

Additional Notes on Indiana Psocoptera

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Since publication of my paper on Indiana psocids (1950), seven species have been added to the State list, raising the total to 64. Also several other records of interest have been obtained. Names preceded by an asterisk are those of species new to the State.

FAMILY LEPIDOPSOCIDAE

**Lepolepsis occidentalis* Mockford

Indiana records of this species are listed with the description (Mockford, in press).

FAMILY TROCTIDEA (=Liposcelidae)

Embiodopsocus needhami (Enderlein)

Two males of this species were taken together with females at Bloomington, June 24, 1951, under loose bark of dead pines. These males are wingless and are much smaller and paler than the females. They measure 1.20 and 1.26 mm. in body length respectively, while accompanying females vary from 1.88 to 2.10 mm.

FAMILY PSOCATROPIDAE

Psyllipsocus ramburii Selys-Longchamps

A macropterous specimen of this insect was taken in a cellar at Indianapolis, July 20, 1945.

FAMILY CAECILIIDAE

**Caecilius manterae* Sommerman

This species was first taken in Indiana at Bacon's Swamp, Indianapolis, September 7, 1951, where I found a female and six nymphs in a clump of dry cattails.

**Caecilius posticus* Banks

Specimens have been taken at two Indiana localities: Bloomington VII/4/51 (ground litter in Sassareas grove) macropterous ♀; Dunes State Park IX/6/52 (ground litter in Oak woods on dune) 5♂, 3 micropterous ♀, 2N.

**Caecilius sommermanae* Mockford

This species was not distinguished in my first paper from *C. auran-tiacus*. Indiana records are listed with the description (Mockford, in press).

FAMILY PERIPSOCIDAE

Ectopsocus californicus (Banks)

Sixteen *E. californicus* females were taken in dry leaves at Bloomington, July 11, 1951. Prior to this record only two specimens had been collected in the State.

FAMILY PHILOTARSIDAE

Aaroniella maculosa (Aaron)

This insect has been found at a second Indiana locality: Eagle Crest Forest Preserve (Marion Co.) VII/31/52 (on bark of Oak trunk) ♂, 17♀.

FAMILY MESOPSOCIDAE

Mesopsocus sp. nr. *unipunctatus*

This is the species listed in my first paper as *Mesopsocus? immunis* (Stephens). The question mark was misplaced and should have followed the specific name. The species has subsequently been redetermined to be a form near *unipunctatus*.

FAMILY ELIPSOCIDAE

**Reuterella* sp.

Numerous nymphs of this psocid were found on the trunk of a large beech tree in a solution valley at Turkey Run State Park, September 14 and 15, 1951. They inhabited small, dense webs spun on open bark or in heavy lichens. I returned to the spot a week later hoping to find adults, but still only nymphs could be found. Several of these were reared, and six adults were obtained (2♂, 4♀), the first of which matured on October 15. The species is close to the European *R. helvimacula* End., but it has not yet been possible to obtain specimens of the latter for comparison. Dr. Sommerman writes (*in litt.*) that she has taken specimens of a *Reuterella* at an Illinois locality. I am aware of no previous published records of this genus from North America.

FAMILY PSOCIDAE

Psocus floridanus Banks

The second Indiana record is from the same locality as the first: Dunes State Park IX/5/52 (Oak trunks on 2nd dunal ridge from Lake Michigan) 3♂, 2♀.

Psocus lichenatus Walsh

The second specimen from Indiana is from the same locality as the first: Turkey Run State Park IX/14/51 (trunk of large Maple) ♀.

**Trichadenotecnum slossonae* (Banks)

A single male was taken on a Red Maple trunk in a low woods at Dunes State Park, September 6, 1952.

**Trichadenotecnum unum* Sommerman

A single dead female was beaten from a Hemlock at Turkey Run State Park, September 14, 1951.

Blastopsocus variabilis (Aaron)

This species has been taken at several additional Indiana localities: Dunes State Park VII/15/50 (Cottonwood trunk) ♀; Yellowwood Lake X/15/50 ♀; Marion Co., south county line rd. one mi. west of State Hgwy. 135 IX/8/51 (dead branches in woodlot) ♂.

Literature Cited

1. MOCKFORD, EDWARD L. 1950. The Psocoptera of Indiana. Proc. Ind. Ac. Sci. 60:194-204.
2. ————. In press. Notes on some Eastern North American Psocids with Descriptions of Two New Species. Am. Midl. Nat.