: Next newsletter

AUTUMN COLLECTING ALONG THE OHIO RIVER

John V. Calhoun

A cool wind blows from the northwest as the leaves, orange, red, and yellow, drift from the trees to the ground. No mosquitoes, no biting flies. The smell of goldenrod is strong in the air. When these conditions occur, collectors are usually at home doing the last of

their yard work or spreading catches made earlier in the season. However, collecting butterflies during late summer and early fall can result in some unexpected captures.

In Ohio, nowhere is there a better place to visit during late August through early October than the floodplain of the Ohio River. In Kentucky this area should be equally inviting. White asters and tick-seed sunflowers line roadsides and blanket fields. Here, where nectar sources are abundant, are the butterflies.

Many species of butterflies move northward during late summer and early fall and they often follow major river valleys when doing so. Species common at the rivers' edge may not be found just a few hundred yards distant. Agricultural and even more developed areas within the floodplain of the Ohio River are usually flanked by neglected land which supports a wide range of "weed" species of plants. These very same "weeds" serve as excellent nectar sources. The edge of a soybean field of disturbed vacant lot where white asters grow may yield Pyrgus communis, Atalopedes campestris and Pontia protodice. These species are rare in Ohio but can be locally common along the river. Other species to look for include Euptoieta claudia, Precis coenia, Hylephila phyleus, Eurema lisa, Eurema nicippe, Phoebis sennae, and Nathalis iole.

Sometimes, species that are extremely rare in Ohio and in Kentucky turn up. For example, In October 1983, while collecting in Lawrence County, Ohio, I captured a specimen of Panoquina ocola while it nectared on asters only yards from the riverbank.

Many counties along the Ohio River in Ohio and Kentucky are not well known in terms of the butterflies which occur there. Late season collecting can result in the

capture of many new species for these counties. To me, the excitement lies in the prospects of what might be found on a visit to this area. You never know when the next trip will lead to a state record skipper or your first Zerene cesonia. Give it a try, you don't know what you are missing!

ADDITIONS TO THE KENTUCKY FAUNAL LIST

Charlie Covell has provided an update on the Kentucky Faunal List which now includes 2,180 species. Recent additions are listed below, with pertinent data.

Gnorimoschema gallaeasterella
(Kellicott) GELECHIIDAE 8156
1985

Red River Gorge, Menifee County, northeast of Slade on Road 9A, Indian Creek, September 7-8 and 21-22, 1984, J. S. Nordin, det. R. W. Hodges.

Anacamptis fullonella (Zell.)
GELECHIIDAE 8263
2236

Fulton County, 2-5 miles east of Cayce, and Williams Road 2 miles east of Cayce; September 6 (first specimen) and 7 (second), 1985, L. D. Gibson, det. R. Hodges, 1986.

Olethreutes astrologana (Zell.)
TORTRICIDAE 6721
2837

Records by A. J. Brownell, C. Cornett, C. V. Covell, and J. S. Nordin from Bullitt, Oldham, Leslie and Menifee Counties. Capture dates range from May 26 through June 19.

Olethreutes coruscana (Clem.)
TORTRICIDAE 6722
2838

Captures by Brownell during April and May in Bullitt County and

Covell during early June in Whitley County.

Notocelia trimaculana (Haw.)
TORTRICIDAE 7033,1
3208

Horner Wildlife Sanct., Oldham County, June 7, 1984, C. V. Covell, Jr.

Epinotia lindana (Fernald)
TORTRICIDAE 7172
3351

Red River Gorge, Menifee County, Road 9b, Indian East Fork, Kelley Branch, October 12-13, 1985, J. S. Nordin.

Cydia gallaesaliciana (Riley)
TORTRICIDAE 7287
3479

Owsley County, 3 miles northeast of Booneville, May 28, 1984, L. D. Gibson, det. Hodges (or Clarke).

Epithecia fletcherata (Taylor)
GEOMETRIDAE 4280
7491

Red River Gorge, Menifee County, April 4, 1986, L. D. Gibson, det. Klaus Bolte.

Papaipema unimoda (Sm.)
NOLTUIDAE 2516
9509

Red River Gorge, Menifee County, Route 9b, Indian East Fork, Kelley Branch, October 12-13, 1985, J. S. Nordin, det. Eric Metzler.

Properigea costa (Barnes & Benj.)
NOCTUIDAE 2636
9589

Woodford County, 1 mile west of Highway 68, May 25, 1985, J. S. Nordin, det. John Rawlins. This is a western moth that has been recently recorded widely in eastern states and Ontario.

NEWS AND NOTICES

Workshop Postponed

Our inaugural workshop featuring Dr. Jacqueline Miller has been postponed. The workshop will be conducted as an addition to the 1987 Annual Meeting on November 21-22, 1987. A description of anticipated workshop topics is detailed in the last issue of this newsletter. This promises to be an exciting meeting/workshop. Mark your calendars.

Maryland Entomological Society

The 121st regular monthly meeting of the Maryland Entomological Society (MES) was convened on February 19, 1987. The featured speaker was David Flaim of the University of Maryland, Baltimore County. David wrote his M.S. thesis at the University of Louisville with Dr. C. V. Covell. His presentation was entitled "Taxonomy and Biology of Noctuid Moths".

Those of you that are interested in learning more about the Maryland Entomological Society, can contact:

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NEW MEMBERS

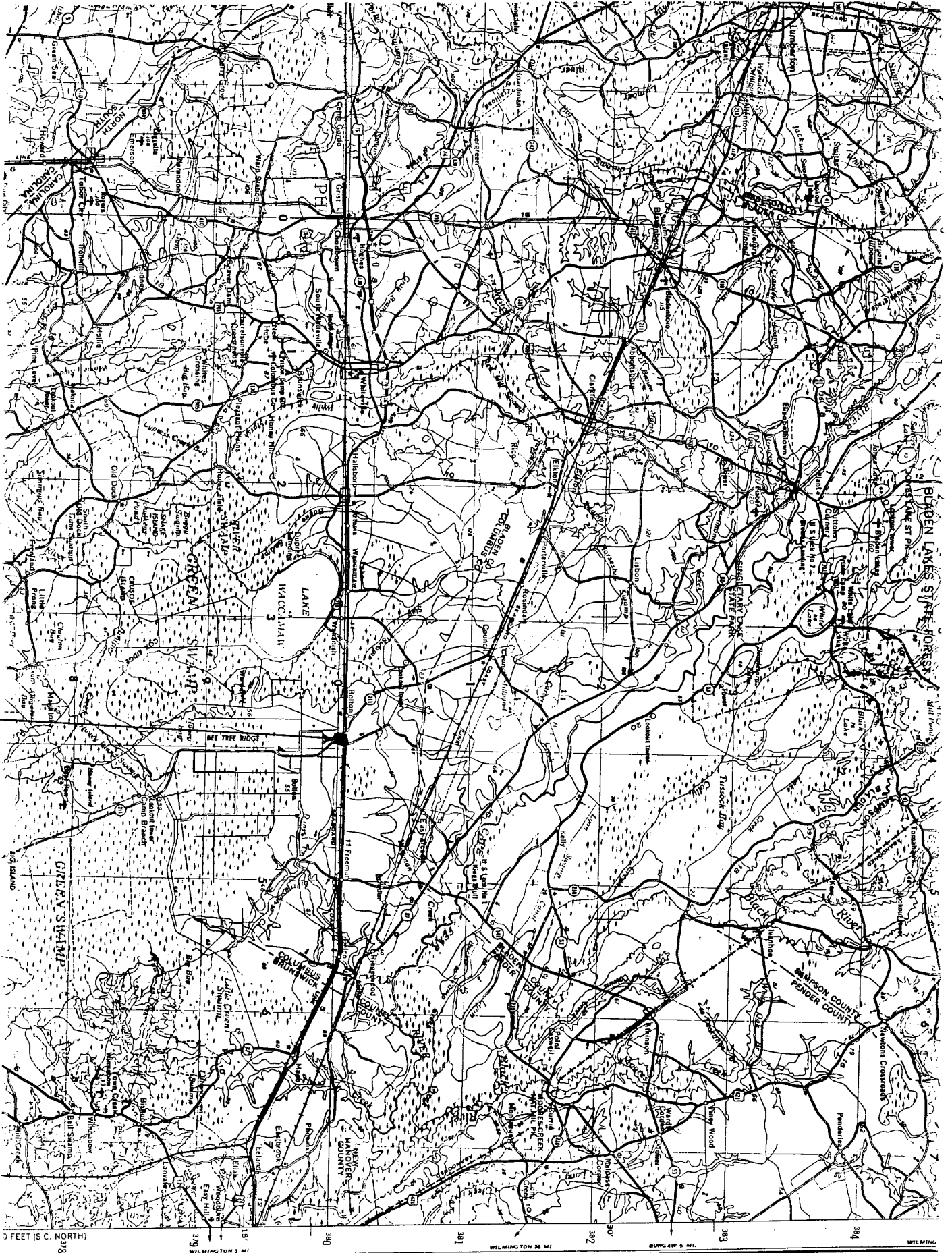
Dr. Richard L. Brown
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(Richard's interests include systematics of Tortricidae, evolution of behavior in Lepidoptera, and general collecting of moths.)

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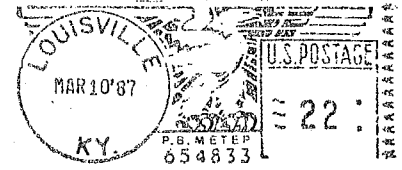
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Meeting Place

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