3-1-2019

New state record for Coniopteryx tineiformis Curtis (Neuroptera: Coniopterygidae)

Lawrence Barringer
Division of Entomology Pennsylvania Department of Agriculture

Follow this and additional works at: http://digitalcommons.unl.edu/insectamundi

Part of the Ecology and Evolutionary Biology Commons, and the Entomology Commons

http://digitalcommons.unl.edu/insectamundi/1199

This Article is brought to you for free and open access by the Center for Systematic Entomology, Gainesville, Florida at DigitalCommons@University of Nebraska - Lincoln. It has been accepted for inclusion in Insecta Mundi by an authorized administrator of DigitalCommons@University of Nebraska - Lincoln.
New state record for *Coniopteryx tineiformis* Curtis
(Neuroptera: Coniopterygidae)

Lawrence Barringer
Division of Entomology
Pennsylvania Department of Agriculture
2301 N. Cameron Street, Harrisburg, PA 17110 USA.

Date of issue: March 29, 2019
Lawrence Barringer
New state record for *Coniopteryx tineiformis* Curtis (Neuroptera: Coniopterygidae)
*Insecta Mundi* 0692: 1–2
ZooBank Registered: urn:lsid:zoobank.org:pub:9FCB65D8-8B44-413D-9FD7-A051ADA22BA4

**Published in 2019 by**
Center for Systematic Entomology, Inc.
P.O. Box 141874
Gainesville, FL 32614-1874 USA
http://centerforsystematicentomology.org/

*Insecta Mundi* is a journal primarily devoted to insect systematics, but articles can be published on any non-marine arthropod. Topics considered for publication include systematics, taxonomy, nomenclature, checklists, faunal works, and natural history. *Insecta Mundi* will not consider works in the applied sciences (i.e. medical entomology, pest control research, etc.), and no longer publishes book reviews or editorials. *Insecta Mundi* publishes original research or discoveries in an inexpensive and timely manner, distributing them free via open access on the internet on the date of publication.

*Insecta Mundi* is referenced or abstracted by several sources, including the Zoological Record and CAB Abstracts. *Insecta Mundi* is published irregularly throughout the year, with completed manuscripts assigned an individual number. Manuscripts must be peer reviewed prior to submission, after which they are reviewed by the editorial board to ensure quality. One author of each submitted manuscript must be a current member of the Center for Systematic Entomology.

Guidelines and requirements for the preparation of manuscripts are available on the *Insecta Mundi* website at http://centerforsystematicentomology.org/insectamundi/

**Chief Editor:** David Plotkin, insectamundi@gmail.com
**Assistant Editor:** Paul E. Skelley, insectamundi@gmail.com
**Head Layout Editor:** Robert G. Forsyth
**Editorial Board:** J. H. Frank, M. J. Paulsen, Michael C. Thomas
**Review Editors:** Listed on the Insecta Mundi webpage

**Printed copies (ISSN 0749-6737) annually deposited in libraries**
CSIRO, Canberra, ACT, Australia
Museu de Zoologia, São Paulo, Brazil
Agriculture and Agrifood Canada, Ottawa, ON, Canada
The Natural History Museum, London, UK
Muzeum i Instytut Zoologii PAN, Warsaw, Poland
National Taiwan University, Taipei, Taiwan
California Academy of Sciences, San Francisco, CA, USA
Florida Department of Agriculture and Consumer Services, Gainesville, FL, USA
Field Museum of Natural History, Chicago, IL, USA
National Museum of Natural History, Smithsonian Institution, Washington, DC, USA
Zoological Institute of Russian Academy of Sciences, Saint-Petersburg, Russia

**Electronic copies (Online ISSN 1942-1354, CDROM ISSN 1942-1362) in PDF format**
Printed CD or DVD mailed to all members at end of year. Archived digitally by Portico.
Florida Virtual Campus: http://purl.fcla.edu/fcla/insectamundi
University of Nebraska-Lincoln, Digital Commons: http://digitalcommons.unl.edu/insectamundi/
Goethe-Universität, Frankfurt am Main: http://nbn-resolving.de/urn/resolver.pl?urn:nbn:de:hebis:30:3-135240

**Copyright** held by the author(s). This is an open access article distributed under the terms of the Creative Commons, Attribution Non-Commercial License, which permits unrestricted non-commercial use, distribution, and reproduction in any medium, provided the original author(s) and source are credited. http://creativecommons.org/licenses/by-nc/3.0/

**Layout Editor for this article:** Robert G. Forsyth
New state record for Coniopteryx tineiformis Curtis (Neuroptera: Coniopterygidae)

Lawrence Barringer
Division of Entomology
Pennsylvania Department of Agriculture
2301 N. Cameron Street, Harrisburg, PA 17110 USA.
lbarringer@pa.gov

Abstract. Coniopteryx tineiformis Curtis (Neuroptera: Coniopterygidae) is reported from Pennsylvania for the first time, a new state record. The Pennsylvania Department of Agriculture’s collection holdings were reviewed and four specimens from two counties were found. These records fill in a gap in this species’ reported range, despite no records of it from adjacent states.

Key words. Dustywings, new record.

Introduction

A recent checklist for Coniopterygidae (Neuroptera) updated the distribution of this group for North America north of Mexico (Ferro 2018). Five species were reported from Pennsylvania. The Pennsylvania Department of Agriculture’s collection of over 300 specimens was reviewed against this checklist. From this, records of Coniopteryx tineiformis Curtis from Pennsylvania were found from two counties, filling in a range gap for this species.

Materials and Methods

Four specimens are reported from the collection of the Pennsylvania Department of Agriculture (PADA). Label data are not verbatim but were stylized for clarity and accuracy.


All specimens were verified by T. J. Henry during 1973 (three earliest collections) or 1975 (final collection).

Results

The presence of Coniopteryx tineiformis in Pennsylvania is not surprising as it has a wide distribution across North America, from California to Alaska, eastwards to Virginia and Newfoundland and Labrador (Ferro 2018). Pennsylvania currently does not border any state or territory that has also reported this species, but, as mentioned in the Ferro checklist, this is more likely an artifact of under-reporting and collecting of dustywings.

Acknowledgments

The author would like to thank all those who invest the time and energy into making and updating checklists, and thereby providing the basis for so many scientific endeavors to be launched. The author also thanks Claire M. Ciafré and Michael L. Ferro for revisions to this manuscript.
Literature Cited


Received February 13, 2019; accepted February 14, 2019.
Review editor David Plotkin.

Figure 1. Specimen of *Coniopteryx tineiformis*, lateral habitus.