

- **NORTHERN WHITE VIOLET** - *V. macloskeyi* var. *pallens*: Brockelbank Hill, Porcupine Plain, Chelan (only known Sask. sites). **SPRINGY FENS.**
- **CROWFOOT VIOLET** - *V. pedatifida*: Endeavour, Greenwater PP. **STONY PRAIRIES.**
- **DOWNY YELLOW VIOLET** - *V. pubescens*: Armit, Smoking Tent Cr. (only known Sask. sites.) **WET MAPLE OR ELM WOODS.**
- **LONG-SPURRED VIOLET** - *V. selkirkii*: Chemong, Mountain Cabin Campsite, Brockelbank Hill, Piwei R., Greenwater PP., Bjorkdale, Mistatim. **VERY WET WOODS.**
- **NORTHERN BLUE VIOLET** - *V. septentrionalis*: Weekes, Carragana (only sites known in Prairie Provinces). **MOIST MIXED WOODS.**
- **WOOLLY BLUE VIOLET** - *V. sororia*: Weekes, Somme, Carragana (only known Sask. sites). **MOIST ASPEN OR MIXED WOODS.**

WINTERGREEN FAMILY - **PYROLACEAE**

- **PIPSISSEWA** - *Chimaphila umbellata*: Brockelbank Hill, Mountain Cabin Campsite, Rice R. **OPEN PINE OR MIXED WOODS.**

HEATH FAMILY - **ERICACEAE**

- **GLAUCOUS-LEAVED BOG ROSEMARY** - *Andromeda glaucophylla*: Brockelbank Hill, Mi. 21 Fir R. Rd., 8 mi. north of Usherville. (V. rare in Sask.) **SPHAGNUM BOGS.**
- **RED ALPINE BEARBERRY** - *Arctostaphylos rubra*: Waskwei R., Chemong, Mi. 21 Fir R. Rd. (V. rare in Sask. south of Wollaston L.) **OPEN BLACK SPRUCE MUSKEGS.**

PRIMROSE FAMILY - **PRIMULACEAE**

- **DWARF PRIMROSE** - *Primula mistassinica*: Armit, Piwei R., Weekes, Carragana. **WET FENS OR SPRUCE BOGS.**

GENTIAN FAMILY - **GENTIANACEAE**

- **TALL FRINGED GENTIAN** - *Gentianella crinita* ssp. *procera*: Armit, Carragana (with flowers over 4 cm long). **WET CLEARINGS ON SLOUGH BORDERS.**

MINT FAMILY - **LABIATAE**

- **BLUE SKULLCAP** - *Scutellaria lateriflora*: Mountain Cabin Campsite, Armit, Pepaw R., Piwei R. **MOIST STREAM SHORES OR WET WOODS.**

POTATO FAMILY - **SOLANACEAE**

- **LARGE WHITE GROUND-CHERRY** - *Physalis grandiflora*: Mountain Cabin Campsite, Shoal L. (V. rare in Sask.) **STONY OR SANDY CLEARINGS IN WOODS.**

FIGWORT FAMILY - **SCROPHULARIACEAE**

- **BLUE MONKEYFLOWER** - *Mimulus ringens*: Hudson Bay, Veillardville, Erwood, Smoking Tent Cr. (only sites known in Sask.) **RIVER SHORES.**

- **PURPLE LOUSEWORT** - *Pedicularis macrodonta*: Greenbush, Mi. 15 Fir R. Rd., Mi. 21 Fir R. Rd. **WET FENS.**
- **YELLOWRATTLE** - *Rhinanthus crista-galli*: Smoking Tent Cr. **WET CLAY.**

BLADDERWORT FAMILY - **LENTIBULARIACEAE**

- **BUTTERWORT** - *Pinguicula vulgaris*: Pasquia R. **CALCAREOUS FENS.**

PLANTAIN FAMILY - **PLANTAGINACEAE**

- **SEASIDE PLANTAIN** - *Plantago maritima*: Nitenai R. Salt Marsh, Shoal L. (only known Sask. sites). **BORDERS OF SALT MARSH POOLS.**

HONEYSUCKLE FAMILY - **CAPRIFOLIACEAE**

- **BUSH HONEYSUCKLE** - *Diervilla lonicera*: Hudson Bay, Greenbush, Fir R. Rd., Pasquia R., Waskwei R., Overflow L., Mountain Cabin Campsite, Papikwan R., McBride L., Piwei R., Greenwater PP., Mistatim Fire Tower. **DRY WOODS.**
- **RED ELDERBERRY** - *Sambucus racemosa* var. *pubens*: Smoking Tent Cr., Armit, Brockelbank Hill, Waskwei R., Mountain Cabin Campsite, Nitenai R., Red Earth. **RICH WOODS OR BULLDOZED BANKS.**

MOSCHATEL FAMILY - **ADOXACEAE**

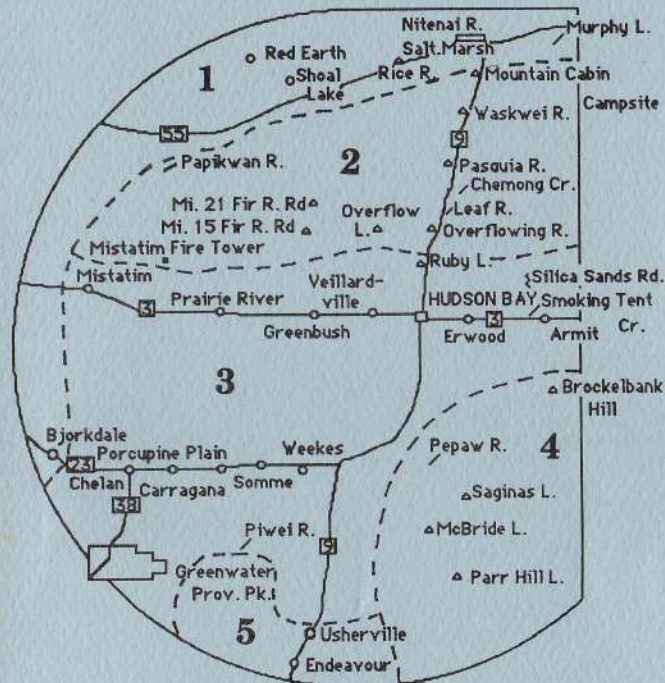
- **MOSCHATEL** - *Adoxa moschatellina*: Brockelbank Hill, Armit, Piwei R., Mistatim, Bjorkdale, Greenwater PP. **UNDER OSTRICH FERNS IN WET WOODS.**

COMPOSITE FAMILY - **COMPOSITAE**

- **SPEAR-LEAVED ARNICA** - *Arnica lonchophylla*: Mountain Cabin Campsite (southernmost Sask. record). **DRY BANK IN OPEN BURNS.**
- **FLAT-TOPPED WHITE ASTER** - *Aster umbellatus*: Armit, Silica Sands Rd. (V. rare along eastern border of Sask.) **WET OPEN MIXED WOODS.**
- **WATER-MARIGOLD** - *Bidens beckii*: Pepaw R., Saginas L. **SHALLOW WATER.**
- **HYSSOP-LEAVED FLEABANE** - *Erigeron hyssopifolius*: Chemong, Fir R. Rd. **WET SPRUCE WOODS.**
- **WHITE LETTUCE** - *Prenanthes alba*: Armit, Greenbush, Nitenai R., Carragana. **RICH WOODS.**

FIELD CHECKLIST OF RARE SASKATCHEWAN PLANTS OF THE HUDSON BAY AREA

by D. F. Hooper



LOCALITIES WITHIN 80 KM OF HUDSON BAY, SK

1. Carrot River drainage
2. Pasquia Hills
3. Red Deer River drainage
4. Porcupine Hills
5. Assiniboine River drainage

Locality _____

Date _____

Observer(s) _____

Saskatchewan Natural History Society

Box 4348, Regina, S4P 3W6

in cooperation with the Hudson Bay Tourism Committee

This checklist contains 73 rare plant species found within 80 km of Hudson Bay, Saskatchewan. Most are included by R. V. Maher, G. W. Argus, V. L. Harms and J. H. Hudson in The Rare Vascular Plants of Saskatchewan (1979. Syllogeus No. 20. National Museums of Canada, Ottawa). Nine species are new for the province since 1979. Most records have been verified by the University of Saskatchewan.

Since these plants are RARE, the picking and digging of specimens is discouraged (except very sparingly for scientific study). It is hoped that some of the special areas will be set aside to preserve these species for the enjoyment of future generations.

ADDER'S TONGUE FAMILY - OPHIOGLOSSACEAE

- ___ MOON FERN - Botrychium lunaria: Overflow L., Bjorkdale, Greenwater PP. SEMI-OPEN ASPEN OR BIRCH WOODS.
- ___ CHAMOMILE-LEAVED GRAPE FERN - B. matricariifolium: Brockelbank Hill. MOIST OPEN WOODS.
- ___ THICK-LEAVED GRAPE FERN - B. multifidum: Brockelbank Hill, Somme, Piwei R., McBride L., Greenwater PP. PINE WOODS/MEADOWS/STONY PRAIRIES.

FERN FAMILY - POLYPODIACEAE

- ___ LADY FERN - Athyrium filix-femina: Brockelbank Hill, Pasquia R., Waskwei R., Nitenai R., Mi. 21 Fir R. Rd., Greenwater PP. MOIST MIXED WOODS.
- ___ MOUNTAIN BLADDER FERN - Cystopteris montana: Brockelbank Hill (only site known between Rockies and L. Superior). MOIST MIXED WOODS.
- ___ BEECH-FERN - Thelypteris phegopteris: Mountain Cabin Campsite (only known Sask. site south of Churchill R.). COOL SPRING IN MIXED WOODS.

PONDWEED FAMILY - NAJADACEAE

- ___ SLENDER NAIAD - Najas flexilis: Silica Sands Rd., Chelan. (V. rarely reported for Sask.) SHALLOW PONDS.
- ___ BLUNT-LEAVED PONDWEED - Potamogeton obtusifolius: Chelan. SHALLOW PONDS.
- ___ ROBBINS' PONDWEED - P. robbinsii: Brockelbank Hill. (This species v. rare in Prairie Provinces.) SHALLOW LAKES.

GRASS FAMILY - GRAMINEAE

- ___ BIG BLUESTEM GRASS - Andropogon gerardi: Hudson Bay (northernmost Sask. record). SANDY PINE WOODS.
- ___ PINE REED GRASS - Calamagrostis rubescens: Chemong. (V. rare east of Rockies). SANDY PINE WOODS.
- ___ MILLET GRASS - Milium effusum: Brockelbank Hill (only Sask. site for this eastern species). MOIST MIXED WOODS.

SEDGE FAMILY - CYPERACEAE

- ___ ASSINIBOIA SEDGE - Carex assiniboensis: Smoking Tent Cr. (only known Sask. site north of Qu'Appelle R.). ELM WOODS.

- ___ YELLOW SEDGE - C. flava: Silica Sands Rd. (with L. Athabasca the only known Sask. sites). SHORE OF BEAVER PONDS.
- ___ LOOSE-FLOWERED SEDGE - C. laxiflora var. blanda: Brockelbank Hill (only site known in Sask.; western limit of range). MOSS-FLOORED SPRUCE FORESTS.
- ___ MACKENZIE SEDGE - C. mackenziei: Nitenai R. Salt Marsh (only inland site known for this ocean salt marsh species; next closest site Churchill, Man.). SALT MARSHES.
- ___ STALKED SEDGE - C. pedunculata: Hudson Bay, Armit. (V. rare in Sask.) RICH WOODS.
- ___ THREE-SEEDED SEDGE - C. trisperma: Brockelbank Hill, Weekes. (V. rare in Sask.) WET SPRUCE OR MAPLE WOODS.
- ___ FLATTENED SPIKE-RUSH - Eleocharis compressa: Greenbush. WET CALCAREOUS FENS.
- ___ WHITE BEAK-RUSH - Rhynchospora alba: Greenbush. WET FENS.
- ___ SLENDER BEAK-RUSH - R. capillacea: Somme, Armit. MARL BOGS.
- ___ RED BULRUSH - Scirpus rufus: Nitenai R. Salt Marsh. SALT MARSHES.

LILY FAMILY - LILIACEAE

- ___ EASTERN WOOD LILY - Lilium philadelphicum var. philadelphicum: Mountain Cabin Campsite, Silica Sands Rd. (only Sask. sites for this eastern variety; with up to 8 whorls of lanceolate leaves). DRY WOODS.
- ___ CLASPING-LEAVED TWISTEDSTALK - Streptopus amplexifolius: Brockelbank Hill, Pasquia R., Mountain Cabin Campsite, Greenwater PP. MOIST WOODS.
- ___ NODDING TRILLIUM - Trillium cernuum: Brockelbank Hill, Smoking Tent Cr., Hudson Bay, McBride L., Piwei R., Mistatim, Papikwan R. WET RICH WOODS.

ORCHID FAMILY - ORCHIDACEAE

- ___ DRAGON'S-MOUTH - Arethusa bulbosa: Greenbush, Silica Sands area, Bjorkdale. BLACK SPRUCE OR TAMARACK MUSKEGS.
- ___ VENUS SLIPPER - Calypso bulbosa: Chemong, Mi. 21 Fir R. Rd. DRY MIXED WOODS.
- ___ STRIPED CORALROOT - Corallorhiza striata: Somme, Carragana, Piwei R., Rice R., Papikwan R. ASPEN WOODS.
- ___ RAM'S HEAD LADY'S SLIPPER - Cypripedium arietinum: Hudson Bay. (V. rare in Sask.) PINE WOODS.
- ___ LARGE YELLOW LADY'S SLIPPER - C. calceolus var. pubescens: Chemong, Mi. 15 Fir R. Rd., Armit, Bjorkdale (with flower lip over 4 cm long). WET SPRUCE OR TAMARACK WOODS.
- ___ BOG TWAYBLADE - Liparis loeselii: Greenbush, Chemong, Murphy L. WET FENS OR WOODS.
- ___ NORTHERN TWAYBLADE - Listera borealis: Mi. 21 Fir R. Rd., Brockelbank Hill, Piwei R. SPRINGY PLACES IN SPRUCE WOODS OR ALDER THICKETS.
- ___ HEART-LEAVED TWAYBLADE - L. cordata: Pasquia R., Brockelbank Hill, Piwei R. COOL SPRUCE WOODS.
- ___ WHITE ADDE'S MOUTH - Malaxis monophylla: Mi. 15 Fir R. Rd., Brockelbank Hill, Silica Sands Rd. WET SPRUCE WOODS.

- ___ ROUND-LEAVED BOG ORCHID - Platanthera orbiculata: Pasquia R., Chemong, Greenbush, Armit, Brockelbank Hill, McBride L., Piwei R., Shoal L. MOIST SPRUCE WOODS.

MISTLETOE FAMILY - LORANTHACEAE

- ___ DWARF MISTLETOE - Arceuthobium pussillum: Hudson Bay (only known Sask. site of eastern species). PARASITIC ON WHITE SPRUCE.

BUCKWHEAT FAMILY - POLYGONACEAE

- ___ CLIMBING FALSE BUCKWHEAT - Polygonum scandens: Armit, Parr Hill L., Somme, Greenwater PP. CLIMBING ON SHRUBS IN DISTURBED SITES.
- ___ ALPINE BISTORT - P. viviparum: Waskwei R., Brockelbank Hill, Mi. 15 Fir R. Rd. WET BLACK SPRUCE WOODS.

WATER-LILY FAMILY - NYMPHAEACEAE

- ___ SMALL WHITE WATER-LILY - Nymphaea tetragona ssp. leibergii: Silica Sands Rd. SHALLOW PONDS.

CROWFOOT FAMILY - RANUNCULACEAE

- ___ WOOD ANEMONE - Anemone quinquefolia: Chemong, Hudson Bay, Armit, Brockelbank Hill, Weekes, Somme. (V. rare in Sask. & Alta.) MOIST WOODS.
- ___ PURPLE VIRGIN'S-BOWER - Clematis verticillaris: Pasquia R., Waskwei R. (Only known Sask. sites are in Pasquia & Cypress Hills.) WOODED SLOPES.

SUNDEW FAMILY - DROSERACEAE

- ___ SLENDER-LEAVED SUNDEW - Drosera linearis: Greenbush. (Rare across Canada.) CALCAREOUS FENS.

SAXIFRAGE FAMILY - SAXIFRAGACEAE

- ___ GLAUCOUS GRASS-OF-PARNASSUS - Parnassia glauca: Waskwei R., McBride L., Carragana. MARL BOGS.
- ___ SWAMP SAXIFRAGE - Saxifraga pensylvanica: Mi. 15 Fir R. Rd. (only known Sask. site; also records from Man., Ont.). WET FENS.

ROSE FAMILY - ROSACEAE

- ___ LOW SAND CHERRY - Prunus pumila: Hudson Bay. (V. rare in Sask.) SANDY PINE WOODS.

MILKWORT FAMILY - POLYGALACEAE

- ___ FRINGED MILKWORT - Polygala paucifolia: Armit, Fir R. Rd., Chemong, Leaf R., Weekes, Carragana. WET WOODS OR FENS.

VIOLET FAMILY - VIOLACEAE

- ___ LARGE-LEAVED VIOLET - Viola incognita: Brockelbank Hill (only known Sask. site). MOIST MIXED WOODS.