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

127

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, Tantallon 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 fore-wings 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.
- Acrea Moth Estigmene acrea (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 assimilans 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.) — central Saskatchewan n to Sturgeon Landing, 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 Cumberland House, Love and Waskesiu.

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

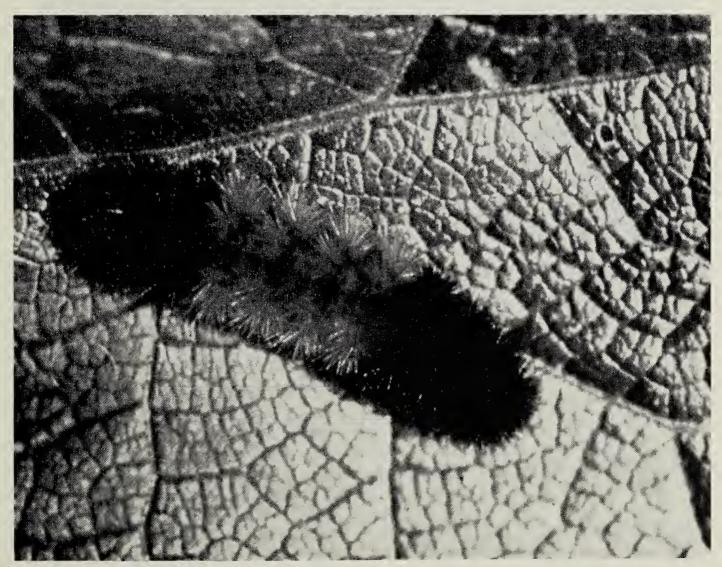
Blake's Tiger Moth - Apantesis blakei (Grt.)

— Fort Qu'Appelle, Buffalo Pound
Park and Fort Walsh.

William's Tiger Moth - Apantesis williamsii (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 Wooly 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.

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

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.

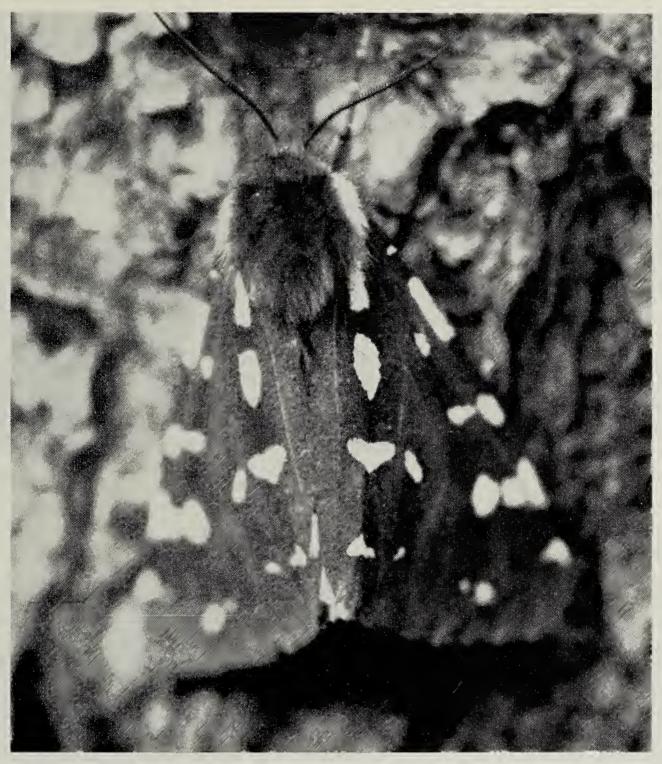
Delicate Tiger Moth - Cycnia tenera Hbn.

— Maryfield, Indian Head and Rosefield (se of Val Marie).

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

Wasp Moths - CTENUCHINAE

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



St. Lawrence Tiger Moth

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Virginian Ctenucha - Ctenucha virginica (Esp.) — e Saskatchewan w to Tantallon, 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

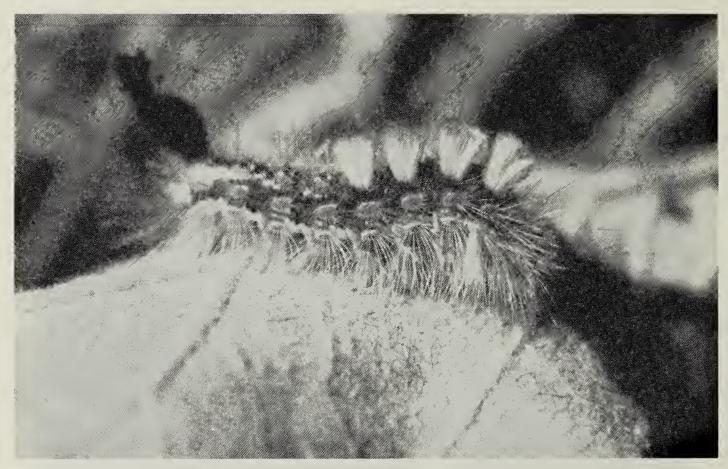
Druce — Regina (accidental with bananas).

Expected Species

Many-spotted Tiger Moth - *Turuptiana per-maculata* (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

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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.

- ¹ 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).
- ² FERGUSON, D.C. 1953. On the identity and status of *Eubaphe lamae* Freeman. *Canadian Entomologist* 85:371-373.
- ³ 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.
- ⁴ 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.
- ⁵TSHISTJAKOV, 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.