
NEW RECORD OF THE ALDERFLY *SIALIS VAGANS* FOR WEST VIRGINIA (MEGALOPTERA: SIALIDAE)¹

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ABSTRACT: *Sialis vagans* is reported for the first time from West Virginia. Additionally, state distribution records of the genus *Sialis* are reviewed from the literature.

Sialis vagans Ross is reported for the first time from West Virginia. On 2 June 1987, three males and two females were captured on shoreline vegetation around a 6.3-acre lake at the Handley Public Hunting and Fishing Area 13 miles northwest of Marlinton in Pocahontas County off State Secondary Route 17.

The genus *Sialis* Latreille contains 23 Nearctic species (Ross, 1937; Townsend, 1939; Flint, 1964). Ross (1937) described the holotype male of *S. vagans* from Eel River near Columbia City, Indiana. *Sialis vagans* has been recorded from New Brunswick, Nova Scotia, Ontario, Quebec and 20 states (AR, CT, GA, IL, IN, KS, ME, MA, MI, MN, MS, NH, NJ, NY, NC, OH, PA, VT, VA, WI) (Ross, 1937; Flint, 1964; Stark and Lago, 1980; Tennessen, 1968; Liechti and Huggins, 1977; and Tarter *et al.* 1978). In the United States, east of the Rocky Mountains, adult alderflies emerged between March 4 (AR) and July 19 (NY) (Tarter *et al.*, 1978).

Prior to this new state record, six species of alderflies have been recorded for West Virginia: (1) *S. velata* Ross (Jefferson County) (Ross, 1937), (2) *S. joppa* Ross (Pendleton County) (Tarter and Woodrum, 1937a), (3) *S. aequalis* Banks (Wayne County) (Tarter and Woodrum, 1973b), (4) *S. itasca* Ross (Wayne County) (Tarter *et al.*, 1976), (5) *S. concava* Banks (Pocahontas County) (Tarter *et al.*, 1977), and (6) *S. iola* Ross (Greenbrier County) (Canterbury, 1978).

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