

FOOD PLANTS OF SOME BOMBYCIDÆ AND NOCTUIDÆ  
NOT INCLUDED IN H. EDWARDS'S CATALOGUE.

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The following brief list of food plants of Bombycidæ and Noctuidæ, not included in the recently issued catalogue of Mr. Henry Edwards, may be of some interest to persons engaged in rearing Lepidoptera. When not otherwise stated the insects have been found and reared, or reared from the eggs by myself, and were mostly collected at Kittery, Maine :—

BOMBYCIDÆ.

- Orgyia nova* Fitch. Pinus strobus  
 “ *defnita* Pack. Quercus.  
*Parorgyia basiflava* Pack. Betula.  
*Limacodes biguttata* Pack. Carya.  
 “ *fasciola* H.-S. Carya.  
 “ *Y-inversa* Pack. Carya.  
*Packardia geminata* Pack. Carya.  
*Ichthyura strigosa* Grote. Populus.  
 “ *indentata* Pack. Salix.  
 “ *vau* Fitch. Populus.  
*Gluphisia trilineata* Pack. Populus.  
*Notodonta stragula* Grote. Populus.  
*Lophodonta ferruginea* Pack. Betula.  
 “ *Georgica* H.-S. Quercus.  
*Seirodonta bilineata* Pack. Quercus.  
*Edemasia eximia* Grote. Salix, Populus.  
*Dasylophia anguina* A. & S. Baptisia.  
 “ *interna* Pack? Carya.  
*Cælodasys biguttata* Pack. (*Schizura ipomeæ* Doubl., Lec., Pack). Acer,  
 Ulmus, Quercus, Betula, Vaccinium, Ceanothus.  
 “ *leptinoides* Grote. Carya.  
*Heterocampa obliqua* Pack. Quercus.  
 “ *guttivitta* Walk. Quercus, Carya.  
 “ *biundata* Walk. Carya.  
*Cerura aquilonaris* Lint. Populus.  
*Prioma bilineata* Pack. Betula.

- Callosamia angulifera* Walk. Liriodendron.  
*Artace punctistriga* Walk. Diospyros virginiana.  
*Tolyte laricis* Fitch. Pinus, three species.

## NOCTUIDÆ.

- Leptina dormitans* Guen. Carya.  
*Habrosyne scripta* Gosse. Lilia.  
*Audela acronyctoides* Walk? Abies balsamea.  
*Charadra deridens* Guen. Ulmus.  
*Raphia frater* Grote. Populus.  
*Feralia jocosus* Guen. Abies canadensis and balsamea.  
*Apatela vinnula* Grote. Ulmus.  
 " *occidentalis* G. & R. Pyrus malus.  
 " *furcifera* Guen. Prunus serotina.  
 " *funeralis* G. & R. Carya.  
 " *dactylina* Grote. Salix, Betula, Alnus.  
 " *hastulifera* A. & S. Alnus.  
 " *persuasa* Harv. Quercus (Chapman).  
 " *clarescens* Guen. Rosaceæ (esp. Pyrus malus).  
 " *ovata* Gr. Castanea.  
 " *dissecta* G. & R. Acer.  
 " *sperata* Grote. Rubus.  
 " *xyliniformis* Guen. Rubus.  
 " *lanceolaria* Grote. Found on Comptonia not feeding. Probably a general feeder like *oblinita*. Figured in Abbott's unpublished drawings on *Gaillardia*.  
*Harrisimemna trisignata* Walk. Diervilla, Ilex verticillata.  
*Agrotis trabalis* Grote? Pinus strobus.  
 " *astricta* Morr. Helianthus.  
*Oligia versicolor* Grote. Pinus strobus. Abies Canadensis.  
*Homohadena badistriga* Grote. Lonicera cult.  
*Gortyna Harrisii* Grote. Heracleum lanatum.  
*Nonagria subflava* Grote. Scirpus.  
 " *oblonga* Grote. Typha.  
*Macronoctua onusta* Grote. Iris versicolor.  
*Euthisanotia timais* Cram. Pancratium, Narcissus.  
*Scolecocampa liburna* Geyer. Various species of Corticium Polyporus and other of the larger Basidiomycetons fungi.

- Crocigrapha Normani* Grote. Quercus.  
*Xylomiges confusa* Hübn. Quercus.  
*Scopelosoma Moffatiana* Grote. Hamamelis.  
*Litoprosopus futilis* G. & R. *Sabal palmetto* (Lec., Chapman).  
*Marasmalus ventilator* Grote. Rhus typhina.  
     " *histrion* Grote. Rhus.  
*Deva purpurigera* Walk. Thalictrum cornutum.  
*Plusia Putnami* Grote. Poa, Agrostis, etc.  
*Plusia monodon* Grote. Liatris, Helianthus.  
*Pyrrhia exprimens* Walk. Rhus., Robinia.  
*Catocala relictata* Walk. Betula, Populus.  
     " *Briseis* Edw. Salix.  
     " *habilis* Gr. Juglans.  
*Panopoda carneicosta* Guen. Quercus.  
     " *rufimargo* Hübn. Quercus, Lilia.  
*Homoptera minerea* Guen. Salix.

TEN NEW SPECIES OF ORTHOPTERA FROM NEBRASKA—  
 NOTES ON HABITS, WING VARIATION, ETC.

BY LAWRENCE BRUNER, LINCOLN, NEBRASKA.

A trifle more than two years ago the writer first entertained the idea of preparing a synopsis of the Orthoptera of Nebraska, with the intention of publishing it as a special bulletin from the Agricultural Experiment Station. With that end in view, work was immediately begun; and in the course of a few months the greater portion of the manuscript was ready for the printer. At this time other matters that were considered of more immediate importance came up at the Station, and that of the Orthoptera was laid aside. It has now been lying nearly two years.

As the result of special collecting and study on the order for the past eighteen years within the State, my collection contains 241 species that have been taken within its boundary. Among these there are about two dozen species that appear to be new to the science of entomology. From among these apparently new things, the following are selected for publication at this time: