

FOURTH ADDITION TO THE SUPPLEMENTAL LIST OF MACROLEPIDOPTERA OF NEW JERSEY

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ABSTRACT. Additional species, subspecies and named aberrations (with larval food plant, when known) are added to the list of Macrolepidoptera of New Jersey not recorded in John B. Smith's Report of the New Jersey State Museum (1909) or in my later reports to date (1965, 1968, 1973, 1976).

The following new additions were collected by the author, Dr. C. Brooke Worth, Dr. Dale Schweitzer, and the Department of Agriculture at Rutgers University. References are cited for those species already reported elsewhere in the literature.

In this area, light pollution appears to be the main reason for the decrease in moths. The only collecting locality known to me where lights and bait still work is Dr. Worth's farm at Eldora, (Cape May Co.). This area is relatively isolated, since the land mass is on a peninsula. Most sphingids, saturniids and other conspicuous Lepidoptera formerly common throughout the state are still found here in large numbers.

Checklist numbers and classification for moths are taken from McDunnough (1938), updated to current nomenclature. Localities, dates of collection, collector (and when known, foodplant) are shown. Specimens not followed by the name of the collector were taken by the author. Specimens collected at Eldora, Cape May Co., were collected by the author in collaboration with Dr. Worth.

ACKNOWLEDGMENTS

I wish to thank Dr. Frederick Rindge and Eric Quinter, of the American Museum of Natural History, for determining some of the following specimens and for reading the manuscript, and Dr. Rindge for providing references to published records.

MOTHS

Arctiidae

Holomelina Herrich-Schaeffer

1022 *opella* form "belmaria" Ehrman

Eldora, 17 June; 17 Sept.

Dandelion, *Taraxacum officinale*; plantain, *Plantago major*

Noctuidae

Noctuinae

- Graphiphora* Ochseneimer
 1525 *tenuicula* Morrison
 Drakestown, 17 Sept., Rutgers

Hadeninae

- Leucania* Ochseneimer
 1978-1 *linda* Franclemont
 Long Valley, 21 July, Rutgers

Cuculliinae

- Metaxaglaea* Franclemont
 2227-2 n. sp.
 Eldora, 16 Oct., 25 Nov., 1, 11 Jan.
 American holly, *Ilex opaca*

Amphipyryinae

- Apamea* Ochseneimer
 2328-1 *inebriata* Ferguson
 Lakehurst, 8 April, 29 June, 25 July, Lemmer; Jerseyville, 9 July, Shulgin; Freehold, 17 July, Franclemont
- Agroperina* Hampson
 2373 *lutosa* Andrews
 Woodglen, 25 April, 2 July, Rutgers
- Luperina* Boisduval
 2393 *passer* Guenée form "conspicua" Morrison
 Drakestown, 21 Sept., Rutgers
 Dock, *Rumex occidentalis*
- Oligia* Hübner
 2421 *minuscule* Morrison
 Lakehurst, 6 Sept., 15 Oct., C. Rummel
- Xylomoia* Staudinger
 2434 *chagnoni* Barnes & McDunnough
 Seabrook, 12 June, Rutgers
 Borer in *Phalaris arundinacea*
- Callopietria* Hübner
 2538 *floridensis* Guenée
 East Millstone, 27 Sept., Rutgers
 Ferns
- Platyperigea* Smith
 2655 *multifera* Walker
 Freehold, 25 June, Rutgers
 2656 *extima* Walker
 Freehold, 25 June, Rutgers
- Bellura* Walker
 2709 *melanopyga* Grote
 Camden, 25 May; Delanco, 26 May, Rutgers
 Borer in yellow water lily

Acontiinae

Cryphia Hübner3100 *villificans* Barnes & McDunnough

Oliver, 12 June, Rutgers

Tarachidia Hampson3185 *semiflava* Guenée

Eldora, 20 May

Catocalinae

Catocala Schrank3336 *paleogama* Guenée, form "denussa" Ehrman

Hunterdon Co., 8 Sept., 9 Oct.

Hickory, *Carya*; walnut, *Juglans*3386 *gracilis* Edwards, form "lemmeri" Mayfield, 1923

Lakehurst, 1 Sept., Lemmer

*Vaccinium*3388 *herodias* Barnes & Benjamin, Gerhardt Benjamin & Barnes

Lakehurst, 15 July, Rutgers

3410 *micronympha* Guenée, form "lolita" SargentLebanon, *ex ovo* 3, 8, 18, 20, 22 June, 3 Sept.Red oak, *Quercus rubra**Zale* Hübner3493 *metata* Smith

Eldora, 20 May

Pinus virginiana

Ophiderinae

Metalectra Hübner3658-1 *richardsi* Brower

Eldora, 23 July

Hypeninae

Hypenodes Doubleday3728-1 *fractilinea* Smith

Martinsville, 10 June, Rutgers

Parahypenodes Barnes & McDunnough3729 *quadrals* Barnes & McDunnough

Hughesville, 25 July, Rutgers

Herminiinae

Epizeuxis Hübner3735 *concisa* Walker

Woodglen, 25 July; Evesboro, 9 July, Rutgers

Notodontidae

Heterocampa Doubleday3890 *varia* Walker

Chatsworth, 12 July, J. Madenjian

Oak, *Quercus* sp.

Geometridae

Larentiinae

- Coryphista* Hulst
 4248 *meadii atlantica* Munroe, 1954
 Irvington, May–Sept., E. E. Witte
 Barberry
- Eupithecia* Curtis
 4266-1 *slossonata* McDunnough, 1949
 Eldora, 17 May
- Hydriomena* Hübner
 4477 *transfigurata* Swett. McDunnough, 1954
 Lebanon State Forest, 13 June, Rutgers; Lebanon, 7, 13, 25 May

Ennominae

- Lomographa* Hübner
 4608 *glomeraria* Grote
 Lebanon, 16 May
- Hypomecis* Hübner
 4738 *gnopharia* (Guenée)—formerly in *Pseudoboarmia*. Rindge, 1973
 Eldora, 25 May, 18 June
- Anacamptodes* McDunnough
 4917-1 *humaria humaria* (Guenée). Rindge, 1966
 Eldora, 20 May
 General feeder on deciduous plants
- Glenoides* McDunnough
 4948 *texanaria* Hulst
 Eldora, 24 Oct.
- Epimecis* Hübner
 4951 *virginaria* Cramer, form “*dendaria*” Guenée
 Eldora, 20 May
 Tulip tree, sassafras
- Philgalia* Duponchel
 4956 *strigataria* (Minot). “*Melanic male*.” Rindge, 1975
 Lebanon, 5 April
- 4957 *denticulata* Hulst. Rindge, 1975
 Orange Mts., Essex Co., 3 March, Lemmer. In Cambridge collection.
- Tacparia* Walker
 5024 *atropunctata* (Packard). Ferguson, “1973” (1974)
 Near Lisbon, 12 June, J. Madenjian
 Birch, *Betula* sp.
- Sicya* Guenée
 5161 *macularia* Harrison
 Lebanon, 17 July
Spirea, *Ceanothus*

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MUNROE. 1954. Canadian Entomol. 86: 282. (Type locality: Irvington, New Jersey).
RINDGE, F. 1966. Bull. Amer. Mus. Nat. Hist. 132: 216. (Fig. 7 [distribution map]; six localities from New Jersey).
———. 1973. Amer. Mus. Novitates No. 2514: 23. (Fig. 24 [distribution map]; five localities for New Jersey).
———. 1975. Bull. Amer. Mus. Nat. Hist. 156: 124. (Fig. 76 [distribution map]; many New Jersey localities).
———. 1975. *idem*. p. 128. (Fig. 76 [distribution map]; many New Jersey localities.)
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Errata

Corrections in Third Addition to the Supplemental List of Macrolepidoptera of New Jersey (1976):

- Page 197. No. 248. *polixenes* should read *polyxenes*.
Page 197. Nyphalidae should read Nymphalidae.
Page 198. *Meliana* Curtis = *Leucania* Ochseneheimer.
Page 199. *Stabidium* Grote = *Plagiomimicus* Grote.
Page 199. *Camptylchia* Stephens = *Epizeuxis* Hübner.
Page 199. 3777 should read 3735.
Page 199. *Epicnaptera* Rambur = *Phyllodesma* Hübner.
Page 200. Zanolidae = Apatelodidae.
Page 200. No. 4932. Mistaken identity.