

New Indiana Records of Aphids (Homoptera: Aphididae)

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Abstract

Sixteen new records of aphids from the state are listed with annotations and hosts. Many of these species, it is believed, have been referred to previously in the literature by other investigators under general nomenclature but not by their scientific names. At least they are not suspected of being new introductions to the state.

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Unless noted, all collections were made by the author.

Amphorophora crataegi (Monell). The Four-spotted Hawthorn Aphid

Siphonophora crataegi Monell

Macrosiphum crataegi Patch

Hawthorn, Madison Co., Aug. 28, 1975

Amphorophora rhododendronia Mason

Rhododendron, Marion Co., June 11, 1976

Aphis rubifolia (Thomas)

Sipha rubifolia Thomas

Cerosipha rubifolii Winter

Raspberry, DeKalb Co., June 28, 1972

Cepegillettea betulifoliae Granovsky

Riverbirch, Marion Co., June 22, 1972

Cinara piceicola (Cholodkovsky)

Lachnus piceicola Cholodkovsky

Cinara piceicola Palmer

Tilia sp., Marion Co., Oct. 15, 1975

Drepanaphis keshenae Granovsky Hottes & Frison

Acer saccharum, Marion Co., Sept. 7, 1976

Drepanaphis sabrinae Miller

Acer saccharum, Marion Co., Sept. 7, 1976

Dactynotus grivicornis Patch

Crabapple *Crataegus* sp., Marion Co., June 22, 1976

Macrosiphum coweni (Hunter)

Nectarophora artemisiae Cowen

Nectarophora coweni Hunter

Macrosiphum coweni Gillette & Palmer

Radiant Crab, Gibson Co., 1974

Macrosiphum grivicornis Patch

Brachen Fern, Pulaski Co., Sept. 25, 1976

Neosymydobius annulatus (Koch)

Chaitophorus annulatus Koch

Calaphis annulata Gillette & Palmer

Birch, Allen Co., July 22, 1971

- Pemphigus populi-caulis* Fitch
Coll. in Yellow Pan Trap Survey in June & July (1)
- Rhopalosiphum padi* (L.) (Kaltenbach)
Aphis padi L.
Rhopalosiphum prunifoliae (Fitch)
Coll. in Yellow Pan Trap Survey in June & July 1975 (1)
R. N. Meyer, 1974 (2)
- Pterocomma populifoliae* (Fitch)
Aphis populifoliae Fitch
Pterocomma populifoliae Baker
Black Willow, White Co., May 18, 1976
- Shenahweun minutus* (Davis)
Drepanaphis minutus Davis
Acer saccharum, Sept. 7, 1976

Literature Cited

1. MEDLER, J. T. and A. K. GHOSH. 1969. Keys to species of alate aphids collected by suction, wind, and yellow-pan water traps in the North Central States, Oklahoma and Texas. Res. Div., Coll. Agr. and Life Sci., Univ. Wisc. Cen. Reg. Publ. No. 192. Res. Bul. 277. 99 p.
2. MEYER, R. N. 1974. Ind. Insect Survey Record, Coop Ext. Ser. No. 29, Nov. 1974.