

# CHECKLIST OF THE CRAMBID MOTHS (CRAMBIDAE) OF ESSEX COUNTY, ONTARIO

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## **ABSTRACT**

This is, to the author's knowledge, the first comprehensive checklist of the Crambid Moths (Crambidae) of Essex County, Ontario. It only includes species that have been found in adult form.

It is believed that this list is still rather incomplete, but future surveys will be required to continue to expand our knowledge of the Crambid Moths of Essex County, Ontario.

# THE CHECKLIST

## Genera Acentria, Achyra

- Acentria ephemerella (Water Veneer)
- Achyra rantalis (Garden Webworm Moth)

## Genus Agriphila

- Agriphila ruricolellus (Lesser Vagabond Sod Webworm Moth)
- Agriphila vulgivagellus (Vagabond Sod Webworm Moth)

## Genus Anageshna

- Anageshna primordialis (Yellow-spotted Webworm Moth)

## Genera Anania

- Anania coronata (Elderberry and Crowned Pearls)
- Anania funebris (White-spotted Sable)
- Anania mysippusalis

## Genera Apogeshna, Chalcoela, Chrysoteuchia, Conchylodes

- Apogeshna stenialis (Checkered Apogeshna Moth)
- Chalcoela iphitalis (Sooty-winged Chalcoela Moth)
- Chrysoteuchia topiarius (Topiary Grass-Veneer)
- Conchylodes ovulalis (Zebra Conchylodes)

## Genus Crambus

- Crambus agitatellus (Double-banded Grass-veneer)
- Crambus albellus (Small White Grass-veneer)
- Crambus laqueatellus (Eastern Grass-veneer)
- Crambus leachellus (Leach's Grass-veneer)
- Crambus praefectellus (Common Grass-veneer)
- Crambus saltuellus (Pasture Grass-veneer)

## Genus Crocidophora

- Crocidophora serratissimalis (Saw-toothed Crocidophora Moth)
- Crocidophora tuberculalis (Pale-winged Crocidophora Moth)

### **Genera *Cydalima*, *Desmia*, *Diaphania*, *Diastictis***

- Cydalima perspectalis* (Box Tree Moth)
- Desmia funeralis* complex (Grape Leafroller and Leafroller Moths)
- Diaphania hyalinata* (Melonworm Moth)
- Diastictis ventralis* (White-spotted Brown)

### **Genera *Dicymolomia*, *Donacula*, *Duponchelia***

- Dicymolomia julianalis* (Julia's *Dicymolomia* Moth)
- Donacula albicostellus*
- Duponchelia fovealis* (European Pepper Moth)

### **Genus *Elophilia***

- Elophila gyralis* (Waterlily Borer Moth)
- Elophila icciusalis* (Pondside Crambid Moth)
- Elophila obliteralis* (Waterlily Leafcutter Moth)
- Elophila tinealis* (Black Duckweed Moth)

### **Genera *Euchromius***

- Euchromius ocella* (Belted Grass-Veneer)

### **Genus *Eudonia***

- Eudonia heterosalis*
- Eudonia strigalis* (Striped *Eudonia* Moth)

### **Genera *Eustixia***

- Eustixia pupula* (Spotted Peppergrass Moth)

### **Genus *Evergestis***

- Evergestis pallidata* (Purple-backed Cabbageworm Moth)
- Evergestis rimosalis* (Cross-striped Cabbageworm Moth)

### **Genera *Fissicrambus*, *Framinghamia*, *Fumiboyts***

- Fissicrambus mutabilis* (Changeable Grass-veneer)
- Framinghamia helvalis*
- Fumiboyts fumalis* (Mint Root Borer Moth)

### **Genus *Glaphyria***

- Glaphyria fulminalis* (Black-patched Glaphyria Moth)

### **Genus Hahncappsia**

- Hahncappsia marculenta* (Complex)
- Hahncappsia pergilvalis*

### **Genus Herpetogramma**

- Herpetogramma aeglealis* (Serpentine Webworm Moth)
- Herpetogramma bipunctalis* (Southern Beet Webworm Moth)
- Herpetogramma pertextalis* (Bold-feathered Grass Moth)
- Herpetogramma phaeopteralis* (Dusky Herptogramma)
- Herpetogramma theseusalis* (*Herpetogramma theseusalis*)
- Herpetogramma thestealis* (Zigzag Herpetogramma Moth)

### **Genera Hymenia, Lipocosma**

- Hymenia perspectalis* (Spotted Beet Webworm Moth)
- Lipocosma sicalis* (Brown-banded Lipocosma Moth)

### **Genus Loxostege**

- Loxostege cereralis* (Alfalfa Webworm Moth)
- Loxostege munroealis* (Beet Webworm Moth)

### **Genus Lygropia**

- Lygropia rivulalis* (Bog Lygropia Moth)

### **Genus Microcrambus**

- Microcrambus biguttellus* (Gold-striped Grass-Veneer)
- Microcrambus elegans* (Elegant Grass-Veneer)

### **Genera Mimoschinia, Nascia, Neodactria, Nomophila**

- Mimoschinia rufofascialis* (Rufous-banded Crambid Moth)
- Nascia acutellus* (Streaked Orange Moth)
- Neodactria luteolellus* (Mottled Grass-veneer)
- Nomophila nearctica* (Lucerne Moth)

### **Genus Ostrinia**

- Ostrinia nubilalis* (European Corn Borer Moth)
- Ostrinia penitalis* (American Lotus Borer)

### **Genus Palpita**

- Palpita freemanalis* (Freeman's Palpita Moth)
- Palpita magniferalis* (Splendid Palpita Moth)

### **Genera Pantographa, Paracorsia, Parapediasia**

- Pantographa limata* (Basswood Leafroller Moth)
- Paracorsia repandalis* (Scarce Straw Pearl)
- Parapediasia teterrellus* (Bluegrass Webworm Moth)

### **Genus Parapoynx**

- Parapoynx allionealis* (Watermilfoil Leafcutter Moth)
- Parapoynx badiusalis* (Chestnut-marked Pondweed Moth)
- Parapoynx obscuralis* (Obscure Pondweed Moth)

### **Genus Patania**

- Patania silicalis* (Herbivorous Patania Moth)
- Patania silicalis* (Herbivorous Patania Moth)

### **Genera Pediasia, Perispasta**

- Pediasia trisepta* (Sod Webworm Moth)
- Perispasta caeculalis* (Titian Peale's Moth)

### **Genus Petrophila**

- Petrophila bifascialis* (Two-banded Petrophila Moth)
- Petrophila canadensis* (Canadian Petrophila Moth)

### **Genera Pilocrocis, Polygrammodes**

- Pilocrocis ramentalis* (Scraped Pilocrocis Moth)
- Polygrammodes flavidalis* (Ironweed Root Moth)

## **Genus Pyrausta**

- Pyrausta acronalis* (Mint-loving Pyrausta)
- Pyrausta bicoloralis* (Bilcoloured Pyrausta)
- Pyrausta orphisalis* (Orange Mint Moth)
- Pyrausta signatalis* (Raspberry Pyrausta)
- Pyrausta rubricalis* (Variable Reddish Pyrausta Moth)
- Pyrausta tyralis* (Coffee-loving Pyrausta)

## **Genera Saucrobotys, Sclerocona, Scoparia**

- Saucrobotys futilalis* (Dogbane Saucrobotys Moth)
- Sclerocona acutellus* (Thatch Pearl)
- Scoparia biplagiata* (Double-striped Scoparia Moth)

## **Genus Sitochroa**

- Sitochroa chortalis* (Dimorphic Sitochroa Moth)
- Sitochroa palealis* (Carrot Seed Moth)

## **Genera Spoladea, Udea, Urola, Vaxi**

- Spoladea recurvalis* (Hawaiian Beet Webworm Moth)
  - Udea rubigalis* (Celery Leaf-tier)
  - Urola nivalis* (Snowy Urola Moth)
  - Vaxi critica* (Straight-lined Vaxi Moth)
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## ANTICIPATED FUTURE ADDITIONS

The list that follows includes some Crambid Moth species that could be reasonably expected to be added to this list in the future.

In order to be included on this list, a species must have been seen in an adjacent county (Chatham-Kent County, Ontario or Wayne County, Michigan) in the past 10 years in adult form and be associated with a host plant that is plausible in Essex County, Ontario.

- *Herpetogramma aquilonalis*
- *Microcrambus kimballi* (Kimball's Grass-Veneer)

## REFERENCES

These references were used in this checklist or generally thought to be relevant and useful by the author.

- Beadle, D., King M., Holder, P. (2020). *Ontario Moths: A Checklist*. Hawk Owl Publishing.
- Fernald, C. H. (1896). *The Crambidae of North America*. Massachusetts Agricultural College.