

SOME FOOD PLANTS OF LEPIDOPTEROUS LARVAE (List No. 7)

by J. R. J. Llewellyn Jones*

In presenting this seventh list my thanks are again due to those members who have furnished data included herein.

It is to be noted that in this and subsequent lists the nomenclature adopted is that of Dr. J. McDunnough's new "Check List of the Lepidoptera of Canada and the United States of America" Part I. Macrolepidoptera (1938) and Part II. Microlepidoptera (1939).

The following is a list of signs and abbreviations used in this list:
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An asterisk (*) denotes that the species has been mentioned before in these lists, and that the information now given is either additional or is an amplification of what has been previously reported.

RHOPALOCERA

Lycaena helloides Bdv.—swamp knotweed (*Polygonum amphibium* L.)
(G.J.S.)

HETEROCERA

***Acronicta (Apatela) radcliffei** Haw.—quince and greengage plum.
(J.R.J.)

Acronicta (Apatela) grisea revellata Sm.—willows (*Salix Scouleriana* (Hook.) Barr., and *Salix Hookeriana* Barr.) and garden species of willow. (J.R.J.)

***Acronicta funeralis** G. & R. (*Apatela funeralis* G. & R.)—flowering plum (*Prunus cerasifera* Blieriana) (J.R.J.)

***Acronicta (Apatela) distans dolorosa** Dyar.—rose, wild and garden species. (J.R.J.)

***Amphidasis cognataria** Gn.—sumac (*Rhus typhina* L.) (J.R.J.)

***Campaea perlata** Gn.—june-berry (*Amelanchier florida* Lindl.) (J.R.J.)

***Celerio lineata** Fabr.—northern willow herb (*Epilobium adenocaulum* Haussk.) (J.R.J.)

Cerura occidentalis gigans McD.—black willow (*Salix Lasiandra* Benth.) (J.R.J.)

Cerura scolopendrina pluvialis Dyar—willows (*Salix Scouleriana* (Hook.) Barr., and *Salix Lasiandra* Benth.), also on garden species of willow and on poplars (J.R.J.)

***Cymatophora fasciata** B. & McD.—june-berry (*Amelanchier florida* Lindl.) (J.R.J.)

***Diacrisia pteridis rubra** Neum.—ocean spray (*Spirea discolor* Pursh.), bracken (*Pteris aquilina* L.) (J.R.J.)

***Diacrisia virginica** Fabr.—elder (*Sambucus callicarpa* Greene) (J.R.J.)

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- Eucosma derilicta* Heinr.—Michaelmas daisy, in the roots (R.G.)
- **Halisidota maculata angulifera* Wlk.—red flowered currant (*Ribes sanguineum* Pursh.) (J.R.J.)
- Lycanades (Xanthia) pulchella* Sm.—alder (*Alnus rubra* Bong.), willow (*Salix Scouleriana* (Hook.) Barr.), red flowered currant (*Ribes sanguineum* Pursh.), wild cherry (*Prunus emarginata* Dougl.), bird cherry (*Nuttallia cerasiformis* T. & G.), june-berry (*Amelanchier florida* Lindl.) (J.R.J.)
- **Malacosoma pluvialis* Dyar.—wild gooseberry (*Ribes divaricatum* Dougl.), black hawthorn (*Crataegus brevispina* Dougl.) (J.R.J.)
- Mineola*, species of—Cotoneaster sp. (R.G.)
- Paonias excaecata* A. & S.—black hawthorn (*Crataegus brevispina* Dougl.) (J.R.J.)
- Pyrrhia umbra experimens* Wlk.—black poplar (J.R.J.)
- Schizura ipomoeae* Dblldy—june-berry (*Amelanchier florida* Lindl.) (J.R.J.)
- **Schizura unicornis* A. & S.—willows (*Salix Scouleriana* (Hook.) Barr., *Salix Hookeriana* Barr.), crab apple, garden species "Aldenhamsensis" (J.R.J.)
- **Selenia alciphearia* Wlk.—black hawthorn (*Crataegus brevispina* Dougl.) (J.R.J.)
- **Stilpontia salicis* Linn.—aspen (*Populus tremuloides* Michx.) (J.R.J.)

**A BRIEF NOTE ON AN ATTEMPT TO HYBRIDIZE NOTOLOPHUS
ANTIQUA BADIA HY. EDW. AND HEMEROCAMPA
PSEUDOTSUGATA McD.**

by J. R. J. Llewellyn Jones*

On September 1st, 1936 a female of *Hemerocampa pseudotsugata* McD. emerged in a breeding cage, and it was noted that in addition to three males of this species, six males of *Notolophus antiqua badia* Hy. Edw. were in attendance on the virgin female. The same phenomenon was also noted the following season, September 1937, when breeding a series of *Hemerocampa pseudotsugata*.

It was thereupon decided to attempt to mate a female *Hemerocampa pseudotsugata* with a male *Notolophus antiqua badia*, so several males of this latter species were introduced into the cage with a virgin female. Though the insects were not actually seen "in copula", fertile eggs were laid on the evening of September 7th, 1937, the day upon which the female had emerged from the cocoon.

The ova hatched the following spring between April 27 and May 7, 1938. The young larvae were blackish and clothed somewhat scantily with black hairs.

The "pabula" of both parent species were offered and the young larvae chose the food plants of the male parent, *antiqua badia*, refusing

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