

REVISED CHECKLIST OF SASKATCHEWAN BUTTERFLIES

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With the publishing of *A catalogue/checklist of the butterflies of America north of Mexico* it has become necessary to revise Saskatchewan's butterflies checklist, and update the scientific names.⁴ In the "Machaon" group of Swallowtails, I have used some of the changes that are suggested by Felix Sperling.⁷ For the genus *Polygonia*, I have followed the arrangement given by Scott.⁶ Other changes are identified in the text.

Wherever there are new species being dealt with that are not recorded in *Butterflies of Saskatchewan*, the basis for these new records is given.³ An asterisk (*) is placed in front of each new species. Abbreviations are used for directions (i.e., n. = north, s. = south, e. = east, w. = west). In *Butterflies of Saskatchewan*, 135 species of butterflies were recorded for Saskatchewan in 1973.

The present list contains 144 species.

HESPERIOIDEA

HESPERIIDAE — SKIPPERS PYGINAE

SILVER-SPOTTED SKIPPER

— *Epargyreus clarus* (Cramer)

- s. Sask., n. to Wadena and Batoche.

NORTHERN CLOUDY WING — *Thorybes pylades* (Scudder)

- s. Sask., n. to Pelican Narrows and Otter Rapids.

DREAMY DUSKY WING — *Erynnis icelus* (Scudder and Burgess)

- throughout Sask.

SLEEPY DUSKY WING — *Erynnis brizo* (Boisduval and Leconte)

- Tantallon, Hazelcliffe and Round Lake (n. of Whitewood).

JUVENAL'S DUSKY WING — *Erynnis juvenalis* (Fabricius)

- Tantallon, Round Lake (n. of Whitewood), and Oxbow.

AFRANIUS DUSKY WING — *Erynnis afranius* (Lintner)

- s. Sask., n. to Yorkton, Punnichy and Snipe Lake.

PERSIUS DUSKY WING — *Erynnis persius fredericki* (Freeman)

- s. Sask., n. to Deschambault Lake.

GRIZZLED SKIPPER — *Pyrgus centaureae freija* (Warren)

- n. Sask., s. to Weekes and Flotten Lake.

SMALL CHECKERED SKIPPER — *Pyrgus scriptura* (Boisduval)

- Rosefield Badlands, (s.e. of Val Marie) - one male collected by Ronald Hooper on 19 May 1983.

CHECKERED SKIPPER — *Pyrgus communis* (Grote)

- s. Sask., n. to Punnichy, Saskatoon and Frenchman Butte.

HETEROPTERINAE

ARCTIC SKIPPER — *Carterocephalus palaemon mandan* (W.H. Edwards)

- n. Sask., s. to Moose Mountain Park, Fort Qu'Appelle, Punnichy and Kerrobert.

HESPERIINAE

LEAST SKIPPER — *Ancyloxypha numitor* (Fabricius)

- e. Sask., w. to Moose Mountain Park, Tantallon, Norquay and n. to McBride Lake and Smoking Tent (e. of Hudson Bay).

GARITA SKIPPER — *Oarisma garita* (Reakirt)

- s. Sask., n. to Archerwill, Prince Albert and Pierceland.

RHESUS SKIPPER — *Yvretta rhesus* (W.H. Edwards)

- Fort Qu'Appelle and Rosefield Badlands (s.e. of Val Marie).

UNCAS SKIPPER — *Hesperia uncas* (W.H. Edwards)

- s. Sask., n. to Round Lake (n. of Whitewood) and Sask. Landing Park.

MANITOBA SKIPPER — *Hesperia comma manitoba* (Scudder)

- n. Sask., s. to Pasquia Hills and Nipawin Provincial Park.

ASSINIBOIA SKIPPER — *Hesperia comma assiniboia* (Lyman)

- s. Sask., n. to Somme, Chelan, Saskatoon and Battleford.

*HARPALUS SKIPPER — *Hesperia comma harpalus* (W.H. Edwards)

- Cypress Hills (several collected in Cypress Hills area belong to this subspecies, according to Bill McGuire, Colorado).

PAWNEE SKIPPER — *Hesperia pawnee* (Dodge)

- Redvers.

PAHASKA SKIPPER — *Hesperia pahaska* (Leussler)

- Big Muddy Lake, Rosefield (s.e. of Val Marie).

NEVADA SKIPPER — *Hesperia nevada* (Scudder)

- s. Sask., n. to Wadena and Cutknife.

PECK'S SKIPPER — *Polites coras* (Cramer)

- s. Sask., n. to Otter Rapids and Buffalo Narrows.

DRACO SKIPPER — *Polites draco* (W.H. Edwards)

- Cypress Hills.

TAWNY-EDGED SKIPPER — *Polites themistocles* (Latreille)

- s. Sask., n. to Porcupine Plain, Prince Albert and Meadow Lake Park.

LONG DASH — *Polites mystic dacotah* (W.H. Edwards)

- s. Sask., n. to Bainbridge, Prince Albert and Meadow Lake Park.

DELAWARE SKIPPER — *Atrytone logan* (W.H. Edwards)

- s. Sask., n. to Round Lake (n. of Whitewood), Regina, Buffalo Pound Park, Saskatchewan Landing and Estuary.

*WOODLAND SKIPPER — *Ochlodes sylvanoides* (Boisduval)

- several collected at Val Marie by Keith Roney and Ronald Hooper on 11 August 1983.

HOBOMOK SKIPPER — *Poanes hobomok* (Harris)

- central Sask., n. to Bainbridge and Peerless, s. to Moose Mountain Park and Moose Jaw.

DUN SKIPPER — *Euphyes ruricola* (Boisduval)

- s. Sask., n. to Deschambault Lake and La Ronge.

DUSTED SKIPPER — *Artrytonopsis hian-na* (Scudder)

- Kamsack, Tantallon and Crooked Lake.

SIMIUS ROADSIDE SKIPPER — *Amblyscirtes simius* (W.H. Edwards)

- Rosefield Badlands, (s.e. of Val Marie), Val Marie.

OSLAR'S ROADSIDE SKIPPER — *Amblyscirtes oslari* (Skinner)

- Roche Percee, Val Marie and Estuary.

ROADSIDE SKIPPER — *Amblyscirtes vialis* (W.H. Edwards)

- s. Sask., n. to Sturgeon Landing and Otter Rapids.

PAPILIONOIDEA

PAPILIONIDAE - SWALLOWTAILS

PARNASSIINAE

*CLOUDED PARNASSIAN — *Parnassius phoebus smintheus* (Doubleday)

- one collected by Wayne Harris near Fort Walsh on 6 July 1982.

PAPILIONINAE

BLACK SWALLOWTAIL — *Papilio polyxenes asterius* (Stoll)

- Lake Alma (probably a stray)



Clouded Parnassian

C.R. Wershler

KAHLI SWALLOWTAIL — *Papilio polyxenes kahli* (F. and R. Chermock)

- e. Sask., w. to Arcola, Fort Qu'Appelle and Simpson, n. to Somme.

BADLAND OLD WORLD SWALLOWTAIL — *Papilio machaon dodi* (McDunnough)

- what was called *P.b. brucei*, is lumped together here with *P. m. dodi*. True *P.b. brucei* occurs in Colorado.

- s. Sask., n. to Crooked Lake and Punnichy.

OLD WORLD SWALLOWTAIL — *Papilio machaon hudsonianus* (Clark)

- n. Sask., s. to Duck Mountain Park, Chelan and Paddockwood.

ZELICAON SWALLOWTAIL — *Papilio zelicaon* (Lucas) [Gothic Swallowtail - yellow form; Nitra Swallowtail - black form].

- s. Sask., n. to Punnichy and Eston.

CANADIAN TIGER SWALLOWTAIL — *Pterourus glaucus canadensis* (Rothschild and Jordan)

- throughout Sask.

*TWO-TAILED SWALLOWTAIL — *Pterourus multicaudata* (Kirby)

- one taken in Cypress Hills by M. Conrad on 9 August 1977; one taken near Bracken by L. Wright in July 1980; one photograph taken in June 1980 by Wayne Lynch s.e. of Val Marie along Frenchman River.

PIERIDAE - WHITES, MARBLES AND SULPHURS

PIERINAE

CHECKERED WHITE — *Pontia protodice* (Boisduval and Leconte)

- s. Sask., n. to Tantalion, Fort Qu'Appelle and Battleford.

WESTERN CHECKERED WHITE — *Pontia occidentalis* (Reakirt)

- throughout Sask.

MUSTARD WHITE — *Artogeia napi oleracea* (Harris)

- n. Sask., s. to Togo, Chelan, Kinistino and Harlan.

WESTERN MUSTARD WHITE — *Artogeia napi marginalis* (Scudder)

- Cypress Hills.

CABBAGE WHITE — *Artogeia rapae* (Linnaeus)

- s. Sask., n. to Pelican Narrows, La Ronge and La Loche.

ANTHOCARINAE

LARGE MARBLE — *Euchloe ausonides mayi* (F. and R. Chermock)

- central Sask., n. to Nipawin Provincial Park, s. to Togo, Eston and Cypress Hills.

*LARGE MARBLE — *Euchloe ausonides palaeoreios* (Johnson)

- Roche Percee area. Two specimens in American Museum of Natural History.

*CREUSA MARBLE — *Euchloe creusa* (Doubleday)

- Briarlee (near Shellbrook) 20 May 1976, collected by Wayne Harris; also collected by Keith Roney and Ronald Hooper at Prince Albert on 8 June 1982.

OLYMPIA MARBLE — *Euchloe olympia* (W.H. Edwards)

- s. Sask., n. to Regina and Dundurn.

COLIADINAE

WESTERN COMMON SULPHUR — *Colias philodice eriphyle* (W.H. Edwards)

- s. Sask., n. to Uranium City.

ORANGE SULPHUR — *Colias eurytheme* (Boisduval)

- s. Sask., n. to Sturgeon Landing, La Ronge and Turnor Lake.

QUEEN ALEXANDRA'S SULPHUR — *Colias alexandra alexandra* (W.H. Edwards)

- Big Muddy Lake, Killdeer Badlands, Claydon, Cypress Hills and Estuary.

CHRISTINA SULPHUR — *Colias alexandra christina* (W.H. Edwards)

- s. Sask., n. to Bainbridge, Prince Albert and Frenchman Butte.

GIANT SULPHUR — *Colias gigantea gigantea* (Strecker)

- n. Sask., s. to Duck Mountain Park and Prince Albert.

WESTERN GIANT SULPHUR — *Colias gigantea harroweri* (Klots)

- Cypress Hills.

PINK-EDGED SULPHUR — *Colias interior* (Scudder)

- n. Sask., s. to Somme, Chelan and Harlan.

PALAENO SULPHUR — *Colias palaeno chippewa* (W.H. Edwards)

- Hasbala Lake, Black Lake and Stony Rapids.

DAINTY SULPHUR — *Eurema mexicana* (Boisduval)

- near Round Lake (n. of Whitewood).

LYCAENIDAE - GOSSAMER-WINGED BUTTERFLIES

LYCAENINAE

AMERICAN COPPER — *Lycaena phlaeas arethusa* (Wolley-Dod)

- Regina.

GREAT COPPER — *Gaeides xanthoides dione* (Scudder)

- s. Sask., n. to Punnichy and Saskatoon.

BRONZE COPPER — *Hyllolycaena hyllus* (Cramer)

- s. Sask., n. to Pelican Narrows and Buffalo Narrows.

RUDDY COPPER — *Chalceria rubidus* (Behr)

- s.w. corner of Saskatchewan, n. to Tompkins and Estuary.

DORCAS COPPER — *Epidemia dorcas* (Kirby)

- n. Sask., s. to Togo, Silver Park, Duck Lake and Harlan.

PURPLISH COPPER — *Epidemia helloides* (Boisduval)

- s. Sask., n. to Bainbridge and Smoothstone Lake.

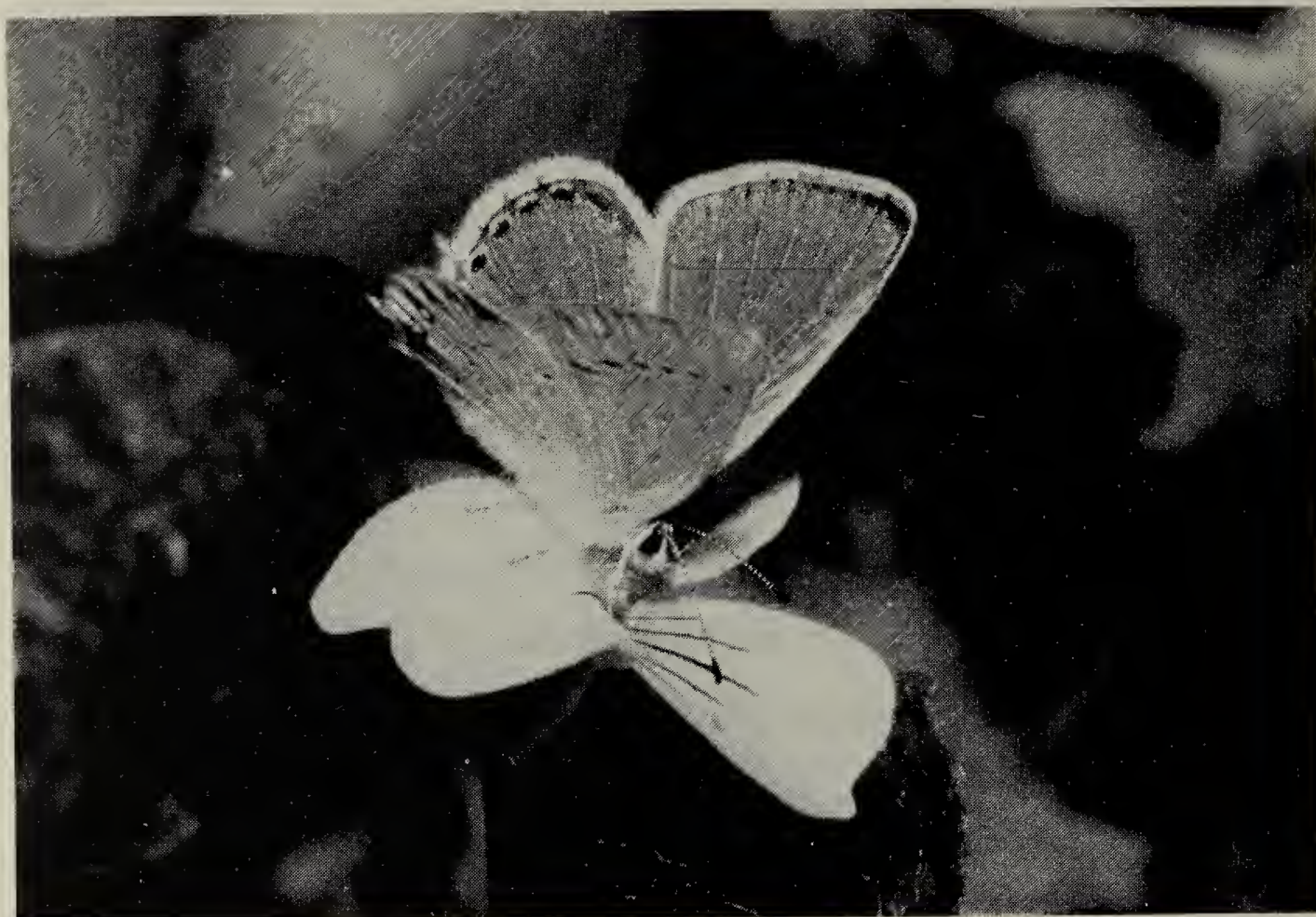
REAKIRT'S COPPER — *Epidemia mariposa* (Reakirt)

- Cypress Hills, central Sask., e. to Montreal Lake.

THECLINAE

CORAL HAIRSTREAK — *Harkenclenus titus titus* (Fabricius)

- s. Sask., n. to Moose Jaw and Tompkins.



Western Tailed Blue

C.R. Wershler

CORAL HAIRSTREAK — *Harkenclenus titus immaculosus* (Comstock)

ACADIAN HAIRSTREAK — *Satyrium acadica watrini* (Dufrane)

- s. Sask., n. to Wadena and Dundurn.

EDWARD'S HAIRSTREAK — *Satyrium edwardsii* (Grote and Robinson)

- Maryfield, Tantallon, Round Lake (n. of Whitewood).

STRIPED HAIRSTREAK — *Satyrium liparops fletcheri* (Michener and dos Passos)

- s. Sask., n. to Bainbridge and Nipawin.

*STRIPED HAIRSTREAK — *Satyrium liparops aliparops* (Michener and dos Passos)

- Killdeer Badlands.

RED-BANDED HAIRSTREAK — *Calycopis cecrops* (Fabricius)

- Limerick.

JUNIPER HAIRSTREAK — *Mitoura siva* (W.H. Edwards)

- Rosefield badlands (s.e. of Val Marie).

BROWN ELFEN — *Incisalia augustus augustus* (Kirby)

- n. Sask., s. to Preeceville, Punnichy, Duck Lake and Harlan.

*WESTERN BROWN ELFEN — *Incisalia augustus iroides* (Boisduval)

- Cypress Hills and Tompkins.

HOARY ELFEN — *Incisalia polios obscurus* (Ferris and Fisher)

- s. Sask., n. to Davin Lake and La Loche.

PINE ELFEN — *Incisalia nippon clarki* (Freeman)

- central Sask., s. to Chelan, Prince Albert and Loon Lake.

WESTERN PINE ELFEN — *Incisalia eryphon* (Boisduval)

- Cypress Hills, n. Sask., s. to Otter Rapids.

GRAY HAIRSTREAK — *Strymon melinus humuli* (Harris)

- s. Sask., n. to Duck Lake.



Greenish Blue

Gary Anweiler

*MARINE BLUE — *Leptotes marina* (Reakirt)

- one specimen taken at Glenside on 11 September 1939 by J. W. Joyce.

REAKIRT'S BLUE — *Hemiargus isola* (Reakirt)

- Tantallon.

WESTERN TAILED BLUE — *Everes amyntula albrighti* (Clench)

- s. Sask., n. to Pelican Narrows, Otter Rapids and Turnor Lake.

SPRING AZURE — *Celastrina ladon lucia* (Kirby)

- throughout Sask.

SPOTTED BLUE — *Euphilotes enoptes ancilla* (Barnes and McDunnough)

- Rosefield Badlands (s.e. of Val Marie), Val Marie.

ARROWHEAD BLUE — *Glaucopsyche piasus* (Boisduval)

- Cypress Hills.

COUPER'S SILVERY BLUE — *Glaucopsyche lygdamus couperi* (Grote)

- central Sask., s. to Silver Park, Prince Albert and Loon Lake.

AFRA SILVERY BLUE — *Glaucopsyche lygdamus afra* (W.H. Edwards)

- s. Sask., n. to Somme and Meadow Lake Park.

*ORO SILVERY BLUE — *Glaucopsyche lygdamus oro* (Scudder)

- Cypress Hills, Val Marie and Killdeer Badlands.

SCUDDER'S BLUE — *Lycaeides argyrogomon scudderi* (W.H. Edwards)

- n. Sask., s. to Togo, Silver Park and Cutknife.

NORTHERN BLUE — *Lycaeides argyrogomon* ssp.

- s. Sask., n. to Crooked Lake and Tompkins.

MELISSA BLUE — *Lycaeides melissa* (W.H. Edwards)

- s. Sask., n. to Sturgeon Landing and Battleford Park.



Great Spangled Fritillary (right) and Northwestern Silverspot (left) J.B. Collop

GREENISH BLUE — *Plebejus saepiolus amica* (W.H. Edwards)

- s. Sask., n. to Uranium City.

PEMBINA BLUE — *Icaricia icarioides pembina* (W.H. Edwards)

- Cypress Hills, Killdeer Badlands and Rockglen.

SHASTA BLUE — *Icaricia shasta minnehaha* (Scudder)

- s.w. Sask., e. to Big Muddy, n. to Sask. Landing Park, Eston and Estuary.

ACMON BLUE — *Icaricia acmon lutzi* (dos Passos)

- s. Sask., n. to Lebret, Regina, Saskatchewan Landing and Eston.

YUKON BLUE — *Vacciniina optilete yukona* (Holland)

- n. Sask., s. to Weekes.

PRECAMBRIAN ARCTIC BLUE — *Agriades franklinii lacustris* (Freeman)

- n. Sask., s. to Namew Lake.

PRAIRIE ARCTIC BLUE — *Agriades franklinii* ssp.

- formerly called *rustica*, but our subspecies may be distinct.

- s. Sask., n. to Bainbridge and Prince Albert.

RIODINIDAE - METALMARKS

*MORMON METALMARK — *Apodemia mormo* (C. and R.Felder)

- Killdeer Badlands and Val Marie.

NYMPHALIDAE - BRUSH-FOOTED BUTTERFLIES

ARGYNNINAE

VARIEGATED FRITILLARY — *Euptoieta claudia* (Cramer)

- s. Sask., n. to Bainbridge, Montreal Lake and Smoothstone Lake.

GREAT SPANGLED FRITILLARY — *Speyeria cybele pseudocarpenteri* (F. and R. Chermock)

- s. Sask., n. to Bainbridge and La Ronge.

- APHRODITE — *Speyeria aphodite manitoba* (F. and R. Chermock)
- s. Sask., n. to Bainbridge and Buffalo Narrows.
- EDWARD'S FRITILLARY — *Speyeria edwardsii* (Reakirt)
- Oxbow, Killdeer Badlands and Cypress Hills.
- ZERENE FRITILLARY — *Speyeria zerene garretti* (Gunder)
- Cypress Hills and Eastend.
- CALLIPPE FRITILLARY — *Speyeria callippe calgariana* (McDunnough)
- s. Sask., n. to Duck Lake.
- ATLANTIS FRITILLARY — *Speyeria atlantis hollandi* (F. and R. Chermock)
- n. Sask., s. to Duck Mountain Park, Chelan and Duck Lake.
- BEAN'S FRITILLARY — *Speyeria atlantis beani* (Barnes and Benjamin)
- Cypress Hills.
- NORTHWESTERN SILVERSPOT — *Speyeria atlantis lais* (W.H. Edwards)
- s. Sask., n. to Deschambault Lake and Buffalo Narrows.
- *HYDASPE FRITILLARY — *Speyeria hydaspe sakuntala* (Skinner)
- one taken in Cypress Hills by M. Conrad on 9 August 1977.
- MORMONIA FRITILLARY — *Speyeria mormonia eurynome* (W.H. Edwards)
- s. Sask., n. to Somme and Prince Albert.
- BOG FRITILLARY — *Procllossiana eunomia dawsoni* (Barnes and McDunnough)
- n. Sask., s. to Togo, Chelan and Harlan.
- SILVER-BORDERED FRITILLARY — *Clossiana selene atrocotalis* (Huard)
- throughout Sask.
- MEADOW FRITILLARY — *Clossiana bellona jenistae* (Stallings and Turner)
- throughout Sask.
- FRIGGA FRITILLARY — *Clossiana frigga saga* (Staudinger)
- n. Sask., s. to Togo and Raymore.
- FREIJA FRITILLARY — *Clossiana freija* (Thunberg)
- n. Sask., s. to Togo, Prince Albert and Harlan, and also Cypress Hills and Besant (1 stray).
- *BOISDUVAL'S FRITILLARY — *Clossiana titania boisduvalii* (Duponchel)
- Hasbala Lake, Patterson Lake and Johnson River.
- PURPLE LESSER FRITILLARY — *Clossiana titania grandis* (Barnes and McDunnough)
- n. Sask., s. to Somme, Duck Lake and Harlan; also in Cypress Hills and Val Marie (1 stray).
- MELITAEINAE
- CARLOTA CHECKERSPOT — *Charidryas gorgone carlota* (Reakirt)
- s. Sask., n. to Archerwill and Peerless.
- HARRIS' CHECKERSPOT — *Charidryas harrisii hanhami* (Fletcher)
- Tantallon and Arran.
- NORTHERN CHECKERSPOT — *Charidryas palla* (Boisduval)
- Roche Percee.
- *ACASTUS CHECKERSPOT — *Charidryas acastus* (W.H. Edwards)
- s. Sask., n. to Claybank, Sask. Landing Park.
- SOUTHERN PEARL CRESCENT — *Phyciodes tharos* (Drury)
- s. Sask., n. to Yorkton, Punnichy and Tramping Lake Park.
- NORTHERN PEARL CRESCENT — *Phyciodes pascoensis* (Wright)
- Opler and Krizek (1984) list *pascoensis* as a separate and distinct species from *tharos*.
- n. Sask., s. to Moose Mountain Park, Pike Lake and Kerrobert; also in Wood Mountain and Cypress Hills.
- MEADOW CRESCENT — *Phyciodes pratensis pratensis* (Behr)
- Cypress Hills and Cutknife.
- TAWNY CRESCENT — *Phyciodes pratensis batesii* (Reakirt)
- placed here as there is evidence of *P. batesii* and *P. pratensis* hybridizing in Cypress Hills. Ferris and Brown also suggest they may be interbreeding.¹
- throughout Sask.
- HEWITSON'S CHECKERSPOT — *Ocidryas anicia* (Doubleday and Hewitson)
- Cypress Hills.

EDITH'S CHECKERSPOT — *Occidryas editha hutchinsi* (McDunnough)
- Cypress Hills.

NYMPHALINAE

QUESTION MARK — *Polygonia interrogationis* (Fabricius)
- Indian Head.

HOP MERCHANT — *Polygonia comma* (Harris)
- Glen Ewen and Roche Percee.

SATYR ANGLE WING — *Polygonia satyrus* (W.H. Edwards)
- s. Sask., n. to Otter Rapids.

GRAY COMMA — *Polygonia progne progne* (Cramer)
- s. Sask., n. to Otter Rapids.

HOARY COMMA — *Polygonia gracilis gracilis* (Grote and Robinson)
- n. Sask., s. to Candle Lake and Meadow Lake Park.

ZEPHYR ANGLE WING — *Polygonia gracilis zephyrus* (W.H. Edwards)
- Cypress Hills.

GREEN COMMA — *Polygonia faunus rusticus* (W.H. Edwards)
- n. Sask., s., to Duck Mountain Park and Dundurn; also in Cypress Hills.

COMPTON TORTOISE SHELL — *Nymphalis vau-album watsoni* (Hall)
- this western ssp. is listed by Ferris and Brown.¹ central Sask., s. to Moose Mountain Park, Fort Qu'Appelle and Duck Lake.

CALIFORNIA TORTOISE SHELL — *Nymphalis californica herri* (Field)
- Somme, Indian Head, Saskatoon and Brock.

MOURNING CLOAK — *Nymphalis antiopa antiopa* (Linnaeus)
- throughout Sask.

MILBERT'S TORTOISE SHELL — *Aglais milberti* (Godart)
- throughout Sask.

AMERICAN PAINTED LADY — *Vanessa virginiensis* (Drury)
- Welby, Indian Head, Wadena, Hudson Bay.

PAINTED LADY — *Vanessa cardui* (Linnaeus)
- throughout Sask.

WESTERN PAINTED LADY — *Vanessa annabella* (Field)
- Indian Head and Cypress Hills.

RED ADMIRAL — *Vanessa atalanta* (Linnaeus)
- s. Sask., n. to La Ronge and Buffalo Narrows.

LIMENITIDINAE

WHITE ADMIRAL — *Basilarchia arthemis rubrofasciata* (Barnes and McDunnough)
- throughout Sask.

VICEROY — *Basilarchia archippus* (Cramer)
- throughout Sask.

SATYRIDAE - MEADOW BROWNS

ELYMNIINAE

NORTHERN PEARLY EYE — *Enodia anthedon* (Clark)
- e. Sask., w. to Trossachs, Punnichy and Meadow Lake Provincial Park.

EYED BROWN — *Satyrodes eurydice* (Johansson)
- Gainsborough, and Smoking Tent (e. of Hudson Bay).

SATYRINAE

LITTLE WOOD SATYR — *Megisto cymela* (Cramer)
- Maryfield, Tantallon and Round Lake (n. of Whitewood).

RINGLET — *Coenonympha inornata* (W.H. Edwards)
- s. Sask., n. to Bainbridge, Nipawin and Meadow Lake Park.

COMMON WOOD NYMPH — *Cercyonis pegala ino* (Hall)
- s. Sask., n. to Bainbridge, Green Lake and Meadow Lake Park.

SMALL WOOD NYMPH — *Cercyonis oetus* (Boisduval)
- s.w. Sask., e. to Killdeer Badlands, n. to Chaplin, Saskatchewan Landing and Estuary.

MANCINUS ALPINE — *Erebia disa mancinus* (Doubleday and Hewitson)
- n. Sask., s. to Somme, Prince Albert and Harlan; also in Cypress Hills.



Monarch Butterflies

Juhachi Asai

RED-DISKED ALPINE — *Erebia discoidalis* (Kirby)

- n. Sask., s. to Maryfield, Fort Qu'Appelle and Dundurn.

COMMON ALPINE — *Erebia epipsodea freemani* (Ehrlich)

- s. Sask., n. to Somme, Prince Albert and Peerless.

RIDING SATYR — *Neominois ridingsii* (W.H. Edwards)

- s. Sask., n. to Shellbrook.

MACOUN'S ARCTIC — *Oeneis macounii* (W.H. Edwards)

- central Sask., s. to Duck Mountain Park, Duck Lake and Harlan, n. to Lynx Lake.

CARY'S ARCTIC — *Oeneis chryxus caryi* (Dyar)

- central Sask., e. to Prince Albert, n. to Lloyd Lake

VARUNA ARCTIC — *Oeneis uhleri varuna* (W.H. Edwards)

- s. Sask., n. to Leross, Saskatoon and Turtleford.

ALBERTA ARCTIC — *Oeneis alberta* (Elwes)

- s. Sask., n. to Punnichy and Batoche.

JUTTA ARCTIC — *Oeneis jutta ridingiana* (F. and R. Chermock)

- n. Sask., s. to Duck Mountain Park, Chelan, and Harlan; also Cypress Hills(?).

DANAIDAE - MONARCHS

MONARCH — *Danaus plexippus* (Linnaeus)

- s. Sask., n. to Creighton.

¹ FERRIS, C.D., and F.M. BROWN. 1981. Butterflies of the Rocky Mountain States. University of Oklahoma Press, Norman, Oklahoma.

² HOOPER, R.R. 1969. A preliminary list of the butterflies of Saskatchewan. Midcontinent Lepidoptera Series 1(5).

³ HOOPER, R.R. 1973. Butterflies of Saskatchewan. Sask. Museum of Natural History, Regina. 216 pp.

⁴ MILLER, L.D. and F. M. BROWN. 1981. A catalogue/checklist of the butterflies of America north of Mexico. Lep. Soc. Mem. 2.

⁵ OPLER, P.A., and G.O. KRIZEK. 1984. Butterflies east of the Great Plains. Johns Hopkins University Press, Baltimore and London.

⁶ SCOTT, J.A. 1984. A review of *Polygonia prognе (oreas)* and *P. gracilis (zephyrus)* (Nymphalidae), including a new subspecies from the southern Rocky Mountains. J. Res. Lepid. 23(3):197-210.

⁷ SPERLING, F.A.H. 1986. Evolution of the *Papilio machaon* species group in western Canada (Lepidoptera: Papilionidae). M Sc. thesis. University of Alberta, Edmonton.