

CHECK-LIST OF SASKATCHEWAN MOTHS

PART 11: PENMANS, ARCHES, ARMYWORMS, AND STYLUS MOTHS

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Abbreviations used: s = south, n = north, w = west, e = east, CNC = the only known Saskatchewan records of the species are in the Canadian National Collection in Ottawa. Unless otherwise indicated all the species are represented in the collection of the Saskatchewan Museum of Natural History, Regina. Species are listed according to R.W. Hodges's *Check List of Lepidoptera in North America North of Mexico*.

Penmans, Polias, Armyworms, and Stylus Moths (*Hadeninae*)

Moths of this subfamily are readily distinguished from all other Owlet Moths (except *Pantheinae*) by the fact that they have hairy eyes. If you get a side view of the eyes with a 10x magnifying glass you can see long bristles sticking out all over their surfaces. The *Pantheinae* males normally have pectinate ("feathery") antennae.

Except for *Anarta*, our moths of the *Hadeninae* are non-conspicuously coloured in various shades of brown. This subfamily contains a number of pest species such as the Clover Cutworm, the Bertha Armyworm and the Armyworm.

The Variable Penman is one of our earliest spring moths, flying on April nights when it is scarcely above freezing.

The Little Hadenia - *Hadenella pergentilis* (Grote). Swift Current (Department of Agriculture Collection in Saskatoon).

Clover Cutworm - *Discestra trifolii* (Hufn.) - s Sask., n to Red Earth.

The Changeling - *Discestra mutata* (Dod) - s Sask., n to Aylsham.

Hamilton Discestra - *Discestra hamata* (McD.) - Cypress Hills (CNC).

The Oregonian - *Discestra oregonica* (Grt.) - Killdeer, Val Marie, and Cypress Hills.

Obese Discestra - *Discestra obesula* (Sm.) - Moose Mountain Provincial Park, Aylsham, and Saskatoon.

Farnham's Discestra - *Discestra farnhami* (Grt.) - s Sask., n to Love.



Rosy Penman (Sideridis rosea).

Keith Roney

Crotch's Discestra - *Discestra crotchi* (Grt.) - Val Marie.

Chunka Cutworm - *Discestra chunka* (Sm.) - s Sask., n to Aylsham.

Fervid Scotogramma - *Scotogramma fervida* (B. and McD.) - Swift Current (CNC).

Added Scotogramma - *Scotogramma addenda* (B. and Benj.) - Killdeer and Val Marie.

Postica Penman - *Trichoclea postica* (Sm.) - Swift Current (CNC) and Roche Percee.

Brown and White Penman - *Trichoclea artesta* (Sm.) - Indian Head and Estuary.

Rosy Penman - *Sideridis rosea* (Harv.) - s Sask., n to Nipawin.

Ruby Penman - *Sideridis maryx* (Gn.) - Douglas Provincial Park, Christopher Lake, Cutknife, and Harlan (ne of Lloydminster).

Bertha Armyworm - *Mamestra configurata* (Wlk.) - s Sask., n to Shoal Lake, Red Earth, and Meadow Lake Provincial Park.

Large Grey Arches - *Polia discalis* (Grt.) - s Sask., n to Aylsham.

Mystic Arches - *Polia nimbosa mystica* (Sm.) - s Sask., n to Greenwater Provincial Park.

Cloudy Arches - *Polia imbrifera* (Gn.) - s Sask., n to Cumberland House and Buffalo Narrows.

Rogenhofer's Arches - *Polia rogenhoferi* (Moschi) - Wildcat Hill Wilderness Area. Also reported for Sask. by D. La Fontaine.

McCabe's Arches - *Polia propodea* (McCabe) - Wildcat Hill Wilderness Area.

Pale-tinted Arches - *Polia purpurisata* (Grt.) - s Sask., n to Nipawin Provincial Park and Gordon Lake (n of Pinehouse Lake).



Darling Arches (*Lacanobia lutra*).

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Frivolous Arches - *Polia nugatis* (Sm.) - sw Sask., n to Fort Qu'Appelle, Beverley, and Tompkins.

Dingy Arches - *Polia detracta* (Wlk.) - s Sask., n to Sturgeon Landing.

Pointed Arches - *Polia goodelli* (Grt.) - s Sask., n to Love and Candle Lake.

Obscure Arches - *Polia obscura* (Sm.) - s Sask., n to Red Earth and Meadow Lake Provincial Park.

White-spotted Arches - *Melanchra adjuncta* (Gn.) - s Sask., n to Wildcat Hill Wilderness Area and Aylsham.

Painted Arches - *Melanchra picta* (Harr.) - s Sask., n to Shoal Lake.

Powdered Arches - *Melanchra pulverulenta* (Sm.) - Wildcat Hill Wilderness Area, Greenbush campsite (w of Hudson Bay), Waskesiu area, and Cypress Hills.

Black Arches - *Melanchra assimilis* (Morr.) - central Sask., n to Shoal

Lake, s to Lestock and Saskatoon.

Nevada Arches - *Lacanobia nevadae* (Grt.) - Duck Mountain Provincial Park and Somme.

Atlanta Arches - *Lacanobia atlantica* (Grt.) - s Sask., n to Cumberland House and Meadow Lake Provincial Park.

Garden Arches - *Lacanobia radix* (Wlk.) - s Sask., n to Sturgeon Landing and Clearwater River campsite.

Harnessed Arches - *Lacanobia subjuncta* (G. & R.) - s Sask., n to Love.

Pale-banded Arches - *Lacanobia grandis* (Gn.) - Tantallon, Crooked Lake, Kamsack, and Rosefield (se of Val Marie).

Darling Arches - *Lacanobia lutra* (Gn.) - s Sask., n to Shoal Lake and Harlan (ne of Lloydminster).

Tacoma Arches - *Lacanobia tacoma* (Stkr.) - s Sask., n to Aylsham and Lashburn.



Variable Penman (*Osthosia hibisci*).

Keith Roney

Striped Garden Caterpillar - *Lacanobia legitima* (Grt.) - Lestock and Tompkins.

Dod's Arches - *Lacanobia dodii* (Sm.) - s Sask., n to Aylsham, Prince Albert and Onion Lake.

Lilac Arches - *Lacanobia lilacina* (Harv.) - s Sask., n to Carrot River.

Liquid Arches - *Lacanobia liquida* (Grt.) - s Sask., n to Shoal Lake and Onion Lake.

Quadrate Arches - *Papestra quadrata ingravis* (Sm.) - s Sask., n to Somme and Ile-a-la-Crosse.

Crested Arches - *Papestra cristifera* (Wlk.) - Kamsack and Wildcat Hill Wilderness Area.

Anarta Mimic - *Anartomima secedens* (Wlk.) - Harlan (ne of Lloydminster) (CNC) and Wildcat Hill Wilderness Area.

Prairie Capsule Moth - *Anepia circumvadis* (Sm.) - s Sask., n to Saskatoon and Cutknife.

The Cobbler - *Hecatera sutrina* (Grt.) - Weekes, Somme, Saskatoon and Glentworth.

Canadian Catocaline Anarta - *Anarta cordigera* (Thunb.) - n Sask., s to Greenbush campsite (w of Hudson Bay) and Prince Albert.

Seal - *Lasiestra* sp. - Hasbala Lake.

Seal - *Lasionycta* sp. - Patterson Lake (w of Hasbala Lake).

The Thinker - *Lacinipolia meditata* (Grt.) - s Sask., n to Shoal Lake and Prince Albert.

Lustrous Arches - *Lacinipolia lustralis* (Grt.) - s Sask., n to Shoal Lake, Love, Prince Albert, and Loon Lake.

Snaky Arches - *Lacinipolia anguina* (Grt.) - s Sask., n to Aylsham and Ile-a-la-Crosse.

Longiclava Arches - *Lacinipolia longiclava* (Sm.) - reported for Sask. by H. McDonald.

Small Grey Arches - *Lacinipolia vicina* (Grt.) - s Sask., n to Nipawin Provincial Park.

Kidney-spotted Arches - *Lacinipolia renigera* (Steph.) - s Sask., n to Pelican Narrows, La Ronge, and Buffalo Narrows.

Bridled Arches - *Lacinipolia lorea* (Gn.) - s Sask., n to Cumberland House, Candle Lake, and Loon Lake.

Olive Arches - *Lacinipolia olivacea* (Morr.) - s Sask., n to Creighton.

The Girdler - *Dargida procincta* (Grt.) - s Sask., n to Bjorkdale and Saskatoon.

Wheat-Head Armyworm - *Faronta diffusa* (Wlk.) - s Sask., n to Carrot River and Buffalo Narrows.

Lesser Wainscot - *Aletia oxygala* (Grt.) - throughout Sask.

Armyworm - *Pseudaletia unipuncta* (Haw.) - s Sask., n to Shoal Lake and La Ronge.

Anteoclara Wainscot - *Leucania anteoclara* (Sm.) - Fort Qu'Appelle, Saskatchewan Landing Provincial Park, Piapot, and Cypress Hills.

Phragmites Wainscot - *Leucania phragmatidicola* (Gn.) - Halbrite.

Many-lined Wainscot - *Leucania multilinea* (Wlk.) - s Sask., n to Aylsham.

Comma Wainscot - *Leucania commoides* (Gn.) - s Sask., n to Aylsham.

Heterodox Wainscot - *Leucania insueta* (Gn.) - throughout Sask.

Grey Spectacles - *Stretchia plusiae-*

formis (Hy.Edw.) - s Sask., n to Aylsham.

Beautiful Penman - *Orthosia revicta* (Morr.) - s Sask., n to Otter Rapids.

Segregate Penman - *Orthosia segregata* (Sm.) - s Sask., n to Bainbridge campsite (n of Hudson Bay).

Variable Penman - *Orthosia hibisci* (Gn.) - s Sask., n to La Ronge area.

Norman's Quaker - *Crocigrapha normani* (Grt.) - s Sask., n to Cumberland House.

Curialis Woodling - *Egira curialis* (Grt.) - Swift Current (CNC).

Grieving Woodling - *Egira dolosa* (Grt.) - s Sask., n to Kinoosao area.

Ruddy Woodling - *Egira rubrica* (Harv.) - Rosefield (se of Val Marie) and Estuary.

Bicolored Woodling - *Morrisonia evicta* (Grt.) - Fort Qu'Appelle.

White-lined American - *Tholera americana* (Sm.) - Stoughton, Saskatoon, and Swift Current (CNC).

Shaded Umber - *Nephelodes minians* (Gn.) - s Sask., n to Shoal Lake and La Ronge.

Brown Stylus - *Anhimella contrahens* (Wlk.) - s Sask., n to Somme and Saskatoon.

Scurfy Quaker - *Homorthodes fufurata* (Grt.) - s Sask., n to Aylsham and Loon Lake.

Utah Quaker - *Protorthodes utahensis* (Sm.) - Mortlach.

Island Stylus - *Protorthodes oviduca* (Gn.) - throughout Sask.

Orbiculate Stylus - *Ulolonche orbicu-*

lata (Sm.) - Rosefield (se of Val Marie), Val Marie, Piapot, and Cutknife.

Rustic Quaker - *Orthodes crenulata* (Butler) - Tantalton.

Cynical Quaker - *Orthodes cynica* (Gn.) - se Sask., n to Wildcat Hill Wilderness Area and w to Pike Lake.

Expected Species

Antica Penman - *Trichoclea antica* (Sm.) - n to Malta, Montana.

Eastern Armyworm - *Mamestra curialis* (Sm.) - from Quebec w to Edmonton, Alberta.

Capsule Moth - *Anepia capsularis* (Gn.) - e Canada, w to Aweme, Manitoba.

Brown Spectacles - *Stretchia muricina* (Grt.) - British Columbia e to Medicine Hat, Alberta.

Western Penman - *Orthosia pacifica* (Harv.) - British Columbia e to Winnipeg, Manitoba.

Distinct Quaker - *Achatia distincta* Hbn. - e Canada, w to Cartwright, Manitoba.

Dingy Stylus - *Protorthodes curtica* (Sm.) - British Columbia e to Manyberries, Alberta.

Akalus Stylus - *Protorthodes akalus* (Stkr.) - Montana, n to Dinosaur Park, Alberta.

Small Brown Quaker - *Pseudorthodes vecors* (Gn.) - Newfoundland w to Cartwright, Manitoba.

Signate Quaker - *Tricholita signata* (Wlk.) - Nova Scotia w to Cartwright, Manitoba.

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