

A CHECKLIST OF THE MOTHS OF SASKATCHEWAN

PART 4 - SNOOT MOTHS (HERMINIINAE, RIVULINAE, HYPENODINAE, AND HYPENINAE)

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In the following article these abbreviations are used: s south, n north, w west, e east, CNC the only Saskatchewan records of the species known to the author are in the Canadian National Collection in Ottawa.

Owlet Moths - NOCTUIDAE

This is by far the largest family of moths in Saskatchewan. It includes the destructive cutworm and armyworm moths, but the majority of the species are not considered to be economic pests.

Owlet moths are usually heavy-bodied, and vary in size from 10 to 145 mm in wing expanse. Most species have a black spot in the middle of the hindwing on the underside, and a narrow post-median band crossing the wing. The forewings are usually a drab brown colour that matches the trunks of trees. The antennae are usually slender.

Most Owlet Moths have smooth caterpillars and smooth pupae.

The first four sub-families are called "Snout-Moths" because of the long, curved, and fringed palpi on the head. These are small moths, with the Hypenodinae being the smallest.

The Pyralid Moths (Pyralidae) are also called "Snout-Moths," but their long

palpi are usually straight, rather than curved.

Many species of Snout-Moths have strange feeding habits, with the larvae feeding on decomposing vegetable matter, fungi or debris rather than on green leaves.

HERMINIINAE

American Snout-Moth - *Idia americalis* (Gn.) — throughout Saskatchewan.

Powdered Snout - *Idia aemula* Hbn. — n Saskatchewan, s to Maryfield, Fort Qu'Appelle and Meadow Lake area.

Glossy Black Idia - *Idia lubricalis* (Gey.) — Oxbow, Big Muddy Lake, Tallon, Otter Rapids and La Ronge.

Immaculate Reabotis - *Reabotis immaculalis* (Hulst) — Swift Current (CNC), and Rutland (CNC).

Dark-banded Owlet - *Phalaenophana pyramusalis* Wlk. — central Saskatchewan n to Sturgeon Landing, s to Moose Mountain Park and Punnichy.

The Canadian Zanclognatha - *Zanclognatha litalba* (Sm.) — s Saskatchewan n to Norquay.

Lesser Luteous Snout - *Chytolita petrealis* Grt. — throughout Saskatchewan.

Angle-striped Snout-Moth - *Hormisa absorptalis* Wlk. — e Saskatchewan w to Fort Qu'Appelle and Red Earth.

Two-striped Snout-Moth - *Hormisa bivittata* (Grt.) — Shoal Lake.

Louisiana Snout-Moth - *Hormisa louisiana* (Fbs.) — Saskatoon (CNC).

Tufted Snout - *Phalaenostola metonalis* Wlk. — s Saskatchewan n to Otter Rapids, and Buffalo Narrows.

Hanham's Snout-Moth - *Phalaenostola hanhami* (Sm.) — e Saskatchewan w to Regina, Norquay, Somme and Red Earth.

Variable Snout-Moth - *Bleptina caradrinalis* Gn. — s Saskatchewan n to Norquay and Loon Lake.

Even-lined Renia - *Renia favipunctalis* (Gey.) — Tantallon, Stockholm and Maryfield.

Renia sp. (near *sobrialis* (Wlk.)) — Tantallon.

Angulated Snout-Moth - *Palthis angulalis* (Hbn.) — n Saskatchewan, s to Tantallon, Fort Qu'Appelle and Pike Lake.

RIVULINAE

Yellow Snout-Moth - *Rivula propinqualis* Gn. — central Saskatchewan n to La Ronge, s to Roche Percee, Fort Qu'Appelle and Loon Lake.

Pale-edged Snout-Moth - *Myceterophora inexplicata* (Wlk.) — Harlan (ne of Lloydminster).

HYPENODINAE

Broken-line Hypenodes - *Hypenodes fractilinea* (Sm.) — Nipawin (CNC).

HYPENINAE

Toothed Snout-Moth - *Bomolocha bijugalis* (Wlk.) — Fort Qu'Appelle and Meadow Lake Provincial Park.

Variiegated Snout-Moth - *Bomolocha palparia* (Wlk.) — Tantallon, Kamsack and Greenwater Provincial Park.

White-lined Bomolocha - *Bomolocha abalienalis* (Wlk.) — Maryfield.

Deceptive Bomolocha - *Bomolocha deceptalis* (Wlk.) — Norquay.

Pale-banded Snout-Moth - *Bomolocha atomaria* (Sm.) — central Saskatchewan n to Erwood and Buffalo Narrows, s to Tantallon and Frenchman Butte.

Large Bomolocha - *Bomolocha edictalis* (Wlk.) — s Saskatchewan n to Bjorkdale and Meadow Lake Provincial Park.

The Lomanaltes Snout-Moth - *Lomanaltes eductalis* (Wlk.) — s Saskatchewan n to Otter Rapids area.

Hop-vine Snout-Moth - *Hypena humuli* Harr. — s Saskatchewan n to Punnichy.

Green Clover-worm Moth - *Plathypena scabra* (F.) — Rockglen (CNC).

Dotted Snout - *Spargaloma sexpunctata* Grt. — Tantallon, Roche Percee and Fort Qu'Appelle.

EXPECTED SPECIES

Julia's Idia - *Idia julia* (B. & McD.) — w to Aweme, Manitoba (CNC).

Rotund Idia - *Idia rotundalis*(Wlk.) — w to Aweme, Manitoba.

Grayish Zanclognatha - *Zanclognatha pedipilalis* (Gn.) — w to Whitla, Alberta.

Large Hypenodes - *Hypenodes caducus* (Dyar) — n to Edmonton area of Alberta.

Sordid Bomolocha - *Bomolocha sordidula* (Grt.) - w to Aweme, Manitoba (CNC).

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FORBES, W.T.M. 1954. Lepidoptera of New York and neighboring states, Part III – Noctuidae. Cornell U. Agric. Exp. Station, Ithaca, N.Y.

HISTORY OF THE SASKATCHEWAN NATURAL HISTORY SOCIETY

Margaret Belcher is planning to write a history of the Saskatchewan Natural History Society which will trace its evolution from its beginnings as an informal group of individuals who wished to share their interest in nature and their concerns about conservation. HAVE YOU ANY SUGGESTIONS FOR HER OR MATERIALS TO CONTRIBUTE?

The official transactions of SNHS are recorded in the Society's minutes and correspondence, but she would like to have personal accounts from officers and members of the Society telling of their work with the organization in any of its roles. Local societies, particularly those which do not have published histories, are encouraged to send a brief outline of their society's organization and history, making special mention of the relationship of their society to the provincial organization and of their involvement in joint projects. Send a report, a letter, or a tape.

If you know of any other nature clubs or similar organizations formed in Saskatchewan before the provincial SNHS, this information would be of special interest.

If you can help, please contact:

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