

Oklahoma Riffle Beetles (Coleoptera: Dryopoidea). III.
Additional State and County Records

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Since publication of the check lists of Oklahoma riffle beetles by Sanderson and Brown (1959) and Brown (1960), we have done relatively extensive and intensive collecting, chiefly in the eastern and southern portions of the state. The Oklahoma Biological Survey provided generous support for this work during the summers of 1962 and 1963. During both summers, Mr. Shoemake devoted his full time to the project while serving as an Undergraduate Research Participant at the University of Oklahoma Biological Station, and during the latter summer we were assisted by Miss Yuk Chun So, who was working in a similar capacity, and by Mr. Kurt Schaefer, Mr. Jeffrey Griffin, and Miss Mary Ann Roepke.

In view of the bulk of data, we shall omit such details as localities, dates, and names of collectors, and simply cite for each genus the counties in which it has been collected and minimal numbers of specimens of which we have records. Since we still have collections, especially of larvae, which have not been sorted, identified, and counted, this paper will constitute but a progress report. New county and state records are followed by an asterisk (*).

It is noteworthy that *Helichus*, which was represented in the state five years ago by only one reported specimen, appears to be one of the most abundant and widespread genera in the state. It is especially odd that it should have been overlooked since the adults are the largest and perhaps most conspicuous of our dryopoid beetles.

ELMIDAE

Hexacylloepus

Bryan County* 14, Coal* 13, Johnston 425, Murray 5, Pontotoc* 2

Dubiraphia

Adair* 10, Atoka* 72, Bryan* 10, Carter* 1, Cherokee* 25, Comanche* 36, Delaware* 3, Johnston 64, LeFlore* 66, Love* 13, McCurtain* 37, Murray 174, Pontotoc* 108, Pushmataha* 4

Heterelmis

Atoka* 84, Bryan* 270, Coal* 236, Comanche* 41, Grady* 185, Johnston 80

Microcyllloepus

Bryan* 11, Caddo* 1, Carter* 7, Cherokee* 3, Coal* 5, Comanche* 90, Delaware* 6, Johnston over 1500, LeFlore* 150, Marshall* 1, McCurtain* over 250, Murray 193, Pontotoc 95, Pushmataha* 28

Macronychus

Adair* 81, Atoka* 49, Bryan* 61, Cherokee* 65, Coal* 4, Delaware* 6, Johnston* 51, LeFlore* 16, McCurtain* 208, Pontotoc* 1, Pushmataha 6

Stenelmis

Adair 27, Atoka* 303, Bryan* 421, Caddo* 7, Carter 16, Cherokee 48, Cleveland* 1, Coal* 147, Comanche* 58, Delaware* 39, Grady* 20, Johnston 69, Latimer 2, LeFlore 79, Love* 4, Marshall* 27, Mayes 2, McCurtain 58, Murray 38, Ottawa over 10, Pontotoc* 10, Pottawatomie* 1, Pushmataha* 6, Rogers 2, Sequoyah 11, Stephens* 38

Optioservus

Adair* 4, Delaware* 3, Ottawa many, Sequoyah* 2

Ancyronyx (new state record)

Adair* 16, Cherokee* 6, Delaware* 8, LeFlore* 109, McCurtain* 69, Pushmataha* 25

DRYOPIDAE

Helichus

Adair* 11, Atoka* 50, Beaver* 30 (Kurt Schaefer records), Bryan* 22, Caddo* 2, Carter* 40, Cherokee* 32, Cleveland* 18, Coal* 14, Comanche* 89, Delaware* 1, Grady* 71, Johnston 4, LeFlore* 41, Love* many, Marshall* 1, McClain* 39, McCurtain* 165, Murray* 6, Noble* 6 (Robert Burton record), Pontotoc* 2, Pushmataha 11, Stephens* over 100

LIMNICHIDAE

Lutrochus

Adair* 12, Carter* 65, Cherokee* 8, Delaware* 2, Johnston 173, Mayes* 1, Murray many hundreds, Ottawa* 5, Pontotoc* 38

PSEPHENIDAE

Psephenus

Adair* 142, Cherokee 180, Delaware 57, LeFlore* 276, McCurtain over 100, Ottawa many, Pushmataha 73, Sequoyah 97

Ectopria

Adair* 74, Carter* 3, Cherokee 11, Delaware* 1, LeFlore* 28, McCurtain 310, Murray 2, Pushmataha 14

LITERATURE CITED

- Brown, Harley P. 1960. Oklahoma riffle beetles (Coleoptera: Dryopidae) II. Additional county records. Proc. Okla. Acad. Sci. 40 (1959): 25-26.
- Sanderson, Milton W. and H. P. Brown. 1959. Records of Oklahoma riffle beetles and a description of the larva of *Hexacylloepus* (Coleoptera: Dryopoidea). Proc. Okla. Acad. Sci. 37 (1956): 67-72.