

# A CHECK-LIST OF THE MOTHS OF SASKATCHEWAN

## PART 3 - TIGER MOTHS (ARCTIIDAE) AND TUSSOCK MOTHS (LYMANTRIIDAE)

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In the following text 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.

### Lattice Moths, Lichen Moths, Tiger Moths and Wasp Moths (Arctiidae)

These moths are usually medium sized (25-60 mm) with fairly stout, smooth abdomens which in many cases are black, streaked, or spotted with black. The wings of many of the species are in contrasting colours of black and white, black and red, or black and orange. Very few are coloured a drab brown, but some are white. None of them have the orbicular or

reniform spots of the fore-wings nor the sub-marginal bands of the hind wings that are so prevalent in most of the Owlet Moths (Noctuidae). The caterpillars are very bristly. When they pupate they do not spin much silk, but make the cocoons of matted larval hair.

### Pericopin Moths - PERICOPINAE

These day-flying moths are black and white with black or bluish abdomens. The first abdominal segment has two rounded knobs on the upper side.

Green Lattice - *Gnophaela vermiculata* (Grt.)—n Saskatchewan, s to Punnichy and Saskatoon. Also in Cypress Hills.



*Green Lattice Moths*

K.N. Roney

Lichen Moths - LITHOSIINAE

These are fairly small moths with slender bodies and rather narrow forewings. Most of the caterpillars feed on lichens.

Yellow-edged Lexis - *Eilema bicolor* (Grt.)  
— throughout Saskatchewan.

Pearly-winged Lichen Moth - *Crambidia casta* (Pack.) — s Saskatchewan, n to Somme and Prince Albert.

Black and Yellow Lichen Moth - *Lycomorpha pholus miniata* Pack. — Shaunavon.

Scarlet-winged Lichen Moth - *Hypoprepia miniata* (Kby.) — s Saskatchewan n to Squaw Rapids and Meadow Lake Park.

Painted Lichen Moth - *Hypoprepia fucosa* Hbn. — Oxbow, Roche Percee, Tantalion and Fort Qu'Appelle.

Speckled Footman - *Clemensia albata* Pack. — Norquay, Cumberland House and Prince Albert.

Tiger Moths - ARCTIINAE

These are the true Tiger Moths for in some genera the forewings have pale "tiger-stripes," while the hind wings are orange or red with black spots. The bristly caterpillars of many of the species are general feeders on a great variety of plants.

Leconte's Haploa - *Haploa lecontei* (Guer.-Meneville) — s Saskatchewan n to Cumberland House and Nipawin Provincial Park.

Lyman's Haploa - *Haploa confusa* (Lyman) — e Saskatchewan, w to Killdeer and Smoothstone Lake area, n to Otter Rapids.

Orange Holomelina - *Holomelina aurantiaca* (Hbn.) — Katepwa, Fort Qu'Appelle, Punnichy, Somme, Mistatim and Rosefield (se of Val Marie).

Spotted Salmon Tiger - *Holomelina ferruginosa* Wlk. — throughout Saskatchewan.

Small Tiger Moth - *Parasemia plantaginis* (L.) — central Saskatchewan n to Sturgeon Landing, Lynx Lake and Beauval, s to Duck Mountain Park and Punnichy. Also in Cypress Hills.

Alberta Tiger Moth - *Dodia albertae* Dyar — Patterson Lake (ne corner of Saskatchewan) and Harlan (ne of Lloydminster).

Isabella Tiger Moth - *Pyrrharctia isabella* (J.E. Smith) — s Saskatchewan n to Erwood and Battlefords Park.

Acree Moth - *Estigmene acree* (Drury) — s Saskatchewan n to Cumberland House and Meadow Lake Park.

White-bodied Estigmene - *Spilosoma congrua* Wlk. — s Saskatchewan n to Sturgeon Landing and Battlefords Park.

Dubious Tiger Moth - *Spilosoma dubia* Wlk. — Dysart, Saskatoon, Cutknife and Harlan.

Virginian Tiger Moth - *Spilosoma virginica* (F.) — s Saskatchewan n to La Ronge.

Brown Tiger Moth - *Spilosoma pteridis* Hy. Edw. — Candle Lake.

Fall Webworm - *Hyphantria cunea* (Drury) — s Saskatchewan n to the Melfort area.

Ruby Tiger Moth - *Phragmatobia fuliginosa* (L.) — s Saskatchewan n to Snowden and w to Tuxford.

Large Ruby Tiger Moth - *Phragmatobia assimilians* Wlk. — s Saskatchewan n to Somme and Green Lake.

Saint Lawrence Tiger Moth - *Platarctia parthenos* (Harr.) - central Saskatchewan

n to La Ronge and Clearwater River,  
s to Bjorkdale. Also in Cypress Hills.

Great Tiger Moth - *Arctia caja* (L.) — cen-  
tral Saskatchewan n to Sturgeon Land-  
ing, s to Somme and Bjorkdale.

Turbans Tiger Moth - *Apantesis turbans*  
(Christoph) — s Saskatchewan n to  
Bjorkdale.

Little Virgin Moth - *Apantesis virguncula*  
(Kby.) — s Saskatchewan n to Cumber-  
land House, Love and Waskesiu.

Gibson's Tiger Moth - *Apantesis gibsoni*  
McD. — Regina, Killdeer and Val

Marie.

Blake's Tiger Moth - *Apantesis blakei* (Grt.)  
— Fort Qu'Appelle, Buffalo Pound  
Park and Fort Walsh.

William's Tiger Moth - *Apantesis william-  
sii* (Dodge) — s Saskatchewan n to  
Bainbridge (n of Hudson Bay), Jay Jay  
Lake (near Big Sandy L.) and Loon  
Lake.

Celia Tiger Moth - *Apantesis celia* (Saund.)  
— Cypress Hills Park (CNC).

Oithona Tiger Moth - *Apantesis oithona*  
(Stkr.) — Rutland (CNC).



*Banded Woolly Bear, Isabella Tiger Moth larva*

*S. Brisson*



*Acraea* Moth

F.W. Lahrman

Parthenice Tiger Moth - *Apantesis parthenice* (Kby.) — s Saskatchewan n to Cumberland House, Jay Jay Lake and Meadow Lake Park.

Delicate Tiger Moth - *Cycnia tenera* Hbn. — Maryfield, Indian Head and Rosefield (se of Val Marie).

Virgin Tiger Moth - *Apantesis virgo* (L.) — s Saskatchewan n to Shoal Lake, Love and Loon Lake.

Oregon Euchaetas - *Cycnia oregonensis* (Stretch) — s Saskatchewan n to Round Lake (S of Stockholm), Indian Head and Cutknife.

Doris Tiger Moth - *Apantesis doris* (Bdv.) — Estevan (CNC).

Banded Tussock Moth - *Lophocampa maculata* Harr. — s Saskatchewan n to Harriott Lake area and La Ronge area.

Wasp Moths - CTENUCHINAE

These day-flying moths superficially resemble wasps by having metallic-blue bodies and some species have semi-transparent hind wind wings.



*St. Lawrence Tiger Moth*

K.N. Roney

Virginian Ctenucha - *Ctenucha virginica* (Esp.) — e Saskatchewan w to Tantalion, Bjorkdale, Love, Montreal Lake and La Ronge.

Yellow-collared Scape Moth - *Cisseps fulvicollis* (Hbn.) — s Saskatchewan n to Otter Rapids.

Butler's Wasp Moth - *Antichloris viridis* Druce — Regina (accidental with bananas).

**Expected Species**

Many-spotted Tiger Moth - *Turuptiana permaculata* (Pack.) — n to Drumheller, Alberta.

Superb Tiger Moth - *Apantesis geneura* (Stkr.) — n to Aweme, Manitoba and the Calgary area of Alberta.

Lined Ruby Tiger Moth - *Phragmatobia lineata* New. & Don. — e North America w to Calgary, Alberta.



Rusty Tussock Moth larva

K.N. Roney

### Tussock Moths (Lymantriidae)

Medium-sized moths with hairy bodies and legs. The hind wings are almost as long as the forewings. The bristly caterpillars have long hair tufts at front and rear, giving the name "Tussock Moths."

#### LIPARIDAE

Dorsal-tufted Tussock Moth - *Dasychira dorsipennata* (B. & McD.) — Douglas Park.

Variable Tussock Moth - *Dasychira vagans* (B. & McD.) — s Saskatchewan n to Hamell Lake (w of Creighton) and La Ronge.

Pine Tussock Moth - *Dasychira plagiata* (Wlk.) — central Saskatchewan n to Jan Lake area, Smoothstone Lake area and Pierce Lake area, s to Moose Mountain area and Craven area.

Rusty Tussock Moth - *Orgyia antiqua* (L.) — s Saskatchewan n to La Ronge area and Patuanak area.

White-marked Tussock Moth - *Orgyia leucostigma* (J.E. Smith) — Balcarres area, Langham area and Stanley area.

<sup>1</sup> DONAHUE, J.P. and J.H. NEWMAN 1966. The genus *Phragmatobia* in North America, with the description of a new species. *The Michigan Entomologist*, 1(2).

<sup>2</sup> FERGUSON, D.C. 1953. On the identity and status of *Eubaphe lamae* Freeman. *Canadian Entomologist* 85:371-373.

<sup>3</sup> FERGUSON, D.C. 1978. In R.B. DOMINICK et al. Noctuoidea: Lymantriidae. The moths of America north of Mexico. fasc. 22.2. E.W. Classey Ltd., London.

<sup>4</sup> PRENTICE, R.M. 1962. Forest Lepidoptera of Canada recorded by the Forest Insect Survey. Volume 2 - Nycteolidae, Notodontidae, Noctuidae, Liparidae. Bull. 128, For. Entomology and Pathology Branch, Can. Dept. For.

<sup>5</sup> TSHISTJAKOV, Y.A. and J.D. LAFONTAINE 1984. A review of the genus *Dodia* Dyar, with description of a new species from Eastern Siberia and Northern Canada. *Can. Entomologist* 116:1549-1556.