
BRIEF NOTE**EPITHECA (TETRAGONEURIA) CANIS MACLACHLAN ANOTHER DRAGONFLY NEW TO OHIO¹**

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On 9 May 1976 a medium-sized (about 50 millimeters) dragonfly was observed searching for insect prey near the Woodin Road bridge over Big Creek near Chardon. Big Creek is a tributary of the Grand River, Geauga County, in northeast Ohio. On 10 May 1976 a similar-appearing dragonfly was observed, again searching for insects in the same area. It was flying from 2 to 3 meters above the stream as I noted its aerial prowess.

The dragonfly was subsequently determined as *Epitheca (Tetragoneuria) canis* MacLachlan. Mr. Robert Restifo examined the specimen and concurred with me in its determination.

Big Creek, at the Woodin Road intersection, is a densely-shaded stream averaging 3 meters width, the bottom of which is covered by material ranging from fine sand to boulders. The water flows constantly here at the rate of about 5 to 20 centimeters per second; there are

a few deep pools, but no stagnant water. At this location I have taken: *Boyeria grafiana* Williamson, *Boyeria vinosa* (Say), *Cordulegaster maculata* Selys, *Calopteryx maculata* (Beauvois), and *Chromagrion conditum* (Hagen), all typical lotic species of Odonata.

Epitheca (Tetragoneuria) canis was described as a northern species of transcontinental range by Needham and Westfall (1955), who listed its presence within these states: California, Connecticut, Maine, Michigan, New Hampshire, New York, Oregon, Washington, and Wisconsin. Walker and Corbet (1975) listed *E. canis* as an inhabitant of bogs and acid water discharges, from the Maritime Provinces westward to British Columbia, 54° northward in Saskatchewan, for Canada. Also mentioned by Walker and Corbet was the early appearance of *E. canis* in Canada (6 May the earliest). Kormondy (1959) used the terms scarce and infrequent in defining this dragonfly's abundance in Southern Michigan.

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Kormondy further defined its habitat as typically dystrophic bog lakes and streams.

Interestingly, the most recent additions to the list of Ohio dragonflies: *Cordulia shurtleffi* Scudder (Cruden and Currie 1961), *Aeshna tuberculifera* Walker (Restifo 1972), *Leucorrhinia frigida* Hagen (Perry 1975), and *Somatochlora kennedyi* Walker (Perry 1976), are of primarily northern distribution, as is *Epi-theca canis* MacLachlan.

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