

ADDITIONAL SYRPHIDAE FROM THE OLIVER AND OSOYOOS DISTRICTS OF BRITISH COLUMBIA

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ABSTRACT

A list of 9 species of adult Syrphidae in 7 genera is presented with their hosts and month of capture in 1969 in the vicinity of Oliver and Osoyoos in British Columbia.

Allan (1969) published a list of 39 species of adult Syrphidae collected in 1967 and 1968 mostly in southern areas of the Okanagan Valley of British Columbia. In 1969 he made further collections in the vicinity of Oliver and Osoyoos, but before he was able to summarize these he was forced to retire because of ill health. The 9 additional species collected by him in 1969 are listed in the accompanying table. These were identified by Dr. J. R. Vockeroth, Entomology Research Institute, Canada Department of Agriculture, Ottawa, Ontario.

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Allan began these collections with the hope of finding species that, if reared in large numbers and released in orchards, would control aphids. However, except for some preliminary attempts to rear certain species, he was unable to proceed beyond collecting and sorting specimens.

Most of the 48 species in 23 genera collected by him in 1967, 1968, and 1969 are new records for the Okanagan Valley; 18 species and 6 genera are new records for British Columbia. In addition, 10 species remain unnamed. The number of new species collected in this one area of the Okanagan Valley illustrates our lack of knowledge of the Syrphidae of British Columbia.

Reference

Allan, D. A. 1969. Syrphidae collected mostly in southern areas of the Okanagan Valley, British Columbia. *J. Entomol. Soc. Brit. Columbia* **66**:19-21.

Syrphidae from the Oliver and Osoyoos districts
of British Columbia, 1969

Species	Number of specimens collected	Place collected	Host	Date
<i>Arctophila flagrans</i> O.S.	1	Osoyoos	Unknown	August
<i>Chrysotoxum</i> sp.	6	Osoyoos	Unknown	June-Sept.
<i>Epistrophe nitidicollis</i> Mg.	1	Oliver	Mustard	May
<i>Helophilus hybridus</i> Lw.	1	Osoyoos	Unknown	June
<i>Phalacrodira tarsata</i> (Zett.)	1	Osoyoos	Dandelion	June
<i>P.</i> sp.	1	Oliver	Unknown	April
<i>Toxomerus marginatus</i> (Say)	25	Oliver	Mustard, garden flower	June-Aug.
<i>T. occidentalis</i> Cn.	11	Oliver, Osoyoos	Mustard, dandelion	June-July
<i>Volucella bombylans</i> (L.)	1	Osoyoos	Unknown	July