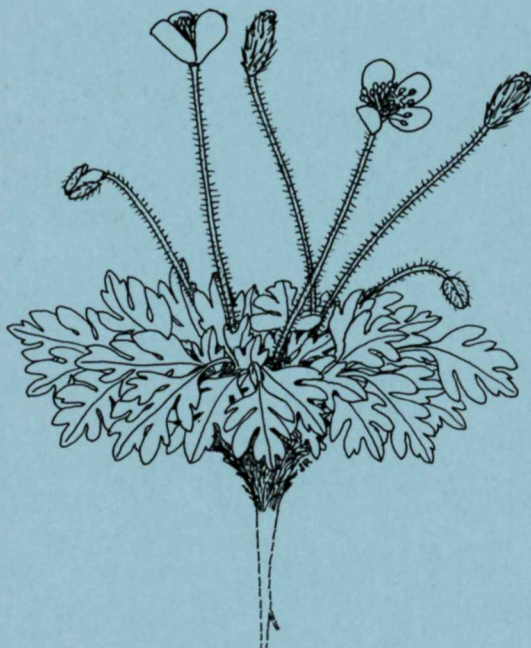


CHECKLIST OF THE VASCULAR PLANTS OF GLACIER NATIONAL PARK MONTANA, U.S.A.

PETER LESICA



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The author will appreciate receiving any changes in information about the plant taxa included in this checklst, and / or any new distributional records. Please send such information to Mr. Lesica at the address given above.

Front cover illustration of Alpine Glacier Poppy (*Papaver pygmaeum*)
by John H. Rumely

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GLACIER NATIONAL PARK
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INTRODUCTION

Glacier National Park is located in northwestern Montana, U.S.A., along the main range of the Rocky Mountains just south of the Canadian Border. The Park encompasses approximately 4000 km² (1538 mi²), nearly all of which is mountainous terrain. Parent materials are chiefly sedimentary with argillites, shales and limestones predominating. The mountain ranges rise to elevations of 2450-3050 m (8000-10000 ft) and trend northwest to southeast. The Lewis Range traverses the entire Park, while the Livingston Range lies west of it in the northern section. The Continental Divide occurs along the crest of the Lewis Range. Valleys are generally 920-1250 m (3000-4000 ft.) in elevation on the west side and 1250-1500 m (4000-5000 ft.) in elevation on the east side.

The Lewis Range is a barrier, partially confining Arctic air masses and dry continental air east of the Divide, while moist, temperate Pacific air is generally restricted to the west side. Strong desiccating winds are frequent on the east slope. Average annual wind velocity at the Park's east entrance is 5 m/sec (11.2 mph). A Pacific storm track occurring along the Canadian Border from western Washington to northwestern Montana brings relatively large amounts of precipitation to the entire area, but particularly to the west slope. Interestingly, mean annual temperature and precipitation are relatively similar on the two sides of the Park: 5.5° C (42° F) and 737 mm (29 in) at the west entrance and 3.5° C (38° F) and 687 mm (27 in) at the east entrance. The effect of the continental climate on the east slope can be detected by comparing the mean daily maximum and minimum temperatures for July and January respectively: 26.6° and -10.2° C (80° and 14° F) for the west entrance and 32.9° -31.1° C (91° and -24° F) at the east entrance. These climatic and topographic effects result in the vegetation of the west side bearing strong affinities to that of the northern Pacific Coast, while the vegetation of the east side is more typical in physiognomy and species composition to areas of the Rocky Mountains further south.

The climatic contrast between the east and west sides of the Park, the large amount of topographic relief and the presence of calcareous and non-calcareous parent materials are major factors contributing to the high floristic diversity of the Park. Besides the predominant Northern Rocky Mountain flora, species of Great Plains affinities are found along the eastern boundary, many Arctic-alpine plants occur above timberline, and several species of Pacific slope and boreal affinities reach their southern and eastern limits in the Park. The biological significance of Glacier National Park has led the United Nations Educational, Scientific and Cultural Organization to designate it as a Biosphere Reserve.

A great deal of botanical exploration has occurred in Glacier Park since its establishment in 1910. Most of this work was done prior to 1940. Publications by Standley (1921), Maguire (1934, 1939) and McLaughlin (1939) provide a wealth of floristic, distributional and ecological information, but because of the numerous nomenclatural changes which have occurred over the past 40 years, these sources are difficult to use. The following checklist facilitates access to this information and summarizes

the holdings of the Glacier National Park herbarium. Many species are being reported for the first time.

This checklist was compiled using literature published since 1920 and the herbarium housed at Park Headquarters, Glacier National Park, West Glacier, Montana (GNP). A few collections from the herbaria at the University of Montana (MONTU) and Montana State University (MONT) have been cited. Each entry is followed by a vernacular name in English, the synonym(s) for that taxon under which it may be found in selected literature and the source (literature and/or herbarium) vouchering its inclusion in the flora of Glacier Park. Literature references are number-coded in the bibliography. Nomenclature follows Hitchcock and Cronquist (1973); in the few instances where a taxon is not listed in this manual, Scoggan's (1978) nomenclature has been followed. Vernacular names have been taken mainly from Hitchcock and Cronquist (1973). Species are listed in phylogenetic order by division: Lycophyta, Sphenophyta, Pterophyta, Coniferophyta and Anthophyta and by class: Magnoliopsida and Liliopsida, within the Anthophyta. Within these groups, species are listed alphabetically by family, genus and species.

This checklist includes 1034 species in 367 genera and 87 families. There is no doubt that it is incomplete; additional taxa will certainly be discovered in the future. Some reports herein are probably based on misidentified specimens and collections made nearby but actually outside the Park's boundaries. Nonetheless, it is hoped that this checklist will aid researchers, Park managers, and others interested in the flora of the region.

William Weber provided information on specimens housed at the University of Colorado herbarium. I am grateful to Jeffrey Strachan and Johnnie Moore for help in preparing the manuscript and to Jack Rumely for his careful editing.

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LYCOPHYTA: CLUBMOSES and ALLIES

Isoetaceae: Quillwort Family

Isoetes echinospora Dur. Bristle-quillwort. [*I. braunii* Dur.] 3.

Lycopodiaceae: Clubmoss Family

Lycopodium alpinum L. Alpine clubmoss. GNP, 6, 12.

Lycopodium annotinum L. Stiff clubmoss. GNP, 12.

Lycopodium clavatum L. Elk moss. 12.

Lycopodium complanatum L. Ground cedar. GNP, 12.

Lycopodium obscurum L. Ground pine. 12.

Lycopodium selago L. Fir clubmoss. GNP, 4, 8, 12.

Lycopodium sitchensis Rupr. Sitka clubmoss. 4.

Selaginellaceae: Selaginella Family

Selaginella densa Rydb. Compact selaginella. 1, 12.

Selaginella densa var. *scopulorum* (Maxon) Tryon Compact selaginella. GNP.

Selaginella densa var. *standleyi* (Maxon) Tryon Compact selaginella. [*S. standleyi* Maxon] 12.

Selaginella wallacei Hieron Wallace's selaginella. [*S. montanensis* Hieron] GNP, 12.

SPHENOPHYTA: HORSETAILS

Equisetaceae: Horsetail Family

Equisetum arvense L. Common horsetail. GNP, 12.

Equisetum fluviatile L. Water-horsetail. GNP, 12.

Equisetum fluviatile X *E. arvense* Scouring-rush. [*E. litorale* Kueh.] 12.

Equisetum hyemale L. Scouring-rush. [*E. praealtum* Raf.] GNP, 12.

Equisetum laevigatum A. Br. Smooth horsetail. [*E. kansanum* J. H. Schafn.] GNP, 12.

Equisetum palustre L. Marsh-horsetail. 7, 12.

Equisetum pratense Ehrh. Shady horsetail. 8.

Equisetum scirpoides Michx. Creeping horsetail. GNP.

Equisetum sylvaticum L. Wood-horsetail. GNP, 6, 7, 8, 12.

Equisetum variegatum Schleich. Northern horsetail.

PTEROPHYTA: FERNS and FERN ALLIES

Ophioglossaceae: Snake's-tongue Fern Family

Botrychium boreale Milde Northern grape-fern. GNP.

Botrychium lanceolatum (Gmel.) Angstr. Lance-leaved grape-fern. GNP.

- Botrychium lunaria* (L.) Swartz Common moonwort. GNP, 12.
Botrychium matricariaefolium (Doell.) A. Braun. Camomile grape-fern.
 Kotenko 85, MONTU.
Botrychium montanum Wagner Mountain moonwort. 13.
Botrychium multifidum (Gmel.) Angstr. Leathery grape-fern. [*B. silaifolium*
 Presl.] GNP, 8, 12.
Botrychium paradoxum Wagner Peculiar moonwort. 13.
Botrychium simplex Hitch. Little grape-fern. 4.
Botrychium virginianum (L.) Swartz Virginia grape-fern. GNP, 12.

Polypodiaceae: Polypody-Fern Family

- Adiantum pedatum* L. Maidenhair fern.
Aspidotes densa (Brack.) Lellinger Podfern. [*Cheilanthes siliquosa* Maxon]
 12.
Asplenium viride Huds. Green spleenwort. GNP, 12.
Athyrium distentifolium var. *americanum* (Butters) Cronq. Alpine lady-fern.
 [*A. americanum* (Butters) Maxon] GNP, 12.
Athyrium filix-femina (L.) Roth Lady-fern. GNP, 12.
Cheilanthes gracillima Eat. Lace-lip fern. 12. Possibly based on *C. feei*
 Moore.
Cryptogramma crispera var. *acrostichoides* (R. Br.) Clarke Parsley-fern. [*C.*
acrostichoides R. Br.] GNP, 1, 12.
Cryptogramma stelleri (Gmel.) Prantl Steller's rock-brake. GNP, 12.
Cystopteris fragilis (L.) Bernh. Fragile fern. [*Filix fragilis* (L.) Griseb.] GNP,
 1, 12.
Cystopteris montana (Lam.) Bernh. Mountain bladder-fern. 6, 9.
Dryopteris austriaca (Jacq.) Woyner Spreading wood-fern. [*D. dilatata*
 (Hoffm.) Underw.] GNP, 12.
Dryopteris cristata (L.) Gray Buckler fern. 12.
Dryopteris filix-mas (L.) Schott Male-fern. 12.
Gymnocarpium dryopteris (L.) Newm. Oak-fern. [*Dryopteris linnaeana* C.
 Chr.] GNP, 12.
Polypodium hesperium Maxon Inland licorice-fern. GNP, 12.
Polystichum andersonii Hopkins Anderson's sword-fern. 12.
Polystichum lonchitis (L.) Roth Mountain holly-fern. GNP, 12.
Pteridium aquilinum var. *pubescens* Underw. Bracken fern. GNP, 12.
Thelypteris phegopteris (L.) Slosson Northern beech-fern. [*Phegopteris*
polypodioides Fee] 9.
Woodsia oregana Eat. Woodsia. 12.
Woodsia scopulina D.C. Eat. Rocky Mountain woodsia. GNP, 12.

CONIFEROPHYTA: CONIFERS

Cupressaceae: Cedar Family

- Juniperus communis* var. *montana* Ait. Common juniper. [*J. sibirica* Burgst.]
 GNP, 12

Juniperus horizontalis Moench Creeping juniper GNP, 12.
Juniperus scopulorum Sarg. Rocky Mountain juniper. 12.
Thuja plicata Donn Western red cedar. GNP, 12.

Pinaceae: Pine Family

Abies grandis Lindl. Grand fir. GNP, 12.
Abies lasiocarpa (Hook.) Nutt. Subalpine fir. GNP, 12.
Larix lyallii Parl. Subalpine larch. GNP, 1, 7, 9, 12.
Larix occidentalis Nutt. Western larch. GNP, 12.
Picea engelmannii (Parry) Engelm. Engelmann's spruce. 12.
Picea glauca (Moench) Voss White spruce. [*P. canadensis* (Mill.) B.S.P.] 12.
Pinus albicaulis Engelm. Whitebark pine. GNP, 12.
Pinus contorta var. *latifolia* Engelm. Lodgepole pine. [*P. contorta* var. *murrayana* (Balf) Engelm.] GNP, 12.
Pinus flexilis James Limber pine. 12.
Pinus monticola Dougl. Western white pine. GNP, 12.
Pinus ponderosa Dougl. Ponderosa pine. GNP, 12.
Pseudotsuga menziesii var. *glauca* (Beissn.) Franco Douglas' fir. [*P. mucronata* (Raf.) Sudw.] GNP, 12.
Tsuga heterophylla (Raf.) Sarg. Western hemlock. GNP.

Taxaceae: Yew Family

Taxus brevifolia Nutt. Pacific yew. GNP, 12.

ANTHOPHYTA: FLOWERING PLANTS

MAGNOLIOPSIDA: 'DICOTS'

Aceraceae: Maple Family

Acer glabrum var. *douglasii* (Hook.) Dippel Douglas' maple. [*A. douglasii* Hook.] GNP, 12.
Acer glabrum Torr. var. *glabrum* Rocky Mountain maple. GNP.

Amaranthaceae: Pigweed Family

Amaranthus californicus (Moq.) Wats. California amaranth. [*A. biltoides* Wats.] 12.
Amaranthus graecizans L. Prostrate pigweed. 12. Introduced.
Amaranthus retroflexus L. Rough pigweed. GNP, 12. Introduced.

Anacardiaceae: Sumac Family

Rhus radicans L. Poison ivy. [*Toxicodendron rydbergii* (Small) Greene] GNP.

Apiaceae: Carrot Family

- Angelica arguta* Nutt. Sharptooth angelica. [*A. lyallii* Wats.] GNP, 12.
Angelica dawsonii Wats. Dawson's angelica. GNP, 6, 12.
Bupleurum americanum Coult. & Rose American thoroughwax. GNP, 12.
Carum carvi L. Caraway. 12. Introduced.
Cicuta bulbifera L. Bulbiferous water-hemlock. GNP, 12.
Cicuta douglasii (DC.) Coult. & Rose Western water-hemlock. [*C. occidentalis* Greene] GNP, 12.
Heracleum lanatum Michx. Cow-parsnip. GNP, 12.
Lomatium dissectum var. *multifidum* (Nutt.) Math. & Const. Fern-leaved biscuit-root. [*Leptotaenia multifida* Nutt.] GNP, 12.
Lomatium foeniculaceum var. *macdougalli* (Coult & Rose) Cronq. Fennel-leaved desert-parsley. GNP.
Lomatium macrocarpum (Nutt.) Coult. & Rose Large-fruited desert-parsley. [*Cogswellia macrocarpa* (Nutt.) Jones] GNP, 12.
Lomatium sandbergii Coult & Rose Sandberg's biscuit-root. [*Cogswellia sandbergii* (Coult & Rose) Jones] GNP, 12.
Lomatium triternatum (Pursh) Coult. & Rose Nine-leaf biscuit-root. [*Cogswellia triternata* (Pursh) Jones] 12.
Lomatium triternatum (Pursh) Coult & Rose var. *triternatum* Nine-leaf biscuit-root. GNP.
Musineon divaricatum (Pursh) Nutt. Leafy musineon. GNP.
Osmorhiza chilensis H. & A. Mountain sweet-cicely. [*O. divaricata* Nutt., *O. brevipes* (Coult. & Rose) Suksd.] 12.
Osmorhiza depauperata Phil. Poor sweet-cicely. GNP.
Osmorhiza occidentalis (Nutt.) Torr. Western sweet-cicely. [*Glycosma occidentalis* Nutt.] GNP, 12.
Pastinaca sativa L. Parsnip. 12. Introduced.
Perideridia gairdneri (H. & A.) Math. Yampah. [*Carum gairdneri* (H. & A.) Gray] GNP, 12.]
Sanicula marilandica L. Black snake-root. GNP, 12.
Sium suave Walt. Water-parsnip. [*S. cicutaefolium* Gmel.] GNP, 12.
Zizia aptera var. *occidentalis* Fern. Heart-leaved alexanders. [*Z. cordata* (Walt.) Koch] GNP, 12.

Apocynaceae: Dogbane Family

- Apocynum androsaemifolium* L. var. *androsaemifolium* Spreading dogbane. [*A. ambigens* Greene] GNP, 12.
Apocynum androsaemifolium var. *pumilum* Gray Spreading dogbane. [*A. pumilum* (Gray) Greene] 12.
Apocynum cannabinum L. Common dogbane. 12.

- Aralia nudicaulis* L. Wild sarsaparilla. GNP, 12.
Oplopanax horridum (Smith) Miq. Devil's club. [*Echinopanax horridum*
 (Smith) Dec. & Planch] GNP, 12.

Asteraceae: Sunflower Family

- Achillea millefolium* var. *lanulosa* (Nutt.) Piper Yarrow. [*A. lanulosa* Nutt.]
 GNP, 1, 12.
Adenocaulon bicolor Hook. Pathfinder. GNP, 12.
Agoseris aurantiaca (Hook.) Greene var. *aurantiaca* Orange mountain-
 dandelion. [*A. graciliens* (Gray) Kuntz; also perhaps *A. elata* (Nutt.)
 Greene and *A. graminaefolia* Greene] GNP, 12.
Agoseris glauca var. *agrestis* (Osterh.) Q. Jones Pale mountain-dandelion.
 GNP.
Agoseris glauca var. *dasycephala* (T. & G.) Jeps. Pale mountain-dandelion.
 [*A. villosa* Rydb., *A. aspera* Rydb., *A. pumila* (Nutt.) Rydb., and *A.*
scorzoneraefolia (Scrad.) Greene] GNP, 1, 2.
Agoseris glauca (Pursh) Raf. var. *glauca* Pale mountain-dandelion. [*A. glauca*
 (Nutt.) Greene] 12.
Ambrosia artemisiifolia L. Annual ragweed. [*A. elatior* L.] 12. Introduced.
Ambrosia psilostachya DC. Western ragweed. 12.
Anaphalis margaritacea (L.) B. & H. Pearly-everlasting. GNP, 12.
Antennaria alpina var. *media* (Greene) Jeps. Alpine pussy-toes. [*A.*
chlorantha Greene, *A. pulvinata* Greene, *A. media* Greene] GNP, 1,
 3, 12.
Antennaria anaphaloides Rydb. Tall pussy-toes. GNP, 12.
Antennaria aromatica Evert Fragrant pussy-toes. GNP.
Antennaria lanata (Hook.) Greene Woolly pussy-toes. 12.
Antennaria luzuloides Torr. & Gray Woodrush pussy-toes. 12.
Antennaria microphylla Rydb. Rosy pussy-toes. [*A. rosea* Greene] GNP, 1,
 12.
Antennaria monocephala DC. One-headed pussy-toes. Lesica 2448,
 MONTU.
Antennaria neglecta var. *attenuata* (Fern.) Cronq. Field pussy-toes. GNP.
Antennaria neglecta var. *howellii* (Greene) Cronq. Field pussy-toes. [*A.*
howellii Greene] GNP, 12.
Antennaria parviflora Nutt. Nuttall's pussy-toes. [*A. aprica* Greene] 1, 8.
Antennaria racemosa Hook. Racemose pussy-toes. GNP, 12.
Antennaria umbrinella Rydb. Umber pussy-toes. [*A. fusca* Nels.] GNP, 8,
 12.
Arnica alpina var. *tomentosa* (Macoun) Cronq. Alpine arnica. [*A. alpina* (L.)
 Olin, *A. tomentosa* Macoun] 1, 12.
Arnica amplexicaulis Nutt. var. *amplexicaulis* Streambank arnica. GNP, 8.
Arnica chamissonis var. *foliosa* (Nutt.) Maguire Leafy arnica. [*A. foliosa*
 Nutt.] GNP, 12.
Arnica chamissonis var. *interior* Maguire Leafy arnica. GNP.

- Arnica chamissonis* var. *maguirei* Maguire Maguire's arnica. 6, 8.
- Arnica cordifolia* Hook. Heart-leaf arnica. 1, 12.
- Arnica cordifolia* Hook. var. *cordifolia* Heart-leaf arnica. GNP.
- Arnica cordifolia* var. *pumila* (Rydb.) Maguire Heart-leaf arnica. GNP.
- Arnica diversifolia* Greene Sticky arnica. GNP, 7 12.
- Arnica fulgens* Pursh Orange arnica 12.
- Arnica latifolia* var. *gracilis* (Rydb.) Cronq. Mountain arnica. [*A. gracilis* Rydb] 12.
- Arnica latifolia* Bong. var. *latifolia* Mountain arnica. GNP, 12.
- Arnica longifolia* D. C. Eat. Seep-spring arnica. GNP, 12.
- Arnica mollis* Hook. Hairy arnica. GNP, 12.
- Arnica parryi* Gray Nodding arnica. 12.
- Arnica rydbergii* Greene Rydberg's arnica. GNP, 1, 8.
- Artemisia biennis* Willd. Biennial sagewort. 12.
- Artemisia campestris* var. *caudata* (Michx.) Hall & Clem. Northern sagewort. [*A. forwoodii* Wats.] 12.
- Artemisia campestris* var. *purshii* (Bess.) Cronq. Northern sagewort. [*A. spithamaea* Pursh] GNP, 12.
- Artemisia dracunculus* L. Tarragon. [*A. dracunculoides* Pursh] GNP, 12.
- Artemisia frigida* Willd. Fringed sagewort. GNP, 12.
- Artemisia ludoviciana* var. *latiloba* Nutt. Western mugwort. [*A. floccosa* Rydb., *A. diversifolia* Rydb.] GNP, 12.
- Artemisia ludoviciana* Nutt. var. *ludoviciana* Western mugwort. [*A. gnaphaloides* Nutt.] GNP, 12.
- Artemisia michauxiana* Bess. Michaux's mugwort. [*A. discolor* Dougl.] GNP, 12.
- Artemisia norvegica* var. *saxatilis* (Bess.) Jeps. Boreal sagewort. Umbach 612, MONT.
- Artemisia scopulorum* Gray Rocky Mountain sagewort. 1. Doubtful.
- Artemisia tridentata* Nutt. Big sagebrush. [*A. tridentata* ssp. *vaseyana* (Rydb.) Beetle] GNP.
- Aster alpigenus* var. *haydenii* (Porter) Cronq. Alpine aster GNP.
- Aster campestris* Nutt. Meadow aster. 12.
- Aster chilensis* var. *adscendens* (Lindl.) Cronq. Long-leaved aster. [*A. nelsonii* Greene] 12.
- Aster conspicuus* Lindl. Showy aster. GNP, 12.
- Aster eatonii* (Gray) Howell Eaton's aster. GNP.
- Aster engelmannii* (Eat.) Gray Engelmann's aster. GNP, 12.
- Aster falcatus* Lindl. Little gray aster. [*A. crasulus* Rydb.; perhaps also *A. polycephalus* Rydb., *A. exiguus* (Fern.) Rydb.] 12.
- Aster foliaceus* var. *apricus* Gray Leafy aster. [*A. apricus* (Gray) Rydb.] 12.
- Aster foliaceus* var. *parryi* (Eat.) Gray Leafy aster. [*A. frondeus* (Gray) Greene] GNP, 12.
- Aster integrifolius* Nutt. Thick-stemmed aster. GNP.

- Aster laevis* L. Smooth aster. GNP, 12.
- Aster modestus* Lindl. Great northern aster. [*A. sayianus* Nutt.] GNP, 12.
- Aster occidentalis* Nutt. var. *occidentalis* Western aster. [*A. fremontii* (T. & G.) Gray] GNP, 12.
- Aster sibiricus* var. *meritus* (Nels.) Raup Arctic aster. [*A. meritus* Nels.] GNP, 12.
- Balsamorhiza sagittata* (Pursh) Nutt. Arrowleaved balsamroot. GNP, 12.
- Bellis perennis* L. English daisy. GNP. Introduced.
- Bidens cernua* L. Nodding bur-marigold. GNP.
- Brickellia grandiflora* (Hook.) Nutt. Large-flowered thoroughwort.
[*Coleosanthus grandiflorus* (Hook.) Kuntze] GNP, 12.
- Centaurea maculosa* Lam. Spotted knapweed. GNP, 4. Introduced.
- Centaurea montana* L. Mountain knapweed. GNP. Introduced.
- Centaurea pratensis* Thuill. Meadow knapweed. GNP. Introduced
- Chrysanthemum leucanthemum* L. Oxeye-daisy. GNP, 12. Introduced.
- Chrysopsis villosa* (Pursh) Nutt. Hairy golden-aster. 12.
- Chrysopsis villosa* var. *hispida* (Hook.) Gray Hairy golden-aster. GNP.
- Chrysopsis villosa* (Pursh.) Nutt. var. *villosa* Hairy golden-aster. GNP.
- Cirsium arvense* (L.) Scop. Canada thistle. GNP, 12. Introduced.
- Cirsium hookerianum* Nutt. White thistle. GNP, 12.
- Cirsium tweedyi* (Rydb.) Petr. Tweedy's thistle. 1. Doubtful. Report probably based on *C. hookerianum* Nutt.
- Cirsium undulatum* (Nutt.) Spreng. Wavy-leaved thistle. 12.
- Cirsium vulgare* (Savi.) Tenore Bull thistle. [*C. lanceolatum* (L.) Hill] GNP, 12. Introduced.
- Conyza canadensis* (L.) Cronq. Canada fleabane. [*Erigeron canadensis* L.] GNP, 12.
- Crepis elegans* Hook. Elegant hawksbeard. 12.
- Crepis intermedia* Gray Gray's hawksbeard. 12.
- Crepis nana* Rich. Dwarf hawksbeard. 1, 12.
- Crepis runcinata* (James) T. & G. Meadow hawksbeard. 12.
- Erigeron acris* var. *asteroides* (Andrz.) DC. Northern daisy. [*E. acris* L.] 12.
- Erigeron acris* var. *debilis* Gray Northern daisy. [*E. jucundus* Greene] 12.
- Erigeron caespitosus* Nutt. Tufted fleabane. GNP, 1, 12.
- Erigeron compositus* Pursh Cut-leaved daisy. 1, 12.
- Erigeron compositus* var. *glabratus* Macoun Cut-leaved daisy. GNP.
- Erigeron glabellus* Nutt. Smooth daisy. [*E. asper* Nutt.] 12.
- Erigeron grandiflorus* Hook. Large-flowered daisy. 1, 3. May be *E. simplex* Greene.
- Erigeron humilis* Graham Arctic-alpine daisy. GNP, 6, 12.
- Erigeron lanatus* Hook. Woolly daisy. GNP, 1, 9, 12.
- Erigeron leiomerus* Gray Smooth daisy. 12. Doubtful. A southern species not otherwise recorded in Montana.
- Erigeron lonchophyllus* Hook. Spear-leaf fleabane. GNP.

- Erigeron peregrinus* (Pursh) Greene Wandering daisy. [*E. salsuginosus* (Richards) Gray] 1, 12.
- Erigeron peregrinus* var. *eucallianthemus* Cronq. Wandering daisy. GNP.
- Erigeron philadelphicus* L. Philadelphia daisy. GNP.
- Erigeron simplex* Greene Alpine daisy. GNP, 1, 12.
- Erigeron speciosus* var. *macranthus* (Nutt.) Cronq. Showy fleabane. [*E. macranthus* Nutt.] 12.
- Erigeron speciosus* (Lindl.) DC. var. *speciosus* Showy fleabane. GNP, 12.
- Erigeron strigosus* Muhl. var. *strigosus* Daisy fleabane. [*E. ramosus* (Walt.) B.S.P.] GNP, 12.
- Erigeron subtrinervis* var. *conspicuus* (Rydb.) Cronq. Three-veined fleabane [*E. conspicuus* Rydb.] 12
- Filago arvensis* L. Filago. GNP. Introduced.
- Gaillardia aristata* Pursh Blanket-flower. GNP, 12.
- Gnaphalium palustre* Nutt. Lowland cudweed. 12.
- Gnaphalium viscosum* H.B.K. Sticky cudweed. [*G. macounii* Greene] 12.
- Grindelia squarrosa* var. *quasiperennis* Lunnell Curlycup gumweed. [*G. perennis* Nels.] GNP, 12.
- Haplopappus carthamoides* (Hook.) Gray var. *carthamoides* Columbia goldenweed. [*Pyrrocoma erythropappa* Rydb.] 12.
- Haplopappus lanceolatus* (Hook.) T. & G. Lance-leaved goldenweed. [*Pyrrocoma lanceolata* (Hook.) Greene] 12.
- Helianthus annuus* L. Common sunflower. 12.
- Helianthus nuttallii* T. & G. Nuttall's sunflower. [*H. fascicularis* Greene] 12.
- Helianthus petiolaris* Nutt. Prairie sunflower. GNP.
- Helianthus rigidus* var. *subrhomboideus* (Rydb.) Cronq. Showy sunflower. [*H. subrhomboideus* Rydb.] GNP, 12.
- Hieracium albertinum* Farr. Western hawkweed. GNP.
- Hieracium albiflorum* (Hook.) White-flowered hawkweed. GNP, 12.
- Hieracium aurantiacum* L. Orange hawkweed. GNP. Introduced.
- Hieracium canadense* Michx. Canada hawkweed. 12.
- Hieracium cynoglossoides* Arv.-Touv. Hound's-tongue hawkweed. GNP.
- Hieracium gracile* Hook. Alpine hawkweed. GNP, 1, 12.
- Hieracium scouleri* Hook. Woolly hawkweed. 12.
- Hieracium umbellatum* L. Narrow-leaved hawkweed. [*H. scabriusculum* Schwein.] GNP, 12.
- Hymenoxys acaulis* (Pursh) Parker Stemless hymenoxys. GNP.
- Hymenoxys richardsonii* (Hook.) Cockerell Richardson's hymenoxys. GNP, 12.
- Iva xanthifolia* Nutt. Tall marsh-elder. GNP, 12.
- Lactuca biennis* (Moench) Fern. Tall blue lettuce. [*L. spicata* (Lam.) Hitch.] 12.
- Lactuca pulchella* (Pursh) DC. Blue lettuce. 12.
- Lactuca serriola* L. Prickly lettuce. [*L. virosa* L.] GNP, 12. Introduced.

- Liatris punctata* Hook. Dotted gay-feather. GNP.
- Madia glomerata* Hook. Mountain tarweed. 12.
- Matricaria matricarioides* (Less.) Porter Pineapple weed. GNP, 12.
Introduced.
- Microseris cuspidata* (Pursh) Schultz-Bip. Toothed microseris. GNP.
- Microseris nutans* (Geyer) Schultz-Bip. Nodding microseris [*Ptilocalais nutans* (Geyer) Greene] GNP, 12.
- Petasites sagittatus* (Banks) Gray Arrowleaved coltsfoot. GNP, 12.
- Prenanthes sagittata* (Gray) Nels. Arrow-leaved rattlesnake-root. GNP, 12.
- Ratibida columnifera* (Nutt.) Woot. & Standl. Prairie coneflower. GNP.
- Senecio canus* Hook. Woolly groundsel. GNP, 1, 12.
- Senecio cymbalarioides* Buek Alpine butterweed. [*S. subnudus* DC., *S. hyrophiloides* Rydb.] GNP, 1, 12.
- Senecio fremontii* T. & G. Dwarf mountain butterweed. GNP, 1, 12.
- Senecio indecorus* Greene Rayless mountain butterweed. [*S. burkei* Greenm.] GNP, 12.
- Senecio integerrimus* var. *exaltatus* (Nutt.) Cronq. Western groundsel. GNP.
- Senecio megacephalus* Nutt. Large-headed butterweed. GNP, 1, 12.
- Senecio pseud aureus* Rydb. var. *pseud aureus* Streambank butterweed. [*S. aureus* L.] GNP, 3, 12.
- Senecio resedifolius* Less. Dwarf butterweed. [*S. conterminus* Greenm., *S. ovinus* Greene] GNP, 1, 12.
- Senecio triangularis* Hook. var. *triangularis* Arrowleaved groundsel. GNP, 12.
- Senecio vulgaris* L. Old-man-in-the-spring. 12. Introduced.
- Senecio werneriaefolius* Gray Rock butterweed. 1.
- Solidago canadensis* var. *salebrosa* (Piper) Jones Canada goldenrod. [*S. elongata* Nutt.] GNP, 12.
- Solidago gigantea* var. *serotina* (Kuntze) Cronq. Smooth goldenrod. [*S. serotina* Kuntze] GNP, 12.
- Solidago missouriensis* var. *extraria* Gray Missouri goldenrod. [*S. concinna* Nels.] GNP, 12.
- Solidago missouriensis* Nutt. var. *missouriensis* Missouri goldenrod. [*S. missouriensis* Nutt.] GNP, 12.
- Solidago multiradiata* var. *scopulorum* Gray Northern goldenrod. [*S. ciliosa* Greene, *S. dilatata* Nels., *S. purshii* Porter, *S. scopulorum* (Gray) Nels.] GNP, 1, 3, 7, 12.
- Solidago spathulata* DC. Dune goldenrod. 1.
- Solidago spathulata* var. *neomexicana* (Gray) Cronq. Dune goldenrod. GNP.
- Sonchus arvensis* L. Field sow-thistle. GNP. Introduced.
- Sonchus asper* L. Prickly sow-thistle. 12. Introduced.
- Tanacetum vulgare* L. Common tansy. GNP. Introduced.
- Taraxacum ceratophorum* (Ledeb.) DC. Horned dandelion. [*Leontodon ceratophorum* Ledeb.] GNP, 12.
- Taraxacum laevigatum* (Willd.) DC. Red-fruited dandelion. [*Leontodon laevigatum* Willd.] 12. Introduced.

- Taraxacum lyratum* (Ledeb.) DC. Dwarf alpine dandelion. [*Leontodon lyratum* Ledeb.] 12.
Taraxacum officinale Weber Common dandelion. [*Leontodon taraxacum* L.] GNP, 12. Introduced.
Townsendia condensata Eat. Cushion-townsendia. GNP.
Townsendia parryi Eat. Parry's townsendia. GNP, 1, 12.
Tragopogon dubius Scop. Salsify. GNP. Introduced.

Berberidaceae: Barberry Family

- Berberis repens* Lindl. Oregon-grape. GNP, 12.

Betulaceae: Birch Family

- Alnus incana* (L.) Moench Thin-leaved alder. [*A. tenuifolia* Nutt.] GNP, 12.
Alnus sinuata (Regel) Rydb. Sitka alder. GNP, 12.
Betula glandulosa Michx. var. *glandulosa* Bog birch. GNP, 12.
Betula occidentalis Hook. var. *occidentalis* Water birch. [*B. fontinalis* Sarg.] GNP, 12.
Betula papyrifera var. *subcordata* (Rydb.) Sarg. Paper birch. GNP, 12.

Boraginaceae: Borage Family

- Amsinckia lycopsoides* Lehm. Tarweed fiddleneck. [*A. barbata* Greene] 12.
Cryptantha affinis (Gray) Greene Slender cryptantha. 12.
Cryptantha celosioides (Eastw.) Pays. Miner's candle. [*Oreocarya glomerata* (Pursh) Greene] GNP, 12.
Cynoglossum officinale L. Hound's tongue. GNP, 4. Introduced.
Eritrichium howardii (Gray) Rydb. Howard's alpine forget-me-not. 12.
Eritrichium nanum (Vill.) Schrad. Pale alpine forget-me-not. 1.
 Questionable report.
Hackelia diffusa (Lehm.) Johnst. Diffuse stickseed. [*Lappula diffusa* (Lehm.) Greene] 12.
Hackelia floribunda (Lehm.) Johnst. Many-flowered stickseed. [*Lappula floribunda* (Lehm.) Greene] 12.
Hackelia micrantha (Eastw.) J. L. Gentry Blue stickseed. GNP.
Lappula echinata Gilib. Bristly stickseed. 12. Introduced.
Lappula redowskii (Hornem.) Greene Western stickseed. [*L. occidentalis* (Wats.) Greene] 12.
Lithospermum incisum Lehm. Yellow growwell. GNP.
Lithospermum ruderales Dougl. Columbia puccoon. GNP, 12.
Mertensia longiflora Greene Small bluebells. 4.
Mertensia oblongifolia (Nutt.) G. Don Leafy bluebells. [probably *M. lanceolata* (Pursh) DC.] GNP, 12.
Mertensia perplexa Rydb. Obscure bluebells. GNP.

- Myosotis sylvatica* var. *alpestris* (F. W. Schmidt) Hoch Woods forget-me-not.
[*M. alpestris* F. W. Schmidt] GNP, 12.
- Plagiobothrys leptocladus* (Greene) Johnst. Slender popcorn-flower.
[*Allocarya orthocarpa* Greene] 12.
- Plagiobothrys scouleri* (H. & A.) Johnst. Scouler's popcorn flower.
[*Allocarya californica* (Fisch. & Mey) Greene, *P. scopulorum* (Greene)
Johnst.] 4, 12.

Brassicaceae: Mustard Family

- Alyssum alyssoides* L. Pale alyssum. 4. Introduced.
- Arabis drummondii* Gray Drummond's rockcress. GNP, 1, 12.
- Arabis glabra* (L.) Bernh. Towermustard. GNP, 12. Introduced.
- Arabis hirsuta* (L.) Scop. Hairy rockcress. 12.
- Arabis holboelii* var. *pinetorum* (Tiedst.) Rollins Holboel's rockcress. GNP.
- Arabis holboelii* var. *retrofracta* (Grah.) Rydb. Holboel's rockcress.
[*A. lignipes* Nels., *A. retrofracta* Grah.] GNP, 12.
- Arabis lemmonii* Wats. Lemmon's rockcress. 1, 12.
- Arabis lemmonii* var. *drepanoloba* (Greene) Rollins Lemmon's
rockcress. GNP.
- Arabis lyallii* Wats. Lyall's rockcress. GNP, 12.
- Arabis lyrata* var. *kamchatica* Fisch. Lyre-leaved rockcress. [*A. ambigua*
DC.] 12.
- Arabis nuttallii* Robins. Nuttall's rockcress. GNP, 12.
- Barbarea orthoceras* Ledeb. American wintercress. [*Campe orthoceras*
(Ledeb.) Heller] GNP, 12.
- Brassica juncea* (L.) Coss. Chinese mustard. 12. Introduced.
- Brassica kaber* (DC.) Wheeler Charlock. [*B. arvensis* (L.) Kuntze] Introduced
12.
- Camelina microcarpa* Andrzej. Littlepod-falseflax. 12. Introduced.
- Capsella bursa-pastoris* (L.) Medic. Shepherd's-purse. [*Bursa bursa-pastoris*
(L.) Weber] GNP, 12. Introduced.
- Cardamine breweri* Wats. Brewer's bittercress. 12.
- Cardamine pensylvanica* Muhl. Pennsylvania bittercress. 12.
- Descurainia pinnata* var. *brachycarpa* (Richards) Fern. Western
tansymustard. GNP.
- Descurainia pinnata* var. *filipes* (Gray) Peck Western tansymustard. [*Sophia*
gracilis Rydb.] 12.
- Descurainia pinnata* var. *intermedia* (Rydb.) Hitchc. Western tansymustard
[*Sophia intermedia* Rydb.] 12.
- Descurainia richardsonii* var. *viscosa* (Rydb.) Peck Mountain tansymustard.
[*Sophia californica* (T. & G.) Rydb.] GNP, 12.
- Diptotaxis muralis* (L.) DC. Wall rocket. [*D. eruroides* (L.) DC.] 12.
Introduced.
- Draba aurea* Vahl Golden whitlow-wort. [*D. mccallae* Rydb.] 7, 12.

- Draba crassifolia* R. Grah. Thick-leaved whitlow-wort. GNP, 12.
- Draba densifolia* Nutt. Nuttall's whitlow-wort. 12.
- Draba fladnizensis* Wulfen Austrian whitlow-wort. 1, 12.
- Draba incerta* Pays. Yellowstone whitlow-wort. GNP, 12.
- Draba lanceolata* Royle Lance-leaved whitlow-wort. [*D. cana* Rydb.] GNP, 12.
- Draba lonchocarpa* Rydb. var. *lonchocarpa* Lance-fruited whitlow-wort. [*D. nivalis* Lilj.] GNP, 12.
- Draba nemorosa* L. Woods whitlow-wort. GNP, 12.
- Draba oligosperma* Hook. Few-seeded whitlow-wort. [*D. andina* (Nutt.) Nels.] 12.
- Draba oreibata* Macbr. & Pays. Limestone whitlow-wort. 6, 12. Doubtful. This species probably does not occur in northwestern Montana fide R. C. Rollins (GH).
- Draba paysonii* Macbr. var. *paysonii* Payson's whitlow-wort. GNP, 6.
- Draba praealta* Greene Tall whitlow-wort. GNP, 12.
- Draba stenoloba* var. *nana* (Schulz) Hitch. Slender whitlow-wort. [*D. nitida* Greene] 12.
- Erysimum cheiranthoides* L. Treacle mustard. [*Cheirinia cheiranthoides* (L.) Link.] 12. Introduced.
- Erysimum inconspicuum* (Wats.) MacM. Small wallflower. [*Cheirinia inconspicua* (Wats.) Rydb.] GNP, 12.
- Lepidium densiflorum* Schrad. Common pepperweed. 12. Introduced.
- Lesquerella alpina* (Nutt.) Wats. var. *alpina* Alpine bladderpod. [*L. spathulata*] 12.
- Physaria didymocarpa* (Hook.) Gray var. *didymocarpa* Twinpod. GNP, 1, 9, 12.
- Physaria saximontana* var. *dentata* Rollins Mountain twinpod. Harvey & Pemble 7213 MONTU.
- Rorippa curvisiliqua* (Hook.) Bess. var. *curvisiliqua* Western yellowcress. [*Radicula curvisiliqua* (Hook.) Greene] 12.
- Rorippa curvisiliqua* var. *lyrata* (Nutt.) Peck Western yellowcress. [*Radicula lyrata* (Nutt.) Greene] 12.
- Rorippa islandica* var. *glabrata* (Lun.) Butters & Abbe Marsh-yellowcress. GNP.
- Rorippa islandica* (Oed.) Borbas var. *islandica* Marsh-yellowcress. [*Radicula palustris* (L.) Moench.] 12.
- Sisymbrium altissimum* L. Tumblemustard. [*Norta altissima* (L.) Britton] GNP, 12. Introduced.
- Smelowskia calycina* var. *americana* (Regel & Herd) Drury & Rollins Smelowskia. [*S. lobata* Rydb., *S. americana* Rydb.] GNP, 1, 9, 12.
- Thlaspi arvense* L. Pennycress. GNP, 12. Introduced.
- Thlaspi fendleri* var. *glaucum* (Nels.) Hitchc. Wild candytuft. [*T. alpestre* L.] 1.

Callitrichaceae: Water-starwort Family

Callitriche hermaphroditica L. Northern water-starwort. [*C. autumnalis* L.] 8, 12.

Callitriche verna L. Spring water-starwort. [*C. palustris* L.] 7, 12.

Campanulaceae: Harebell Family

Campanula rotundifolia L. Harebell GNP, 1, 12.

Campanula uniflora L. Arctic bellflower. GNP.

Capparaceae: Caper Family

Cleome serrulata Pursh Yellow bee-plant. 12.

Caprifoliaceae: Honeysuckle Family

Linnaea borealis L. Twinflower. GNP, 12.

Lonicera involucrata (Richards) Banks var. *involucrata* Black bearberry. GNP, 12.

Lonicera utahensis Wats. Utah honeysuckle. GNP, 12.

Sambucus racemosa var. *melanocarpa* (Gray) McMinn Black elderberry. [*S. melanocarpa* Gray] GNP, 12.

Symphoricarpos albus (L.) Blake Common snowberry. 12.

Symphoricarpos albus var. *laevigatus* Fern. Common snowberry. GNP.

Symphoricarpos occidentalis Hook. Wolfberry. GNP, 12.

Viburnum edule (Michx.) Raf. Moosebrush. [*V. pauciflorum* Paylaie] GNP, 12.

Caryophyllaceae: Pink Family

Arenaria capillaris var. *americana* (Mag.) Davis Mountain sandwort. [*A. formosa* Fisch.] GNP, 12.

Arenaria congesta Nutt. Ballhead sandwort. [*A. subcongesta* (Wats.) Rydb.] 3.

Arenaria lateriflora L. Bluntleaved sandwort. [*Moehringia lateriflora* (L.) Fenzl.] GNP, 12.

Arenaria nuttallii Pax Nuttall's sandwort. GNP, 1, 12.

Arenaria obtusiloba (Rydb.) Fern. Arctic sandwort. [*A. sajanensis* Willd., *A. laricifolia* L.] GNP, 1, 12.

Arenaria rossii (Richards) R. Br. Ross' sandwort. 1, 12.

Arenaria rossii var. *apetala* Maguire Ross' sandwort. GNP.

Arenaria rossii R. Br. var. *rossii* Ross' sandwort. GNP.

Arenaria rubella (Wahl.) Smith Boreal sandwort. [*A. propinqua* Richards] GNP, 1, 12.

Cerastium arvense L. Field chickweed. [probably *C. strictum* L.] GNP, 1, 12.

Cerastium beeringianum Cham. & Schlect. Alpine chickweed. [*C. alpinum* L.] GNP, 1, 12.

Cerastium vulgatum L. Big chickweed. GNP, 12. Introduced.
Lychnis alba Mill. White campion. GNP, 12. Introduced.
Lychnis apetala var. *montana* Wats. Hitchc. Alpine campion GNP, 12.
Sagina procumbens L. Creeping pearlwort. GNP. Introduced.
Sagina saginoides (L.) Britt. Alpine pearlwort. GNP, 12.
Silene acaulis var. *exscapa* (Allioni) DC. Moss-campion. GNP, 1, 12.
Silene cserei Baumg. Bladder campion. GNP. Introduced.
Silene cucubalis Wibel. Bladder campion. GNP. Introduced.
Silene douglasii Hook. var. *douglasii* Douglas' campion. [*S. multicaulis*
 Nutt.] 1, 3, 12.
Silene menziesii Hook. var. *menziesii* Menzies' campion. GNP.
Silene menziesii var. *viscosa* (Greene) Hitchc. & Mag. Menzies'
 campion. GNP.
Silene parryi (Wats.) Hitchc. & Mag. Parry's campion. GNP, 1.
Spergularia rubra (L.) Presl. Red sandspurry. GNP, 4. Introduced.
Stellaria americana (Porter) Standl. American starwort. GNP, 12.
Stellaria calycantha var. *sitchana* (Steud.) Fern. Northern starwort. [*S.*
alpestris Fries, *S. borealis* Bigel.] 12.
Stellaria crassifolia Ehrb. Thick-leaved starwort. 12.
Stellaria crispa Cham. & Schlect. Wavy starwort. GNP, 12.
Stellaria longifolia Muhl. Long-leaved starwort. 7.
Stellaria longipes Goldie var. *longipes* Longstalk starwort. [*S. laeta* Richards]
 12.
Stellaria media (L.) Cyrill Chickweed. 12. Introduced.
Stellaria obtusa Engelm. Blunt-sepaled starwort. 12.
Stellaria umbellata Turcz. Umbellate starwort. 12.

Celastraceae: Bittersweet Family

Pachistima myrsinites (Pursh) Raf. Mountain boxwood. GNP, 12.

Chenopodiaceae: Goosefoot Family

Atriplex patula var. *hastata* (L.) Gray Fat-hen. [*A. hastata* L.] 12.
Chenopodium album L. Lambsquarter. GNP, 12. Introduced.
Chenopodium botrys L. Jerusalem-oak. 12. Introduced.
Chenopodium capitatum (L.) Aschers. Strawberry blite. GNP, 12.
Chenopodium fremontii var. *atrovirens* (Rydb.) Fosberg Fremont's
 goosefoot. [*C. atrovirens* Rydb.] 12.
Chenopodium glaucum L. Oakleaved goosefoot. [*C. salinum* Standl.] 12.
Chenopodium leptophyllum Nutt. Slimleaved goosefoot. 12.
Chenopodium rubrum L. Red goosefoot. [*C. humile* Hook.] 12.
Monolepis nuttalliana (Schult.) Greene Patala. 12.
Salsola kali L. Russian thistle. [*S. pestifer* Nels.] 12. Introduced
Sueda depressa (Pursh) Wats. Pahute weed. [*Dondia depressa* (Pursh.) Britt.]
 12.

Convolvulaceae: Morning-glory Family

Convolvulus arvensis L. Field bindweed. 12. Introduced.

Cornaceae: Dogwood Family

Cornus canadensis L. Bunchberry. GNP, 7, 12.

Cornus stolonifera Michx. Red-osier dogwood. 12.

Cornus stolonifera Michx. var. *stolonifera* Red-osier dogwood. GNP.

Crassulaceae: Stonecrop Family

Sedum lanceolatum Torr. var. *lanceolatum* Lance-leaved stonecrop. GNP, 1, 12. Mistakenly listed as *S. stenopetalum* Pursh in Standley's key.

Sedum roseum (L.) Scop. King's crown. [*S. integrifolium* (Raf.) Nels.] GNP, 1, 12.

Sedum stenopetalum Pursh Wormleaved stonecrop. [*S. douglasii* Hook.] GNP, 12.

Droseraceae: Sundew Family

Drosera anglica Huds. Great sundew. GNP, 10.

Drosera rotundifolia L. Common sundew. GNP, 4, 10.

Elaeagnaceae: Oleaster Family

Elaeagnus commutata Bernh. Wolf-willow. GNP, 12.

Shepherdia canadensis (L.) Nutt. Canadian buffaloberry. [*Lepargyrea canadensis* (L.) Greene] GNP, 12.

Ericaceae: Heath Family

Arctostaphylos uva-ursi (L.) Spreng. Kinnikinick. GNP, 1, 12.

Cassiope mertensiana (Bong.) G. Don Mertens' moss-heather. 1, 4.

Cassiope tetragona var. *saximontana* (Small) Hitchc. Four-angled moss-heather. GNP.

Chimaphila umbellata var. *occidentalis* (Rydb.) Blake Prince's pine. GNP, 12.

Gaultheria humifusa (Grah.) Rydb. Western wintergreen. GNP, 12.

Gaultheria ovatifolia Gray Slender wintergreen. 6.

Hypopitys monotropa Crantz Pinesap. [*H. latisquama* Rydb.] GNP, 12.

Kalmia microphylla (Hook.) Heller Alpine laurel. GNP, 12.

Ledum glandulosum Nutt. var. *glandulosum* Trapper's tea. GNP, 9, 12.

Menziesia ferruginea var. *glabella* (Gray) Peck Fool's huckleberry. [*M. glabella* Gray] GNP, 12.

Monotropa uniflora L. Indian pipe. GNP, 12.

- Phyllodoce empetriformis* (Smith) Don Pink mountain-heather. GNP, 1, 12.
Phyllodoce glandulifera (Hook.) Cov. Yellow mountain-heather. GNP, 1, 12.
Phyllodoce intermedia (Hook.) Camp. Hybrid mountain-heather. [*P. hybrida* Rydb.] GNP, 9.
Pterospora andromedea Nutt. Pinedrops. GNP, 12.
Pyrola asarifolia Michx. var. *asarifolia* Pink wintergreen. [*P. bracteata* Hook.] GNP, 12.
Pyrola asarifolia var. *purpurea* (Bunge) Fern. Pink wintergreen. GNP.
Pyrola chlorantha Sw. Green wintergreen. GNP, 12.
Pyrola minor L. Snowline wintergreen. GNP, 12.
Pyrola picta Smith Variegated wintergreen. GNP, 12.
Pyrola secunda L. Sidebells-wintergreen. 12.
Pyrola secunda var. *secunda* Sidebells-wintergreen. GNP.
Pyrola uniflora L. Woodnymph. [*Moneses uniflora* (L.) Gray] GNP, 12.
Vaccinium caespitosum Michx. Dwarf huckleberry. GNP, 12.
Vaccinium globulare Rydb. Globe huckleberry. Harvey 6178 MONTU.
Vaccinium membranaceum Dougl. Tall huckleberry. GNP, 12.
Vaccinium myrtilloides Michx. Myrtle-leaved huckleberry. GNP.
Vaccinium myrtilus L. Dwarf billberry. GNP, 12.
Vaccinium scoparium Leiberg. Grouseberry. GNP, 12.

Euphorbiaceae: Spurge Family

- Euphorbia esula* L. Leafy spurge. GNP, 4. Introduced.

Fabaceae: Pea Family

- Astragalus aboriginum* Richards Indian milkvetch. GNP, 1, 12.
Astragalus adsurgens Hook. Standing milkvetch. GNP.
Astragalus agrestis G. Don Field milkvetch. [*A. goniatus* Nutt.] 12.
Astragalus alpinus L. Alpine milkvetch. 1, 12.
Astragalus americanus (Hook.) Jones Arctic milkvetch. 12.
Astragalus bourgovii Gray Bourgeau's milkvetch. GNP, 1, 12.
Astragalus canadensis L. Canada milkvetch. [*A. carolinianus* L.] 12.
Astragalus canadensis var. *mortonii* (Nutt.) Wats. Canada milkvetch. GNP.
Astragalus flexuosus (Hook.) G. Don Wiry milkvetch. 12.
Astragalus pectinatus Dougl. Tine-leaved milkvetch. GNP.
Astragalus robbinsii var. *minor* (Hook.) Barneby Robbins' milkvetch. [*A. macounii* Rydb.] GNP, 12.
Astragalus tenellus Pursh Pulse milkvetch. 12.
Astragalus vexilliflexus Sheld. var. *vexilliflexus* Bent-flowered milkvetch. GNP, 12.
Glycyrrhiza lepidota Pursh. var. *lepidota* Wild licorice. GNP, 12.
Hedysarum alpinum var. *americanum* Michx. American sweetvetch. [*H. americanum* (Michx.) Britt.] 1, 12.

- Hedysarum boreale* var. *cinerascens* (Rydb.) Rollins Northern sweetvetch.
[*H. cinerascens* Rydb.] 12.
- Hedysarum sulphurescens* Rydb. Yellow sweetvetch. GNP, 1, 12.
- Lathyrus bijugatus* White Pinewoods sweetpea. GNP.
- Lathyrus latifolius* L. Perennial peavine. GNP. Introduced.
- Lathyrus ochroleucus* Hook. Cream-flowered sweetpea. GNP, 12.
- Lupinus argenteus* Pursh var. *argenteus* Silvery lupine. [*L. tenellus* Dougl.]
GNP, 12.
- Lupinus argenteus* var. *depressus* (Rydb.) Hitchc. Silvery lupine. GNP.
- Lupinus lepidus* Dougl. Prairie lupine. 1.
- Lupinus lepidus* Dougl. var. *lepidus* Prairie lupine. [*L. minimus* Dougl.] 12.
- Lupinus leucophyllus* Dougl. Velvet lupine. 12.
- Lupinus polyphyllus* var. *burkei* (Wats.) Hitchc. Bigleaved lupine. GNP.
- Lupinus sericeus* Pursh var. *sericeus* Silky lupine. [*L. flexosus* Lindl., *L. leucopsis* Agar.] GNP, 1, 12.
- Medicago sativa* L. Alfalfa. GNP. Introduced.
- Melilotus alba* Desr. White sweet-clover. GNP, 4. Introduced.
- Melilotus officinalis* (L.) Lam. Yellow sweet-clover. GNP, 12. Introduced.
- Oxytropis campestris* var. *columbiana* (St. John) Barneby Columbia River
crazyweed. Harvey 5686, MONTU.
- Oxytropis campestris* var. *cusickii* (Greenm.) Barneby Slender crazyweed.
[*O. alpicola* (Rydb.) Jones] 12.
- Oxytropis campestris* var. *gracilis* (Nels.) Barneby Slender crazyweed. [*O. gracilis* (Nels.) Jones] GNP, 12.
- Oxytropis deflexa* (Pall.) DC. Pendent-pod crazyweed. 12.
- Oxytropis parryi* Gray Parry's crazyweed. 12. Doubtful. Report based on *O. podocarpa* Gray.
- Oxytropis podocarpa* Gray Stalked-pod crazyweed. Williams 1086, MONT.
- Oxytropis sericea* Nutt. var. *sericea* Silky crazyweed. GNP.
- Oxytropis sericea* var. *spicata* (Hook.) Barneby Silky crazyweed. [*O. spicata* (Hook.) Standl.] 12.
- Oxytropis splendens* Dougl. Showy crazyweed. GNP, 12.
- Oxytropis viscida* Nutt. Sticky crazyweed. 12.
- Thermopsis rhombifolia* Nutt. Diamond-leaved golden-pea. GNP, 12.
- Trifolium agrarium* L. Yellow clover. GNP. Introduced.
- Trifolium hybridum* L. Alsike clover. GNP, 12. Introduced.
- Trifolium pratense* L. Red clover. GNP, 12. Introduced.
- Trifolium procumbens* L. Hop clover. 12. Introduced.
- Trifolium repens* L. Dutch clover. GNP, 12. Introduced.
- Vicia americana* var. *truncata* (Nutt.) Brew. American vetch. GNP, 12.

Fumariaceae: Fumitory Family

- Corydalis aurea* Willd. Golden-smoke. [*Capnoides aureum* (Willd.) Kuntze]
12.

Corydalis sempervirens (L.) Pers. Pink corydalis. [*Capnoides sempervirens* (L.) Borkh.] GNP, 6, 12.

Gentianaceae: Gentain Family

Frasera speciosa Dougl. Showy green gentian. 1.
Gentiana affinis Griseb. Prairie gentian. 1, 12.
Gentiana amarella L. Northern gentian. [*G. acuta* Michx.] GNP, 12.
Gentiana calycosa Griseb. Explorer's gentian. 1, 12.
Gentiana calycosa var. *obtusiloba* (Rydb.) Hitchc. Explorer's gentian. GNP.
Gentiana detonsa (Rottb.) G. Don Fringed gentian. 1. Doubtful report.
Gentiana glauca Pall. Glaucous gentian. 12.
Gentiana propinqua Richards Four-parted gentian. GNP, 12.
Gentiana prostrata Haenke Moss-gentian. GNP.
Swertia perennis L. Swertia. 1.

Geraniaceae: Geranium Family

Geranium bicknellii Britt. Bicknell's geranium. GNP, 12.
Geranium richardsonii Fisch. & Trautv. White geranium. GNP, 12.
Geranium viscosissimum Fisch. & Mey. Sticky geranium. GNP, 6, 12.

Grossulariaceae: Gooseberry Family

Ribes cereum Dougl. Squaw currant. 1.
Ribes hudsonianum var. *petiolare* (Dougl.) Jancz. Stinking currant. GNP.
Ribes inerme Rydb. Whitestem gooseberry. [*Grossularia inermis* (Rydb.) Cov. & Britt.] GNP, 12.
Ribes lacustre (Pers.) Poir. Swamp-gooseberry. GNP, 12.
Ribes montigenum McClat. Alpine prickly currant. 1.
Ribes viscosissimum Pursh var. *viscosissimum* Sticky currant. GNP, 12.

Haloragaceae: Water-milfoil Family

Myriophyllum spicatum L. Water-milfoil. GNP, 12.
Myriophyllum spicatum var. *exalbescens* (Fern.) Jeps. Water-milfoil. [*M. exalbescens* Fern.] 7.

Hippuridaceae: Mare's-tail Family

Hippuris vulgaris L. Mare's-tail. GNP, 7, 12.

Hydrangeaceae: Hydrangea Family

Philadelphus lewisii Pursh Syringa. GNP, 8, 9.

Hydrophyllaceae: Waterleaf Family

Hydrophyllum capitatum Dougl. var. *capitatum* Ballhead waterleaf. GNP, 12.

- Phacelia hastata* var. *alpinum* (Rydb.) Cronq. Silverleaf-phacelia. 1.
Phacelia hastata var. *leptosepala* (Rydb.) Cronq. Silverleaf-phacelia. GNP.
Phacelia hastata var. *leucophylla* (Torr.) Cronq. Silverleaf-phacelia. [*P. leucophylla* Torr.] 12.
Phacelia heterophylla Pursh Virgate phacelia. 1.
Phacelia linearis (Pursh) Holz. Threadleaved phacelia. GNP.
Phacelia lyallii (Gray) Rydb. Lyall's phacelia. GNP, 12.
Phacelia sericea (Grah.) Gray Silky phacelia. 1, 12.
Phacelia sericea (Grah.) Gray var. *sericea* Silky phacelia. GNP.
Romanzoffia sitchensis Bong. Sitka-mistmaiden. GNP, 12.

Hypericaceae: St. John's-wort Family

- Hypericum formosum* var. *nortoniae* (Jones) Hitchc. Western St. John's-wort. GNP.
Hypericum formosum var. *scouleri* (Hook.) Hitchc. Western St. John's-wort. [*H. scouleri* Hook.] 9, 12.
Hypericum perforatum L. Klamath weed. GNP, 4, 8. Introduced.

Lamiaceae: Mint Family

- Agastache urticifolia* (Benth.) Kuntze Nettle-leaf hyssop. GNP.
Dracocephalum parviflorum Nutt. Dragonhead. [*Moldavica parviflora* (Nutt.) Britt.] GNP, 12.
Lycopus americanus Muhl. Cut-leaved water-horehound. 12.
Lycopus uniflorus Michx. Northern bugleweed. GNP, 12.
Mentha arvensis L. Field mint. [*M. canadensis* L.] GNP, 12.
Monarda fistulosa var. *menthaefolia* (Grah.) Fern. Wild bergamot. [*M. menthaefolia* Benth.] GNP, 12.
Nepeta cataria L. Catnip. GNP, 12. Introduced.
Prunella vulgaris var. *lanceolata* (Barton) Fern. Self-heal. GNP, 12.
Prunella vulgaris L. var. *vulgaris* Self-heal. GNP. Introduced.
Scutellaria galericulata L. Marsh-skullcap. [*S. epilobifolia* Ham.] GNP, 7.
Stachys palustris L. Woundwort. [*S. scopulorum* Greene] 12.

Lentibulariaceae: Bladderwort Family

- Pinguicula vulgaris* L. Butterwort. GNP, 4, 12.
Utricularia intermedia Hayne Mountain bladderwort. GNP, 11.
Utricularia minor L. Little bladderwort. GNP, 12.
Utricularia vulgaris L. Common bladderwort. GNP.

Linaceae: Flax Family

- Linum perenne* var. *lewisii* (Pursh) Eat. & Wright Blue flax. GNP, 12.
Linum usitatissimum L. Flax. 12. Introduced.

Loasaceae: Blazing-star Family

Mentzelia decapetala (Pursh) Urb. & Gilg. Evening star. GNP.

Mentzelia dispersa Wats. Small-flowered blazing-star. 12.

Loranthaceae: Mistletoe Family

Arceuthobium americanum Nutt. Dwarf mistletoe [*Razoumofskyia americana* (Nutt.) Kuntze] 12.

Malvaceae: Mallow Family

Iliamna rivularis (Dougl.) Greene var. *rivularis* Streambank globemallow. [*Sphaeralcea rivularis* Dougl.] GNP, 12.

Menyanthaceae: Buck-bean Family

Menyanthes trifoliata L. Bog-bean. GNP, 4, 10, 12.

Nymphaeaceae: Water-lily Family

Nuphar polysepalum Engelm. Indian pond lily. [*Nymphaea polysepala* (Engelm.) Greene] GNP, 12.

Onagraceae: Evening-primrose Family

Boisduvalia glabella (Nutt.) Spach. Smooth spike-primrose. 12.

Circaea alpina L. Enchanter's nightshade. [*C. pacifica* Asch. & Magn.] GNP, 12.

Clarkia pulchella Pursh Elk horns. GNP.

Epilobium alpinum L. var. *alpinum* Alpine willow-herb. [*E. hormannii* Reich., *E. anagallidifolium* Lam.] GNP, 12.

Epilobium alpinum var. *clavatum* (Trel.) Hitchc. Alpine willow-herb. [*E. clavatum* Trel.] GNP, 12.

Epilobium alpinum var. *nutans* (Hornem.) Hook. Alpine willow-herb. GNP.

Epilobium angustifolium L. Fireweed. GNP, 9, 12.

Epilobium glaberrimum var. *fastigiatum* (Nutt.) Trel. Smooth willow-herb. [*E. platyphyllum* Rydb.] GNP, 12.

Epilobium glandulosum Lehm. var. *glandulosum* Common willow-herb. GNP, 12.

Epilobium glandulosum var. *macounii* (Trel.) Hitchc. Common willow-herb. [*E. mirabile* Trel.] 12.

Epilobium latifolium L. Alpine fireweed. GNP, 1, 12.

Epilobium paniculatum Nutt. var. *paniculatum* Tall willow-herb. [*E. adenocladon* (Haus.) Rydb.] GNP, 12.

Epilobium watsonii var. *occidentale* (Trel.) Hitchc. Watson's willow-herb. [*E. adenocaulon* Haus.] GNP, 12.

Epilobium watsonii var. *parishii* (Trel.) Hitchc. Watson's willow-herb. GNP.

Gaura coccinea L. Scarlet gaura. 12.

- Gayophytum diffusum* T. & G. Spreading groundsmoke. [*G. intermedium* Rydb.] GNP, 12.
- Gayophytum racemosum* T. & G. Racemed groundsmoke. 12.
- Oenothera breviflora* T. & G. Short-flowered evening-primrose. [*Taraxia breviflora* Nutt.] 12.
- Oenothera caespitosa* Nutt var. *caespitosa* Rock-rose. [*Pachylophus caespitosus* (Nutt.) Raim.] GNP, 12.
- Oenothera flava* (Nels.) Garrett Long-tubed evening-primrose. [*Lavauxia flava* Nels.] 12.
- Oenothera nuttallii* Sw. Nuttall's evening-primrose. [*Anogra nuttallii* (Sw.) Nels.] 12.
- Oenothera strigosa* Mkze. & Bush Common evening-primrose. GNP, 12.

Orobanchaceae: Broomrape Family

- Orobanche uniflora* var. *minuta* (Suksd.) Beck Naked broomrape. [*O. sedi* (Suksd.) Fern.] GNP, 9.

Papaveraceae: Poppy Family

- Papaver pygmaeum* Rydb. Alpine glacier poppy. GNP, 1, 9, 12.

Plantaginaceae: Plantain Family

- Plantago canescens* Adams Silvery plantain. [*P. septata* Morris] GNP, 12.
- Plantago lanceolata* L. English plantain. GNP, 4. Introduced.
- Plantago major* L. Common plantain. GNP, 12. Introduced.

Polemoniaceae: Phlox Family

- Collomia linearis* Nutt. Narrow-leaf Collomia. GNP, 12.
- Linanthus harknesii* (Curran) Greene Harkness's Linanthus. 8, 12. Doubtful. Reports are probably based on *L. septentrionalis*. Mason.
- Microsteris gracilis* (Hook.) Greene var. *gracilis* Slender microsteris. GNP, 12.
- Navarretia minima* Nutt. Least navarretia. 12. Doubtful. Probably *N. intertexta* (Benth.) Hook.
- Phlox alyssifolia* Greene Alyssum-leaved phlox. GNP, 12.
- Phlox hoodii* Richards Hood's phlox. 12.
- Polemonium pulcherrimum* Hook. var. *pulcherrimum* Jacob's ladder. [*P. parvifolium* Nutt.] GNP, 1, 12.
- Polemonium viscosum* Nutt. Sky pilot. [*P. confertum* Gray] GNP, 1, 3, 12.

Polygonaceae: Buckwheat Family

- Eriogonum androsaceum* Benth. Rockjasmine buckwheat. GNP, 12.
- Eriogonum flavum* Nutt. var. *flavum* Yellow buckwheat. GNP.
- Eriogonum flavum* var. *piperi* (Greene) Jones Yellow buckwheat. [*E. piperi* Greene] GNP, 12.

- Eriogonum ovalifolium* var. *depressum* Blank. Cushion-buckwheat. [*E. depressum* (Blank.) Rydb.] GNP, 12.
- Eriogonum umbellatum* var. *subalpinum* (Greene) Jones Sulphur buckwheat. [*E. subalpinum* Greene] GNP, 12.
- Oxyria digyna* (L.) Hill Mountain sorrel. GNP, 1, 12.
- Polygonum achoreum* Blake Doorweed. 12.
- Polygonum amphibium* L. Water-smartweed. GNP, 12.
- Polygonum austinae* Greene Austin's knotweed. 12.
- Polygonum aviculare* L. Dooryard knotweed. GNP, 12. Introduced.
- Polygonum bistortoides* Pursh American bistort. GNP, 1, 3, 12.
- Polygonum coccineum* Muhl. Water smartweed. [*P. muhlenbergii* (Meisn.) Wats.] 12.
- Polygonum convolvulus* L. Knot-bindweed. 12.
- Polygonum douglasii* Greene Douglas' knotweed. 12.
- Polygonum douglasii* var. *latifolium* (Engelm.) Greene Douglas' knotweed. GNP.
- Polygonum engelmannii* Greene Engelmann's knotweed. 12.
- Polygonum minimum* Wats. Dwarf knotweed. GNP.
- Polygonum polygaloides* Meisn. Pokeweed fleecflower. 12.
- Polygonum ramosissimum* Michx. Bushy knotweed. 12.
- Polygonum viviparum* L. Alpine bistort. GNP, 1, 12.
- Polygonum watsonii* Sm. Watson's knotweed. 8.
- Rumex acetosa* L. Meadow sorrel. 12.
- Rumex acetosella* L. Sheep sorrel. GNP, 12. Introduced.
- Rumex crispus* L. Curly dock. GNP, 12. Introduced.
- Rumex maritimus* L. Golden dock. 12.
- Rumex obtusifolius* L. Bitterdock. 12.
- Rumex occidentalis* Wats. Western dock.
- Rumex paucifolius* Nutt. Alpine sorrel. GNP, 12.
- Rumex salicifolius* var. *montigenitus* Jeps. Willow dock. [*R. mexicanus* Meisn.] 12.

Portulacaceae: Purslane Family

- Claytonia lanceolata* Pursh var. *lanceolata* Western springbeauty. GNP, 1, 12.
- Claytonia megarhiza* (Gray) Parry var. *megarhiza* Alpine springbeauty. GNP, 1, 12.
- Lewisia pygmaea* (Gray) Robins. var. *pygmaea* Dwarf lewisia. [*L. p.* var. *denudata* Bebb, *Oreobroma pygmaea* (Gray) Howell] GNP, 1, 9, 12.
- Montia linearis* (Dougl.) Greene Line-leaved Indian-lettuce. [*Claytonia linearis* Dougl.] 4, 12.
- Montia parvifolia* (Moc.) Greene var. *parvifolia* Little-leaved montia. [*Claytonia parvifolia* Moc.] GNP, 12.
- Montia sibirica* (L.) Howell var. *sibirica* Miner's lettuce. GNP.

Primulaceae: Primrose Family

- Androsace lehmanniana* Spreng. Arctic rock-jasmine. GNP.
Androsace septentrionalis L. Northern rock jasmine. [*A. subumbellata* (Nels.) Small] GNP, 4, 12.
Dodecatheon conjugens Greene var. *conjugens* Slimpod shooting-star. [*D. acuminatum* Rydb.] 9.
Dodecatheon cusickii Greene Sticky shooting-star. 12.
Dodecatheon pulchellum (Raf.) Merrill var. *pulchellum* Beautiful shooting-star. [*D. pauciflorum* (Durand) Greene] GNP, 12.
Dodecatheon pulchellum var. *watsonii* (Tieds.) Hitchc. Alpine shooting-star. GNP.
Douglasia montana Gray Douglasia. 1.
Lysimachia ciliata L. Fringed loosestrife. [*Steironema ciliatum* (L.) Raf.] 7.
Lysimachia thyriflora L. Bog loosestrife. GNP, 4.

Ranunculaceae: Buttercup Family

- Actaea rubra* (Ait.) Willd. Baneberry. GNP, 12.
Anemone drummondii var. *lithophila* (Rydb.) Hitchc. Drummond's anemone. GNP, 12.
Anemone multifida Poir. var. *multifida* Cliff anemone. [*A. globosa* Nutt.] GNP, 12.
Anemone multifida var. *tetonensis* (Porter) Hitchc. Cliff anemone. [*A. tetonensis* Porter] 12.
Anemone nuttalliana DC. Pasqueflower. [*A. patens* L., *Pulsatilla ludoviciana* (Nutt.) Heller] GNP, 12.
Anemone occidentalis Wats. Mountain pasqueflower. [*Pulsatilla occidentalis* (Wats.) Freyn] GNP, 12.
Anemone parviflora Michx. Northern anemone. GNP, 1.
Aquilegia flavescens Wats. Yellow columbine. GNP, 12.
Aquilegia jonesii Parry Limestone columbine. [*A. jonesii* var. *elatior* Standl.] GNP, 1, 12.
Clematis columbiana (Nutt.) T. & G. var. *columbiana* Columbia virgin's-bower. GNP, 12.
Clematis ligusticifolia Nutt. Western virgin's-bower. GNP, 12.
Delphinium bicolor Nutt. Montana low larkspur. GNP, 1, 4, 12.
Delphinium burkei Greene Meadow larkspur. Harvey 5108, MONTU.
Delphinium depauperatum Nutt. Slim larkspur. GNP, 12.
Delphinium nuttallianum var. *fulvum* Hitchc. Upland larkspur. GNP.
Delphinium occidentale Wats. Duncesap larkspur. GNP.
Myosurus minimus L. Tiny mouse-tail. [*M. lepturus* (Gray) Howell] 12.
Ranunculus aquatilis var. *capillaris* (Thuill.) DC. Water crowfoot.
[*Batrachium flaccidum* (Pers.) Rupr., *B. drouetii* (Schultz) Nyman] GNP, 9, 12.

- Ranunculus cymbalaria* Pursh Shore buttercup. [*Halerpestes cymbalaria* (Pursh) Greene] 12.
- Ranunculus eschscholtzii* var. *suksdorfii* (Gray) Benson Subalpine buttercup. [*R. saxicola* Rydb., *R. suksdorfii* Gray] GNP, 1, 12.
- Ranunculus flammula* L. Lesser spearwort. [*R. reptans* L.] GNP, 12.
- Ranunculus gelidus* Kar. & Kir. Arctic buttercup. [*R. ramulosus* Jones] 12.
- Ranunculus gmelinii* DC. Yellow water-buttercup. [*R. purshii* Richards] 12.
- Ranunculus gmelinii* var. *hookeri* Yellow water-buttercup. (G. Don) Benson GNP.
- Ranunculus inamoenus* Greene Unlovely buttercup. [*R. alpeophilus* Nels.] GNP, 12.
- Ranunculus macounii* Britt. var. *macounii* Macoun's buttercup. [*R. oreganus* (Gray) Howell] GNP, 12.
- Ranunculus repens* L. Creeping buttercup. GNP. Introduced.
- Ranunculus pedatifidus* Smith Birdfoot buttercup. GNP.
- Ranunculus uncinatus* D. Don Little buttercup. [*R. bongardi* Greene] GNP, 12.
- Ranunculus verecundus* Robins. Modest buttercup. GNP.
- Thalictrum occidentale* Gray Western meadowrue. GNP, 12.
- Trollius laxus* Salisb. American globeflower. [*T. albiflorus* (Gray) Rydb.] GNP, 12.

Rhamnaceae: Buckthorn Family

- Ceanothus sanguineus* Pursh Red-stem ceanothus. GNP, 12.
- Ceanothus velutinus* Dougl. var. *velutinus* Mountain balm. GNP, 12.
- Rhamnus alnifolia* L'Her Alder buckthorn. GNP, 12.

Rosaceae: Rose Family

- Amelanchier alnifolia* Nutt. var. *alnifolia* Serviceberry. GNP, 12.
- Amelanchier alnifolia* var. *cusickii* (Fern.) Hitchc. Serviceberry. GNP.
- Crataegus douglasii* Lindl. var. *douglasii* Black hawthorn. GNP, 12.
- Dryas drummondii* Richards Yellow dryad. GNP, 12.
- Dryas integrifolia* Vahl. Arctic dryad. 1.
- Dryas octopetala* var. *hookeriana* (Juz.) Breit. Alpine dryad. GNP, 1, 12.
- Fragaria vesca* var. *bracteata* (Heller) Davis Woods strawberry. [*F. bracteata* Heller] GNP, 12.
- Fragaria virginiana* var. *glauca* Wats. Blueleaved strawberry. [*F. glauca* (Wats.) Rydb.] 12.
- Fragaria virginiana* var. *platyphylla* (Rydb.) Hall Broadpetaled strawberry. [*F. platyphylla* Rydb.] GNP, 12.
- Geum aleppicum* Jacq. Yellow avens. [*G. strictum* Soland] GNP, 12.
- Geum macrophyllum* Willd. Large-leaved avens. 12.

- Geum macrophyllum* var. *perincisum* (Rydb.) Raup. Large-leaved avens. GNP.
- Geum rivale* L. Water avens GNP, 12.
- Geum rossii* var. *turbinatum* (Rydb.) Hitchc. Ross' avens. [*Sieversia turbinata* (Rydb.) Greene] 12.
- Geum triflorum* var. *ciliatum* (Pursh) Fassett Prairie smoke. [*Sieversia ciliata* (Pursh) Don] 12.
- Geum triflorum* Pursh var. *triflorum* Prairie smoke. GNP.
- Holodiscus discolor* (Pursh) Maxim Ocean-spray. [*Sericotheca discolor* (Pursh) Rydb.] GNP, 12.
- Physocarpus malvaceus* (Greene) Kuntze Ninebark. [*Opulaster malvaceus* (Greene) Kuntze] GNP, 12.
- Potentilla anserina* L. Creeping silverweed. 12.
- Potentilla argentea* L. Silvery cinquefoil. GNP, 4, 8. Introduced.
- Potentilla arguta* Pursh Tall cinquefoil. 1. Report is probably based on *P. glandulosa* Lindl.
- Potentilla concinna* Richards Early cinquefoil. 1.
- Potentilla diversifolia* Lehm. var. *diversifolia* Diverse-leaved cinquefoil. [*P. glaucophylla* Lehm.] GNP, 1, 12.
- Potentilla fruticosa* L. Shrubby cinquefoil. GNP, 1, 12.
- Potentilla glandulosa* Lindl. var. *glandulosa* Sticky cinquefoil. [*Drymocallis glandulosa* (Lindl.) Rydb.] 12.
- Potentilla glandulosa* var. *intermedia* (Rydb.) Hitchc. Sticky cinquefoil. GNP.
- Potentilla glandulosa* var. *pseudorupestris* (Rydb.) Breit. Sticky cinquefoil. [*Drymocallis pseudorupestris* Rydb.] GNP, 12.
- Potentilla gracilis* var. *brunnescens* (Rydb.) Hitchc. Prairie cinquefoil. GNP.
- Potentilla gracilis* var. *flabelliformis* (Lehm.) Nutt. Prairie cinquefoil. GNP.
- Potentilla gracilis* var. *glabrata* (Lehm.) Hitchc. Prairie cinquefoil. [*P. nuttallii* Lehm., *P. blaschkeana* Turcz., *P. dichroa* Rydb., *P. viridescens* Rydb.] GNP, 12.
- Potentilla gracilis* var. *pulcherrima* (Lehm.) Fern. Soft cinquefoil. [*P. pulcherrima* Lehm., *P. filipes* Rydb.] GNP, 12.
- Potentilla hippiana* Lehm. Woolly cinquefoil. GNP, 12.
- Potentilla nivea* L. Snow cinquefoil. GNP, 1, 12.
- Potentilla norvegica* L. Norwegian cinquefoil. [*P. monspeliensis* L.] GNP, 12. Introduced.
- Potentilla palustris* (L.) Scop. Marsh-cinquefoil. GNP, 7, 12.
- Potentilla pensylvanica* L. Prairie cinquefoil. [*P. platyloba* Rydb.] 12.
- Potentilla quinquefolia* Rydb. Alpine cinquefoil. GNP, 12.
- Prunus emarginata* (Dougl.) Walp. var. *emarginata* Bittercherry. [*P. corymbulosa* Rydb.] GNP, 12.
- Prunus virginiana* var. *melanocarpa* (Nels.) Sarg. Chokeycherry. [*P. melanocarpa* (Nels.) Rydb.] GNP, 12.

- Rosa acicularis* Lindl. Prickly rose. [*R. bourgeauiana* Crep.] GNP, 12.
Rosa arkansana Porter Prairie rose. GNP.
Rosa gymnocarpa Nutt. Baldhip rose. 12.
Rosa woodsii var. *ultramontana* (Wats.) Jeps. Pearhip rose. [*R. pyrifera* Rydb., *R. ultramontana* (Wats.) Heller] GNP, 12.
Rosa woodsii Lindl. var. *woodsii* Woods's rose. [*R. fendleri* Crep.] 12.
Rubus acaulis Michx. Nagoonberry. GNP. Reports of *R. arcticus* L. 4, 8 are referable here.
Rubus idaeus var. *gracilipes* Jones Red raspberry. [*R. stigosus* Michx.] GNP, 12.
Rubus laciniatus Willd. Evergreen blackberry. 12. Introduced.
Rubus leucodermis Dougl. Black raspberry. GNP, 12.
Rubus parviflorus Nutt. Thimbleberry. GNP, 12.
Rubus pedatus Smith Strawberry bramble. 12.
Rubus pubescens Raf. Dwarf red blackberry. GNP.
Sibbaldia procumbens L. Sibbaldia. GNP, 1, 12.
Sorbus scopulina Greene var. *scopulina* Cascade mountain-ash. [*S. sambucifolia* (Cham. & Schlect.) Roem] GNP, 12.
Sorbus sitchensis Roem. var. *sitchensis* Sitka mountain-ash. GNP, 12.
Spiraea betulifolia var. *lucida* (Dougl.) Hitchc. Shiny-leaved spiraea. [*S. lucida* Dougl.] GNP, 12.
Spiraea densiflora Nutt. var. *densiflora* Subalpine spiraea. GNP, 12.

Rubiaceae: Madder Family

- Galium aparine* var. *echinosporum* (Wallr.) Farw. Cleavers. GNP.
Galium bifolium Wats. Thin-leaved bedstraw. GNP, 12.
Galium boreale L. Northern bedstraw. GNP, 1, 12.
Galium trifidum L. Small bedstraw. [*G. tinctorium* L.] GNP, 8, 12.
 Rosaceae: Rose Family
Galium verum L. Yellow bedstraw. GNP. Introduced.
Amelanchier alnifolia var. *cusickii* (Fern.) Hitchc. Serviceberry. GNP.
Crataegus douglasii Lindl. var. *douglasii* Black hawthorn. GNP, 12.
Dryas drummondii Richards Yellow dryad. GNP, 12.
Dryas integrifolia Vahl. Arctic dryad. 1.
Dryas octopetala var. *hookeriana* (Juz.) Breit. Alpine dryad. GNP, 1, 12.
Fragaria vesca var. *bracteata* (Heller) Davis Woods strawberry. [*F. bracteata* Heller] GNP, 12.
Fragaria virginiana var. *glauca* Wats. Blueleaved strawberry. [*F. glauca* (Wats.) Rydb.] 12.
Fragaria virginiana var. *platyphylla* (Rydb.) Hall Broadpetaled strawberry. [*F. platyphylla* Rydb.] GNP, 12.
Geum aleppicum Jacq. Yellow avens. [*G. strictum* Soland] GNP, 12.
Geum macrophyllum Willd. Large-leaved avens. 12.

- Salix cascadiensis* Cockerell Cascade willow. 1, 12.
Salix commutata Bebb Undergreen willow. [*S. c.* var. *denudata* Bebb] 9, 12.
Salix drummondiana Barratt Drummond's willow. [*S. subcoerulea* Piper] GNP, 12.
Salix exigua Nutt. var. *exigua* Slender willow. GNP.
Salix exigua var. *melanopsis* (Nutt.) Cronq. Dusky willow. [*S. melanopsis* Nutt.] 12.
Salix farriarum Ball Farr's willow. GNP, 12.
Salix geyeriana Anderss. var. *geyeriana* Geyer's willow GNP, 12.
Salix glauca L. Glaucous willow. [*S. glaucops* Anderss.] 1, 12.
Salix lasiandra var. *caudata* (Nutt.) Sudw. Whiplash willow. [*S. caudata* Nutt.] 12.
Salix monticola Bebb Mountain willow. [*S. pseudomonticola* Ball] GNP, 12.
Salix myrtifolia Anderss. Blueberry willow. [*S. pseudomyrsinites* Anderss.] 12.
Salix nivalis Hook. Snow willow. GNP, 1, 12.
Salix rigida var. *mackenzieana* (Hook.) Cronq. Mackenzie's willow. [*S. mackenzieana* (Hook.) Barratt, *S. monochroma* Ball] 7, 12.
Salix scouleriana Barratt Scouler's willow. GNP, 12.
Salix serissima (Bailey) Fern. Fall willow. 12.
Salix sitchensis Sanson Sitka willow. GNP.
Salix vestita var. *erecta* Anderss. Rock willow. GNP, 12.
Salix vestita Pursh var. *vestita* Rock willow. 12.

Santalaceae: Sandalwood Family

- Comandra umbellata* var. *pallida* (DC.) Jones Bastard toadflax. [*C. pallida* DC.] GNP, 12.

Saxifragaceae: Saxifrage Family

- Heuchera cylindrica* var. *glabella* (T. & G.) Wheelock Rock alumroot. [*H. glabella* T. & G.] GNP, 12.
Heuchera parvifolia var. *dissecta* Jones Prairie alumroot. [*H. flabellifolia* Rydb.] GNP, 1, 12.
Leptarrhena pyrolifolia (D. Don) R. Br. Leatherleaf. GNP, 12.
Lithophragma bulbifera Rydb. Rockstar. GNP.
Lithophragma parviflora (Hook.) Nutt. Small-flowered fringe-cup. GNP, 12.
Mitella breweri Gray Brewer's mitrewort. GNP, 12.
Mitella nuda L. Bare-stemmed mitrewort. GNP, 12.
Mitella pentandra Hook. Alpine mitrewort. GNP, 12.
Mitella trifida Grah. Three-toothed mitrewort. [*M. violacea* Rydb.] GNP, 12.
Parnassia fimbriata Konig. var. *fimbriata* Rocky Mountain grass-of-Parnassus. GNP, 1, 12.
Parnassia kotzebuei Cham. Kotzebue's grass-of-Parnassus. GNP, 12.

- Parnassia palustris* var. *montanensis* (Fern. & Rydb.) Hitchc. Northern grass-of-Parnassus. [*P. montanensis* Fern. & Rydb.] GNP, 9, 12.
- Parnassia parviflora* DC. Small-flowered grass-of-Parnassus. GNP.
- Saxifraga ascendens* var. *oregonensis* (Raf.) Breit. Wedge-leaf saxifrage. GNP, 12.
- Saxifraga arguta* Don Brook saxifrage. 12.
- Saxifraga bronchialis* var. *austromontana* (Wieg.) Jones Spotted saxifrage. GNP, 1, 12.
- Saxifraga caespitosa* L. Tufted saxifrage. GNP, 1, 12.
- Saxifraga cernua* L. Nodding saxifrage. GNP, 1, 12.
- Saxifraga debilis* Engelm. Weak saxifrage. GNP, 12.
- Saxifraga ferruginea* var. *macounii* Engl. & Irmsch. Rusty saxifrage. GNP, 12.
- Saxifraga integrifolia* Hook. Swamp-saxifrage. 1. Doubtful. Report is for the alpine; *S. integrifolia* is a lowland species. Report may be based on *S. occidentalis* Wats.
- Saxifraga lyallii* Engelm. Red-stem saxifrage. GNP, 1, 12.
- Saxifraga marshallii* Greene Marshall's saxifrage. 1. Doubtful. Report is probably based on *S. occidentalis* Wats.
- Saxifraga mertensiana* Bong. Mertens' saxifrage. 12.
- Saxifraga occidentalis* Wats. var. *occidentalis* Western saxifrage. GNP.
- Saxifraga oppositifolia* L. Purple saxifrage. GNP, 1, 12.
- Saxifraga rhomboidea* Greene Diamond-leaf saxifrage. GNP, 1, 12.
- Suksdorfia ranunculifolia* (Hook.) Engelm. Subalpine suksdorfia. [*Hemieva ranunculifolia* (Hook.) Raf.] GNP, 12.
- Suksdorfia violacea* Gray Violet suksdorfia. GNP, 12.
- Tellima grandiflora* (Pursh) Dougl. Fringecup. GNP, 9.
- Tiarella trifoliata* var. *unifoliata* (Hook.) Kurtz. Trefoil-foamflower. [*T. unifoliata* Hook.] GNP, 12.

Scrophulariaceae: Figwort Family

- Besseyia wyomingensis* (A. Nels.) Rydb. Wyoming kittentail. [*Synthyris wyomingensis* (Nels.) Heller] GNP, 1, 12.
- Castilleja angustifolia* (Nutt.) Don Narrow-leaf paintbrush. [*C. bradburyi* (Nutt.) Don] 12. Doubtful. *C. angustifolia* has not been otherwise reported in northwestern Montana. Report may be based on *C. hispida* Benth.
- Castilleja cusickii* Greenm. Cusick's paintbrush. [*C. lutea* Heller] GNP, 12.
- Castilleja gracillima* Rydb. Slender paintbrush. [*C. amplifolia* Rydb.] 12.
- Castilleja hispida* Benth. var. *hispida* Harsh paintbrush. GNP.
- Castilleja lutescens* (Greenm.) Rydb. Yellowish paintbrush. GNP.
- Castilleja miniata* Dougl. var. *miniata* Scarlet paintbrush. [*C. vreelandii* Rydb., *C. lancifolia* Rydb.] GNP, 12.
- Castilleja occidentalis* Torr. Western paintbrush. GNP, 1, 6, 12.

Castilleja rhexifolia Rydb. Rhexia-leaved paintbrush. GNP, 1, 12.
Castilleja sulphurea Rydb. Sulphur paintbrush. 12.
Collinsia parviflora Dougl. Blue-eyed Mary. GNP, 12.
Digitalis purpurea L. Foxglove. GNP. Introduced.
Euphrasia arctica var. *disjuncta* (Fern. & Wieg.) Cronq. Northern eyebright.
 GNP.
Gratiola ebracteata Benth. Bractless hedge-hyssop. 12.
Limosella aquatica L. Mudwort. 7, 12.
Linaria vulgaris Mill. Butter-and-eggs. GNP, 12. Introduced.
Melampyrum lineare Desr. Cow-wheat. GNP, 12.
Mimulus breweri (Greene) Rydb. Brewer's monkey-flower. GNP.
Mimulus floribundus Lindl. Purple-stem monkey-flower. GNP.
Mimulus glabratus H.B.K. Smooth monkey-flower. 12.
Mimulus guttatus var. *depauperatus* (Gray) Grant Yellow monkey-flower.
 [*M. hallii* Greene] 12.
Mimulus guttatus DC. var. *guttatus* Yellow monkey-flower. GNP.
Mimulus lewisii Pursh Red monkey-flower. GNP, 12.
Mimulus moschatus Dougl. var. *moschatus* Musk-flower. GNP, 12.
Mimulus tilingii var. *caespitosus* (Greene) Grant Mountain monkey-flower.
 [*M. caespitosus* Greene] 12.
Mimulus tilingii Regel var. *tilingii* Mountain monkey-flower. GNP, 1.
Orthocarpus luteus Nutt. Yellow owl-clover. GNP, 12.
Orthocarpus tenuifolius (Pursh) Benth. Purple owl-clover. GNP.
Pedicularis bracteosa Benth. var. *bracteosa* Indian warrior. GNP, 12.
Pedicularis contorta Benth. var. *contorta* Parrot's beak. GNP, 1, 12.
Pedicularis groenlandica Retz. Elephant's head. GNP, 1, 12.
Pedicularis racemosa var. *alba* (Pennell) Cronq. Sickletop. GNP, 12.
Penstemon albertinus Greene Alberta beardtongue. [*P. virens* Pennell] GNP,
 12.
Penstemon attenuatus Dougl. var. *attenuatus* Sulphur beardtongue. GNP.
Penstemon confertus Dougl. Yellow beardtongue. GNP, 12.
Penstemon ellipticus Coult. & Fisch. Northern shrubby beardtongue. GNP,
 1, 12.
Penstemon eriantherus Pursh var. *eriantherus* Fuzzytongue. [*P. erianthera*
 Pursh] GNP, 12.
Penstemon fruticosus (Pursh) Greene Shrubby beardtongue.
 1. Doubtful. Probably *P. ellipticus*.
Penstemon lyallii Gray Lyall's beardtongue. [*P. linearifolius* Coult. & Fisch.]
 GNP, 12.
Penstemon nitidus Dougl. var. *nitidus* Shining beardtongue. GNP, 12.
Penstemon procerus Dougl. var. *procerus* Small-flowered beardtongue. GNP,
 12.
Penstemon rydbergii var. *varians* (Nels.) Cronq. Rydberg's
 beardtongue. GNP.

Penstemon wilcoxii Rydb. Wilcox's beardtongue. GNP.
Rhinanthus crista-galli L. Penny-rattle. [*R. borealis* Pennell] GNP, 4, 12.
Verbascum blattaria L. Moth mullein. 12. Introduced.
Verbascum thapsus L. Common mullein. GNP, 12. Introduced.
Veronica americana Schwein. American brooklime. GNP, 12.
Veronica chamaedrys L. Germander speedwell. GNP. Introduced.
Veronica cusickii Gray Cusick's speedwell. 3.
Veronica officinalis L. Paul's betony. GNP. Introduced.
Veronica peregrina var. *xalapensis* (H. B. K.) Pennell-Purslane speedwell.
 12.
Veronica scutellata L. Marsh-speedwell. 12.
Veronica serpyllifolia var. *humifusa* (Dickson) Vahl. Thyme-leaved
 speedwell. GNP, 12.
Veronica wormskjoldii Roem. & Schult. Alpine speedwell. [*V. alpina* L.]
 GNP, 1, 12.

Solanaceae: Nightshade Family

Solanum sarrachoides Sendt. Hairy nightshade. GNP. Introduced.

Urticaceae: Nettle Family

Urtica dioica L. Stinging nettle. 12.
Urtica dioica var. *gracilis* (Ait.) Seland. Stinging nettle. GNP.
Urtica dioica var. *lyallii* (Wats.) Hitchc. Stinging nettle. [*U. lyallii* Wats.]
 GNP, 12.

Valerianaceae: Valerian Family

Valeriana dioica var. *sylvatica* (Rich.) Wats. Northern valerian. [*V.*
septentrionalis Rydb.] GNP, 12.
Valeriana occidentalis Heller Western valerian. GNP, 3.
Valeriana sitchensis Bong. Sitka valerian. GNP, 12.

Verbenaceae: Vervain Family

Verbena bracteata Lag. & Rodr. Bracted vervain. GNP, 12.

Violaceae: Violet Family

Viola adunca Sm. var. *adunca* Early blue violet. [*V. montanensis* Rydb.]
 GNP, 12.
Viola adunca var. *bellidifolia* (Greene) Harr. Early blue violet GNP.
Viola canadensis L. Canada violet. GNP, 12.
Viola glabella Nutt. Stream violet. GNP, 12.
Viola nephrophylla Greene Northern bog violet. GNP, 12.
Viola nuttallii var. *major* Hook Nuttall's violet. [*V. linguaefolia* Nutt.] 12.
Viola nuttallii Pursh var. *nuttallii* Yellow prairie violet. GNP.

- Viola orbiculata* Geyer Darkwoods violet. GNP, 12.
Viola palustris L. Marsh-violet. GNP, 12.
Viola renifolia Gray Kidney-leaved violet. Umbach 342, MONT.

ANTHOPHYTA: FLOWERING PLANTS

LILIOPSIDA: 'MONOCOTS'

Alismataceae: Water-plantain Family

- Alisma plantago-aquatica* var. *americanum* Schul. & Schul. American water-plantain. [*A. brevipes* Greene] GNP, 12.
Sagittaria cuneata Sheld. Wapato. 12.

Araceae: Arum Family

- Lysichitum americanum* Hultén & St. John Skunk cabbage. [*L. kamschatcensis* Schott] 12.

Cyperaceae: Sedge Family

- Carex aenea* Fern. Bronze sedge. 12.
Carex albonigra Mack. Black- and white-scaled sedge. GNP, 12.
Carex aquatilis Wahl. Water sedge. [*C. stricta* (Kuken) Mack.] GNP, 3, 7, 12.
Carex arcta Boott Northern clustered sedge. [*C. helianastes* Ehrh.] 3, 12.
Carex atherodes Spreng. Awned sedge. GNP.
Carex athrostachya Olney Slender-beaked sedge. GNP, 12.
Carex atrata var. *atrosquama* (Mack.) Cronq. Blackened sedge. [*C. atrosquama* Mack.] 12.
Carex atrata var. *erecta* Boott Blackened sedge. [*C. chalciolepis* Holm] 12.
Carex aurea Nutt. Golden sedge. GNP, 12.
Carex bebbii Olney Bebb's sedge. 12.
Carex bipartita Allioni Two-parted sedge. [*C. lachenali* Schkuhr.] GNP, 12.
Carex buxbaumii Wahl. Buxbaum's sedge. [*C. polygama* Schkuhr.] 3, 10, 12.
Carex canescens L. Gray sedge. GNP, 12.
Carex capillaris L. Hair sedge. GNP, 1, 12.
Carex chordorrhiza L. Rope-root sedge. GNP, 10.
Carex concinnoides Mack. Northwest sedge. GNP.
Carex deweyana Schwein. Dewey's sedge. [*C. leptopoda* Mack.] 3, 5, 12.
Carex diandra Schrank. Lesser paniced sedge. 12.
Carex dioica var. *gynocrates* (Wormsk.) Ostenf. Yellow bog sedge. [*C. gynocrates* Wormsk.] 12.
Carex disperma Dewey Soft-leaved sedge. 12.
Carex douglasii Boott Douglas' sedge. GNP, 12.

- Carex eleusinoides* Turcz. Goose-grass sedge. [*C. plectocarpa* Herm.] GNP, 6.
- Carex elynoides* Holm. Kobresia-like sedge. 1.
- Carex filifolia* Nutt. Thread-leaved sedge. GNP, 12.
- Carex flava* L. Yellow sedge. GNP, 12.
- Carex geyeri* Boott Geyer's sedge. GNP, 1, 4, 12.
- Carex haydeniana* Olny Hayden's sedge. [*C. nubicola* Mack.] GNP, 12.
- Carex hoodii* Boott Hood's sedge. GNP, 12.
- Carex interior* Bailey Inland sedge. GNP, 12.
- Carex laeviculmis* Meins. Smooth-stem sedge. 12.
- Carex lanuginosa* Michx. Woolly sedge. 12.
- Carex lasiocarpa* var. *americana* Fern. Slender sedge. GNP, 12.
- Carex lenticularis* Michx. var. *lenticularis* Kellogg's sedge. [*C. kelloggii* Boott, *C. goodenovii* J. Gay] GNP, 3, 12.
- Carex leporinella* Mack. Hare sedge. GNP, 1.
- Carex leptalea* Wahl. Bristle-stalked sedge. 12.
- Carex limosa* L. Mud sedge. GNP, 1, 10, 12.
- Carex livida* (Wahl.) Willd. Pale sedge. GNP, 10.
- Carex mertensii* Prescott Mertens' sedge. GNP, 12.
- Carex microptera* Mack. Small winged sedge. [*C. festivella* Mack.] GNP, 5, 12.
- Carex nardina* Fries Spikenard sedge. [*C. hepburnii* Boott] GNP, 1, 12.
- Carex nebrascensis* Dewey Nebraska sedge. GNP, 12.
- Carex nigricans* Mey. Black alpine sedge. 12.
- Carex norvegica* Retz Scandinavian sedge. [*C. halleri* Gunn.] 12.
- Carex nova* Bailey New sedge. 1.
- Carex oederi* Retz. Green sedge. [*C. viridula* Michx.] 7, 12.
- Carex pachystachya* Cham. Thick-headed sedge. [*C. preslii* Steud.] 12.
- Carex parryana* Dewey Parry's sedge. 12.
- Carex paysonis* Clokey Payson's sedge [*C. podocarpa* R. Br.] 1, 12.
- Carex petricosa* Dewey Rock sedge. Harvey & Pemble 7182, MONTU.
- Carex phaeocephala* Piper Dunhead sedge. GNP, 1, 12.
- Carex praegracilis* Boott Clustered field sedge. 12.
- Carex praticola* Rydb. Meadow sedge. Harvey 4248, 4538, MONTU.
- Carex pyrenaica* Wahl. Pyrenean sedge. GNP, 1, 12.
- Carex reynoldsii* Dewey Reynold's sedge. GNP, 12.
- Carex rossii* Boott Ross's sedge. 12.
- Carex rostrata* Stokes Beaked sedge. GNP, 12.
- Carex rupestris* All. Curly sedge. 1.
- Carex sartwellii* Dewey Sartwell's sedge. 12.
- Carex saxatilis* L. Russet sedge. [*C. physocarpa* Presl.] 3, 5.
- Carex scirpoidea* Michx. Single-spike sedge. 12.
- Carex scirpoidea* var. *pseudoscirpoidea* (Rydb.) Cronq. Single-spike sedge. [*C. pseudoscirpoidea* Rydb.] GNP, 1, 7.
- Carex scirpoidea* var. *stenochlaena* Holm Single-spike sedge. [*C. stenochlaena* (Holm) Mack.] 1, 2.

- Carex scoparia* Schk. Pointed broom sedge. 1. Doubtful. Reported for the alpine; *C. scoparia* is a lowland species.
- Carex siccata* Dewey Silvertop sedge. GNP.
- Carex spectabilis* Dewey Showy sedge. [*C. tolmei* Boott] GNP, 12.
- Carex stipata* Muhl. Sawbeak sedge. GNP, 5.
- Carex vesicaria* L. var. *vesicaria* Inflated sedge. [*C. vesicaria* var. *distenta* Fries.?] 7, 12.
- Dulichium arundinaceum* (L.) Britt. Dulichium. GNP, 12.
- Eleocharis acicularis* (L.) Roem. & Schult. Needle spike-rush. 4, 12.
- Eleocharis palustris* (L.) Roem. & Schult. Common spike-rush. GNP, 12.
- Eleocharis tenuis* var. *borealis* (Sven.) Gleason Slender spike-rush. [*E. elliptica* Kunth] GNP, 10, 12.
- Eriophorum chamissonis* C. A. Mey. Chamisso's cotton-grass. GNP, 12.
- Eriophorum gracile* Koch Slender cotton-grass. GNP, 8.
- Eriophorum polystachion* L. Many-spiked cotton-grass. [*E. angustifolium* Roth] GNP, 3, 12.
- Eriophorum viridicarinatum* (Engelm.) Fern. Green-keeled cotton-grass. GNP, 8, 10.
- Kobresia myosuroides* (Vill.) Fiori Bellard's kobresia. GNP, 1, 2.
- Kobresia simpliciuscula* (Wahl.) Mack. Simple kobresia. GNP.
- Scirpus acutus* Muhl. Hardstem bulrush. [*S. occidentalis* (Wats.) Chase] 12.
- Scirpus cespitosus* L. Tufted clubrush. GNP, 4, 10.
- Scirpus hudsonianus* (Michx.) Fern. Hudson's Bay bulrush. [*Eriophorum alpinum* L.] GNP, 8, 10.
- Scirpus microcarpus* Presl. Small-fruited bulrush. GNP, 12.
- Scirpus subterminalis* Torr. Water bulrush. 8.

Hydrocharitaceae: Frog's-bit Family

- Elodea canadensis* Rich. Canada waterweed. GNP.

Iridaceae: Iris Family

- Iris missouriensis* Nutt. Blue flag. GNP, 12.
- Sisyrinchium angustifolium* Mill. Blue-eyed grass. [*S. mucronatum* Michx., *S. sarmentosum* Suksd.] GNP, 4, 12.

Juncaceae: Rush Family

- Juncus alpinus* Vill. Northern rush. GNP, 12.
- Juncus balticus* Willd. Wiregrass. 12.
- Juncus biglumis* L. Two-flowered rush. GNP, 2, 6, 12.
- Juncus bufonius* L. Toad rush. GNP, 4, 12.
- Juncus castaneus* Smith Chestnut rush. 4.
- Juncus confusus* Cov. Colorado rush. GNP, 4, 12.
- Juncus drummondii* Mey. Drummond's rush. GNP, 1, 12.
- Juncus ensifolius* Wikstr. var. *ensifolius* Dagger-leaf rush. GNP, 12.

- Juncus ensifolius* var. *montanus* (Engelm.) Hitchc. Dagger-leaf rush. [*J. saximontanus* Nels.] GNP, 12.
- Juncus filiformis* L. Thread rush. GNP, 4, 8.
- Juncus longistylis* Torr. Long-styled rush. GNP, 4, 12.
- Juncus mertensianus* Bong. Mertens' rush. GNP, 1, 12.
- Juncus nodosus* L. Tuberous rush. GNP, 7.
- Juncus parryi* Engelm. Parry's rush. GNP, 12.
- Juncus regelii* Buchenau Regel's rush. 4, 12.
- Juncus tracyi* Rydb. Tracy's rush. GNP.
- Juncus triglumis* var. *albescens* Lange Three-flowered rush. [*J. albescens* (Lange) Fern.] GNP, 1, 12.
- Luzula arcuata* (Wahl.) Wahl. Curved woodrush. Lesica 2448, MONTU.
- Luzula campestris* (L.) DC. Sweep's brush. [*Juncooides campestre* (L.) Kuntze] 12.
- Luzula hitchcockii* Hamet-Ahti Smooth woodrush. [*Juncooides glabratum* (Hoppe.) Sheld.] GNP, 12.
- Luzula parviflora* (Ehrh.) Desv. Small-flowered woodrush. [*Juncooides parviflorum* Ehrh.) Cov.] 12.
- Luzula piperi* (Cov.) Jones Piper's woodrush. [*Juncooides piperi* Cov., *L. wahlenbergii* Rupr.] 1, 12.
- Luzula spicata* (L.) DC. Spiked woodrush. [*Juncooides spicatum* (L.) Kuntze] GNP, 1, 12.

Lemnaceae: Duckweed Family

- Lemna minor* L. Small duckweed. GNP, 12.
- Lemna trisulca* L. Star duckweed. GNP, 12.

Liliaceae: Lily Family

- Allium cernuum* Roth Nodding wild onion. GNP, 12.
- Allium fibrillum* Jones Fringed onion. 6, 8.
- Allium geyeri* Wats. Geyer's onion. [*A. fibrosum* Rydb.] 4, 12.
- Allium schoenoprasum* L. Chives. [*A. sibiricum* L.] GNP, 12.
- Allium textile* Nels. & Macbr. Textiled onion. [*A. nuttallii* Wats.] GNP, 12.
- Asparagus officinalis* L. Asparagus. GNP. Introduced.
- Calochortus apiculatus* Baker Pointed mariposa. GNP.
- Calochortus elegans* Lindl. Elegant mariposa. 12. Doubtful. Report is almost certainly based on *C. apiculatus* Baker.
- Camassia quamash* (Pursh) Greene var. *quamash* Camas. [*Quamasia quamash* (Pursh) Cov.] GNP, 12.
- Clintonia uniflora* (Schult.) Kunth Queen's-cup. GNP, 12.
- Disporum hookeri* (Torr.) Nich. Hooker's fairy-bell. [*D. oreganum* (Wats.) Mill.] GNP, 12.
- Disporum trachycarpum* (Wats.) Benth. & Hook. Wartberry. GNP, 12.

- Erythronium grandiflorum* var. *candidum* (Piper) Abrams White glacier-lily. J. Beehler 61, MONTU.
- Erythronium grandiflorum* Pursh var. *grandiflorum* Glacier-lily. GNP, 12.
- Fritillaria pudica* (Pursh) Spreng. Yellowbell. 12.
- Lloydia serotina* (L.) Sw. Alp lily. 1. Questionable report.
- Smilacina racemosa* (L.) Desf. Feathery Solomon's-plume. [*Vagnera racemosa* (L.) Morong] GNP.
- Smilacina stellata* (L.) Desf. Starry Solomon's-plume. [*Vagnera amplexicaulis* (Nutt.) Marong, *V. stellata* (L.) Marong, *V. sessilifolia* (Nutt.) Greene] GNP, 12.
- Stenanthium occidentale* Gray Bronze bells. GNP, 12.
- Streptopus amplexifolius* var. *chalazatus* Fassett Twisted-stalk. GNP, 12.
- Tofieldia glutinosa* var. *montana* (Hitchc.) Davis Common false-asphodel. [*T. intermedia* Rydb.] GNP, 12.
- Tofieldia pusilla* (Michx.) Pers. Little false asphodel. [*T. palustris* Huds.] GNP, 7, 12.
- Trillium ovatum* Pursh Wake-robin. GNP, 12.
- Veratrum viride* Ait. False hellebore. GNP, 12.
- Xerophyllum tenax* (Pursh) Nutt. Beargrass. GNP, 1, 12.
- Zigadenus elegans* Pursh Showy death-camas. GNP, 1, 12.
- Zigadenus paniculatus* (Nutt.) Wats. Panicked death-camas. 12. Doubtful. Report is probably based on *Z. venenosus* Wats.
- Zigadenus venenosus* var. *gramineus* (Rydb.) Walsh Deadly death-camus. GNP.

Orchidaceae: Orchid Family

- Calypso bulbosa* (L.) Oaks Fairy slipper. [*Cytherea bulbosa* (L.) House] GNP, 12.
- Corallorhiza maculata* Raf. Spotted coral-root. [*C. multiflora* Nutt.] GNP, 12.
- Corallorhiza mertensiana* Bong. Western coral-root. GNP, 12.
- Corallorhiza striata* Lindl. Striped coral-root. 4.
- Corallorhiza trifida* Chat. Yellow coral-root. [*C. innata* R. Br.] GNP, 12.
- Cypripedium montanum* Dougl. White lady-slipper. GNP, 4.
- Cypripedium passerinum* Richards Spotted lady-slipper. GNP.
- Epipactis gigantea* Dougl. Giant helleborine. [*Serapias gigantea* (Dougl.) Eat.] 12.
- Goodyera oblongifolia* Raf. Dwarf rattlesnake-plantain. GNP, 12.
- Goodyera repens* (L.) R. Br. Western rattlesnake-plantain. GNP.
- Habenaria dilatata* (Pursh) Hook. Bog-candle. 12.
- Habenaria dilatata* (Pursh) Hook. var. *dilatata* Bog-candle. GNP.
- Habenaria elegans* (Lindl.) Boland Hillside rein-orchid. GNP.
- Habenaria hyperborea* (L.) R. Br. Green bog-orchid. GNP.
- Habenaria obtusata* (Banks) Richards One-leaf rein-orchid. GNP, 8, 12.

Habenaria saccata Greene Slender bog-orchid. [*H. stricta* (Lindl.) Wats.]
GNP, 12.

Habenaria unalascensis (Spreng.) Wats. Alaska rein-orchid. GNP, 12.

Habenaria viridis var. *bracteata* (Muhl.) Gray Frog-orchis. GNP.

Listera borealis Marong Northern twayblade. GNP.

Listera caurina Piper Western twayblade. [*Ophrys caurina* (Piper) Rydb.]
GNP, 4, 12.

Listera convallarioides (Sw.) Nutt. Broad-lipped twayblade. [*Ophrys
convallarioides* (Sw.) Wight] 12.

Listera cordata (L.) R. Br. Heart-leaf twayblade. [*Ophrys cordata* L.] 4, 12.

Spiranthes romanzoffiana Cham. Lady's-tresses. [*Ibidium romanzoffianum
(Cham.) House*] GNP, 12.

Poaceae: Grass Family

Agropyron caninum var. *andinum* (Scribn. & Smith) Hitchc. Bearded
wheatgrass. [*A. violaceum* (Hornem.) Lange] 12.

Agropyron caninum var. *latiglume* (Scribn. & Smith) Hitchc. Broadglumed
wheatgrass. [*A. latiglume* (Scribn. & Smith) Rydb.] GNP, 1.

Agropyron caninum var. *majus* (Vasey) Hitchc. Slender wheatgrass. [*A.
tenerum* Vasey] 12.

Agropyron cristatum (L.) Gaertn. Crested wheatgrass. [*A. desertorum
(Fisch.) Schult.*] GNP, 4. Introduced.

Agropyron dasystachyum (Hook.) Scribn. Thick-spiked wheatgrass. GNP, 12.

Agropyron smithii Rydb. Western wheatgrass. GNP, 12.

Agropyron spicatum (Pursh) Scribn. & Smith var. *spicatum* Bluebunch
wheatgrass. [*A. inerme* (Scribn. & Smith) Rydb.] GNP, 12.

Agrostis alba L. var. *alba* Redtop. [*A. palustris* Huds.] GNP, 12. Introduced.

Agrostis exarata var. *minor* (Hook.) Hitchc. Spike-bentgrass. GNP, 12.

Agrostis humilis Vasey Alpine bentgrass. GNP, 12.

Agrostis scabra Willd. Tickle-grass. [*A. hiemalis* (Walt.) B.S.P.] GNP, 12.

Agrostis thurberiana Hitchc. Thurber's bentgrass. GNP, 12.

Agrostis variabilis Rydb. Variable bentgrass. GNP.

Alopecurus aequalis Sobol. Little meadow-foxtail. [*A. aristulatus* Michx.]
GNP, 12.

Alopecurus alpinus Smith Alpine meadow-foxtail GNP, 4, 12.

Beckmannia syzigachne (Steud.) Fern. Slough-grass. [*B. erucaeformis* (L.)
Host] GNP, 12.

Bromus carinatus H. & A. var. *carinatus* California brome. [*B. marginatus
Nees, B. polyanthus* Scribn.] GNP, 12.

Bromus ciliatus L. Fringed brome. [*B. richardsonii* Link.] 7, 12.

Bromus inermis Leyss. var. *inermis* Smooth brome. GNP, 12. Introduced

Bromus inermis var. *pumpellianus* (Scribn.) Wagon Pumpelly's brome. [*B.
pumpellianus* Scribn.] GNP, 1, 12.

Bromus secalinus L. Rye-brome. 12. Introduced.

Bromus tectorum L. Cheatgrass. GNP, 12. Introduced.
Bromus vulgaris (Hook.) Shear Columbia brome. 12.
Calamagrostis canadensis (Michx.) Beauv. Bluejoint reedgrass. 12.
Calamagrostis canadensis var. *acuminata* Vasey Bluejoint reedgrass. GNP.
Calamagrostis inexpansa Gray var. *inexpansa* Narrow-spiked reedgrass. GNP, 12.
Calamagrostis koelerioides Vasey Fire reedgrass. GNP.
Calamagrostis purpurascens R. Br. Purple reedgrass. [*C. vaseyi* Beal] GNP, 1, 12.
Calamagrostis rubescens Buckl. Pinegrass. GNP, 12.
Catabrosa aquatica (L.) Beauv. Brookgrass. 12.
Cinna latifolia (Trev.) Griseb. Woodreed. GNP, 12.
Dactylis glomerata L. Orchard-grass. GNP. Introduced.
Danthonia californica Boland. California oatgrass. [*D. americanum* Scribn.] GNP, 12.
Danthonia intermedia Vasey Timber oatgrass. GNP, 12.
Danthonia parryi Scribn. Parry's oatgrass. 4.
Danthonia spicata (L.) Beauv. Poverty oatgrass. [*D. pinetorum* Piper] GNP, 3.
Danthonia unispicata (Thurb.) Munro One-spiked oatgrass. GNP, 12.
Deschampsia atropurpurea (Wahl.) Scheele Mountain hairgrass. [*Aira atropurpurea* Wahl., *Vahlodea atropurpurea* Wahl.] GNP, 1, 12.
Deschampsia cespitosa (L.) Beauv. var. *cespitosa* Tufted hairgrass. [*Aira cespitosa* L.] GNP, 1, 12.
Deschampsia elongata (Hook.) Munro Slender hairgrass. [*Aira elongata* Hook.] GNP, 12.
Echinochloa crusgalli (L.) Beauv. Barnyard-grass. GNP. Introduced.
Elymus canadensis L. Canada wildrye. 12.
Elymus cinereus Scribn. & Merr. var. *cinereus* Great Basin wildrye. [*E. condensatus* Presl.] GNP, 12.
Elymus glaucus Buckl. var. *glaucus* Blue wildrye. GNP, 12.
Elymus glaucus var. *jepsonii* Davy Western ryegrass. GNP.
Elymus innovatus Beal Boreal wildrye. 5.
Elymus macounii Vasey Macoun's wildrye. [*Agropyron caninum* X *Hordeum jubatum*] GNP.
Elymus triticoides Buckl. Creeping wildrye. 12.
Festuca baffinensis Polun. Baffin Island fescue. 1, 2.
Festuca idahoensis Elmer var. *idahoensis* Idaho fescue. GNP, 12.
Festuca occidentalis Hook. Western fescue. GNP, 12.
Festuca ovina var. *brevifolia* (R. Br.) Wats. Alpine fescue. [*F. brachyphylla* Schult.] GNP, 1, 12.
Festuca ovina var. *rydbergii* St.-Yves Sheep fescue. [*F. saximontana* Rydb.] GNP, 12.
Festuca ovina var. *vivipara* L. Bulbiferous sheep fescue. [*S. vivipara* (L.) Sm. GNP, 1, 12.

- Festuca rubra* var. *prolifera* Piper Bulbiferous red fescue. GNP.
- Festuca rubra* L. var. *rubra* Red fescue. GNP, 12.
- Festuca scabrella* Torr. Rough fescue. GNP, 12.
- Glyceria borealis* (Nash) Batch. Northern mannagrass. [*Panicularia borealis* Nash] GNP, 12.
- Glyceria elata* (Nash) Jones Tall mannagrass. [*Panicularia nervata* var. *elata* (Nash)] GNP, 12.
- Glyceria grandis* Wats. Reed mannagrass. 7.
- Glyceria striata* var. *stricta* (Scribn.) Fern. Fowl mannagrass. [*Panicularia nervata* (Willd.) Kuntze] GNP, 12.
- Helictotrichon hookeri* (Scribn.) Henr. Spike-oat. 4.
- Hesperochloa kingii* (Wats.) Rydb. Spike-fescue. [*Festuca confinis* Vasey] 12. Doubtful. *Hesperochloa kingii* is not otherwise reported from northern Montana.
- Hierochloa odorata* (L.) Beauv. Vanillagrass. [*Torresia odorata* (L.) Hitchc.] GNP, 4, 12.
- Hordeum brachyantherum* Nevski Meadow barley. [*H. nodosum* L.] GNP, 12.
- Hordeum jubatum* L. Foxtail barley. GNP, 12.
- Koeleria cristata* Pers. Prairie junegrass. GNP, 12.
- Melica bulbosa* Geyer var. *bulbosa* Common oniongrass. [*M. bella* Piper.] GNP, 4, 12.
- Melica smithii* (Porter) Vasey Smith's oniongrass. GNP, 12.
- Melica spectabilis* Scribn. Showy oniongrass. GNP, 12.
- Melica subulata* (Griseb.) Scribn. var. *subulata* Alaska oniongrass. [*Festuca subulata* Bong.] GNP, 12.
- Muhlenbergia glomerata* (Willd.) Trin. Marsh muhly. GNP.
- Muhlenbergia richardsonis* (Trin.) Rydb. Mat muhly. [*M. squarrosa* (Trin.) Rydb.] 12.
- Oryzopsis asperifolia* Michx. Rough-leaf ricegrass. GNP, 12.
- Oryzopsis exigua* Thurb. Little ricegrass. GNP, 4.
- Panicum capillare* L. Common witchgrass. GNP. Introduced.
- Phalaris arundinacea* L. Reed canarygrass. GNP, 4, 12.
- Phleum alpinum* L. Alpine timothy. GNP, 1, 12.
- Phleum pratense* L. Common timothy. GNP, 12. Introduced.
- Poa alpina* L. Alpine bluegrass. GNP, 1, 12.
- Poa annua* L. Annual bluegrass. GNP, 12. Introduced.
- Poa compressa* L. Canada bluegrass. GNP, 12. Introduced.
- Poa cusickii* Vasey Cusick's bluegrass. 3.
- Poa cusickii* var. *epilis* (Scribn.) Hitchc. Skyline bluegrass. [*P. epilis* Scribn.] GNP, 1, 12.
- Poa gracillima* Vasey Slender bluegrass. 12.
- Poa grayana* Vasey Gray's bluegrass. Harvey & Pemble, 2284, 7087, MONTU.
- Poa interior* Rydb. Inland bluegrass. GNP.

- Poa leptocoma* Trin. Bog bluegrass. [*P. paucispicula* Scribn. & Merr.] GNP, 7, 12.
- Poa nervosa* (Hook.) Vasey Wheeler's bluegrass. [*P. wheeleri* Vasey] GNP, 12.
- Poa nevadensis* Vasey Nevada bluegrass. 3.
- Poa palustris* L. Fowl bluegrass. GNP, 12.
- Poa pattersonii* Vasey Patterson's bluegrass. GNP, 1.
- Poa pratensis* L. Kentucky bluegrass. GNP, 12. Introduced.
- Poa reflexa* Vasey & Scribn. Nodding bluegrass. GNP.
- Poa rupicola* Nash Timberline bluegrass. 1.
- Poa sandbergii* Vasey Sandberg's bluegrass. 12.
- Poa scabrella* (Thurb.) Benth. Rough bluegrass. [*P. lucida* Vasey] GNP, 12.
- Poa stanantha* Trin. Trinius' bluegrass. GNP, 1, 7.
- Puccinellia pauciflora* var. *microtheca* (Buckl.) Hitchc. Weak alkaligrass. GNP.
- Sitanion hystrix* (Nutt.) Smith var. *hystrix* Bottlebrush grass. GNP, 4.
- Stipa comata* Trin. & Rupr. Needle-and-thread. GNP.
- Stipa occidentalis* var. *minor* (Vasey) Hitchc. Small needlegrass. [*S. columbiana* Macoun] GNP, 7.
- Stipa occidentalis* var. *nelsonii* (Scribn.) Hitchc. Nelson's needlegrass. [*S. nelsonii* Scribn.] 12.
- Stipa richardsonii* Link. Richardson's needlegrass. GNP, 12.
- Stipa viridula* Trin. Green needlegrass. 12.
- Trisetum canescens* Buckl. Tall trisetum. GNP, 12.
- Trisetum cernuum* Trin. Nodding trisetum. GNP, 12.
- Trisetum spicatum* (L.) Richt. Downy trisetum. GNP, 1, 12.
- Trisetum wolfii* Vasey Beardless trisetum. GNP, 12.
- Triticum aestivum* L. Wheat. 12. Introduced.

Potamogetonaceae: Pondweed Family

- Potamogeton alpinus* Balbis Northern pondweed. [*P. lucens* L., *P. tenuifolius* Raf.] GNP, 7, 12.
- Potamogeton amplifolius* Tuckerman. Large-leaved pondweed. 12.
- Potamogeton berchtoldii* Fieb. Berchtold's pondweed. [*P. pusillus* L., *P. p.* var. *mucronatus* (Fieb.) Graeb.] 7, 12.
- Potamogeton epihydrus* Raf. Ribbon-leaf pondweed. 7.
- Potamogeton filiformis* Pers. Slender-leaved pondweed. [*P. interior* Rydb., *P. filiformis* var. *borealis* (Raf.) St. John] 7, 12.
- Potamogeton friesii* Rupr. Flat-stalked pondweed. GNP, 7.
- Potamogeton gramineus* L. Grass-leaved pondweed. [*P. heterophyllus* Schreb.] GNP, 7, 12.
- Potamogeton illinoensis* Morong Illinois pondweed. GNP.
- Potamogeton natans* L. Broad-leaved pondweed. GNP, 12.
- Potamogeton obtusifolius* Mert. & Koch Blunt-leaved pondweed. 7.

- Potamogeton pectinatus* L. Fennel-leaved pondweed. 12.
Potamogeton praelongus Wulf. White-stalked pondweed. 7.
Potamogeton pusillus L. Small pondweed. [*P. panormitanus* var. *minor* Biv.]
 7.
Potamogeton richardsonii (Bennett) Rydb. Richardson's pondweed. GNP, 12.
Potamogeton vaginatus Turcz. Sheathing pondweed. 7.
Potamogeton zosteriformis Fern. Eel-grass pondweed. [*P. compressus* L.] 12.

Scheuchzeriaceae: Scheuchzeria Family

- Scheuchzeria palustris* var. *americana* Fern. Scheuchzeria. GNP, 10, 12.

Sparganiaceae: Bur-reed Family

- Sparganium angustifolium* Michx. Floating bur-reed. GNP, 12.
Sparganium emersum var. *multipedunculatum* (Marong) Reveal Simplestem-
 bur-reed. GNP, 12.
Sparganium minimum Fries Small bur-reed. GNP, 4, 7.

Typhaceae: Cat-tail Family

- Typha latifolia* L. Broadleaved cat-tail. GNP, 12.

Reports of *Phacelia franklinii*, *Hackelia ciliata* (*Lappula ciliata*) and *Penstemon fruticosus* (*P. menziesii*) by Gaff (1922), *Corallorhiza wisteriana* and *Juncus articulatus* by Harvey (1954) and *Arenaria macrophylla* and *Eriogonum caespitosum* by Bamberg and Major (1968), have been found to be based on misidentified specimens.

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NETTLE Family	33	Phacelia, Lyall's	22	Pussy-toes, Alpine	8
Nettle, Stinging	33	Phacelia, Silky	22	Pussy-toes, Field	8
Nightshade, Enchanter's	23	Phacelia, Silverleaf-	22	Pussy-toes, Fragrant	8
		Phacelia, Threadleaved	22	Pussy-toes, Nuttall's	8
NIGHTSHADE Family	33	Phacelia, Virgate	22	Pussy-toes, One-headed	8
		Phlox, Alyssum-leaved	24	Pussy-toes, Racemose	8
Nightshade, Hairy	33	PHLOX Family	24	Pussy-toes, Rosy	8
Ninebark	28	Phlox, Hood's	24	Pussy-toes, Tall	8
		PIGWEEED Family	6	Pussy-toes, Umber	8
Oak, Jerusalem	17	Pigweed, Prostrate	6	Pussy-toes, Woodrush	8
Oatgrass, California	40	Pigweed, Rough	6	Pussy-toes, Woolly	8
Oatgrass, One-spiked	40	PINE Family	6	Queen's-cup	37
Oatgrass, Parry's	40	Pine, Ground	4	QUILLWORT Family	4
Oatgrass, Poverty	40	Pine, Limber	6	Quillwort, Bristle-	4
Oatgrass, Timber	40	Pine, Lodgepole	6		
Ocean-spray	28	Pine, Ponderosa	6		
Old-man-in-the-spring	12	Pine, Prince's	18	Ragweed, Annual	8
OLEASTER Family	18	Pine, Western white	6	Ragweed, Western	8
Onion, Fringed	37	Pine, Whitebark	6	Raspberry, Black	29
Onion, Geyer's	37	Pineapple weed	12	Raspberry, Red	29
Onion, Nodding wild	37	Pinedrops	19	Rattlesnake-plantain, Dwarf	38
Onion, Textile	37	Pinegrass	40	Rattlesnake-plantain, Western	38
Oniongrass, Alaska	41	Pinesap	18		
Oniongrass, Common	41	PINK Family	16	Rattlesnake-root, Arrow-leaved	12
Oniongrass, Showy	41	Pipe, Indian	18		
Oniongrass, Smith's	41	Plantain, Common	24	Redtop	39
Orchard-grass	40	Plantain, English	24	Reedgrass, Bluejoint	40
ORCHID Family	38	Plantain, Silvery	24	Reedgrass, Fire	40
Oregon-grape	13	Podfern	5	Reedgrass, Narrow-spiked	40
Owl-clover, Purple	32	POLYPODY-FERN Family	5		
Owl-clover, Yellow	32		5	Reedgrass, Purple	40
		Pond lily, Indian	23	Rein-orchid, Alaska	39
Pahute weed	17	Pondweed, Berchtold's	42	Rein-orchid, Hillside	38
Paintbrush, Cusick's	31	Pondweed, Blunt-leaved	43	Rein-orchid, One-leaf	38
Paintbrush, Harsh	31	Pondweed, Broad-leaved	42	Ricegrass, Little	41
Paintbrush, Narrow-leaf	31	Pondweed, Eel-grass	43	Ricegrass, Rough-leaf	41
		PONDWEED Family	42	Rockcress, Drummond's	14
Paintbrush, Rhexia-leaved	32	Pondweed, Fennel-leaved	43	Rockcress, Hairy	14
		Pondweed, Flat-stalked	42	Rockcress, Holboel's	14
Paintbrush, Scarlet	31	Pondweed, Grass-leaved	42	Rockcress, Lemmon's	14
Paintbrush, Slender	31	Pondweed, Illinois	42	Rockcress, Lyall's	14
Paintbrush, Sulphur	32	Pondweed, Large-leaved	42	Rockcress, Lyre-leaved	14
Paintbrush, Western	31	Pondweed, Northern	42	Rockcress, Nuttall's	14
Paintbrush, Yellowish	31	Pondweed, Ribbon-leaf	42	Rocket, Wall	14
Parrot's beak	32	Pondweed, Richardson's	43	Rock-jasmine, Alpine	26
Parsnip	7	Pondweed, Sheathing	43		

Rock-jasmine, Northern	26	Saxifrage, Swamp-	31	Sedge, Scandinavian	35
Rock-rose	24	Saxifrage, Tufted	31	Sedge, Showy	36
Rockstar	30	Saxifrage, Weak	31	Sedge, Silvertop	36
Rose, Baldhip	29	Saxifrage, Wedge-leaved	31	Sedge, Single-spike	35
ROSE Family	27	Saxifrage, Western	31	Sedge, Slender	35
Rose, Pearhip	29	Scheuchzeria	43	Sedge, Slender-beaked	34
Rose, Prairie	29	SCHEUCHZERIA Family	43	Sedge, Small winged	35
Rose, Prickly	29	Scouring-rush	4	Sedge, Smooth-stem	35
Rose, Woods'	29	Sedge, Awned	34	Sedge, Soft-leaved	34
Rush, Chestnut	36	Sedge, Bebb's	34	Sedge, Spikenard	35
Rush, Colorado	36	Sedge, Beaked	35	Sedge, Thick-headed	35
Rush, Dagger-leaf	36, 37	Sedge, Black alpine	35	Sedge, Thread-leaved	35
Rush, Drummond's	36	Sedge, Black- and white-scaled	34	Sedge, Two-parted	34
RUSH Family	36	Sedge, Blackened	34	Sedge, Water	34
Rush, Long-styled	37	Sedge, Bristle-stalked	35	Sedge, Woolly	35
Rush, Mertens'	37	Sedge, Bronze	34	Sedge, Yellow	35
Rush, Northern	36	Sedge, Buxbaum's	34	Sedge, Yellow bog	34
Rush, Parry's	37	Sedge, Clustered field	35	Selaginella, Compact	4
Rush, Regel's	37	Sedge, Curly	35	SELAGINELLA Family	4
Rush, Thread	37	Sedge, Dewey's	34	Selaginella, Wallace's	4
Rush, Three-flowered	37	Sedge, Douglas'	34	Self-heal	22
Rush, Toad	36	Sedge, Dunhead	35	Serviceberry	27
Rush, Tracy's	37	SEDGE Family	34	Shepherd's-purse	14
Rush, Tuberous	37	Sedge, Geyer's	35	Shooting-star, Alpine	26
Rush, Two-flowered	36	Sedge, Golden	34	Shooting-star, Beautiful	26
Ryegrass, Western	40	Sedge, Goose-grass	35	Shooting-star, Slimpod	26
Sagebrush, Big	9	Sedge, Gray	34	Shooting-star, Sticky	26
Sagewort, Biennial	9	Sedge, Green	35	Sibbaldia	29
Sagewort, Boreal	9	Sedge, Hair	34	Sickletop	32
Sagewort, Fringed	9	Sedge, Hare	35	Silverweed, Creeping	28
Sagewort, Northern	9	Sedge, Hayden's	35	Skullcap, Marsh-	22
Sagewort, Rocky Mountain	9	Sedge, Hood's	35	Skunk cabbage	34
Salsify	13	Sedge, Inflated	36	Sky pilot	24
SANDALWOOD Family	30	Sedge, Inland	35	Sloughgrass	39
Sandspurry, Red	17	Sedge, Kobresia-like	35	Smartweed, Water-	25
Sandwort, Arctic	16	Sedge, Kellogg's	35	Smelowskia	15
Sandwort, Ballhead	16	Sedge, Lesser panicled	34	Snake-root, Black	7
Sandwort, Boreal	16	Sedge, Meadow	35	SNAKE'S-TONGUE FERN	4
Sandwort, Bluntleaved	16	Sedge, Mertens'	35	Family	4
Sandwort, Mountain	16	Sedge, Mud	35	Snowberry, Common	16
Sandwort, Nuttall's	16	Sedge, Nebraska	35	Solomon's-plume, Feathery	38
Sandwort, Ross'	16	Sedge, New	35	Solomon's-plume, Starry	38
Sarsaparilla, Wild	8	Sedge, Northern clustered	34	Sorrel, Alpine	25
Saxifrage, Brook	31	Sedge, Northwest	34	Sorrel, Meadow	25
Saxifrage, Diamond-leaf	31	Sedge, North-west	34	Sorrel, Mountain	25
SAXIFRAGE Family	30	Sedge, Pale	35	Sorrel, Sheep	25
Saxifrage, Marshall's	31	Sedge, Parry's	35	Sow-thistle, Field	12
Saxifrage, Mertens'	31	Sedge, Payson's	35	Sow-thistle, Prickly	12
Saxifrage, Nodding	31	Sedge, Pointed broom	36	Speedwell, Alpine	33
Saxifrage, Purple	31	Sedge, Pyrenean	35	Speedwell, Cusick's	33
Saxifrage, Red-stem	31	Sedge, Reynold's	35	Speedwell, Germander	33
Saxifrage, Rusty	31	Sedge, Rock	35	Speedwell, Marsh-	33
Saxifrage, Spotted	31	Sedge, Rope-root	34	Speedwell, Purslane	33
		Sedge, Ross'	35	Speedwell, Thyme-leaved	33
		Sedge, Russet	35	Spike-fescue	41
		Sedge, Sartwell's	35	Spike-oat	41
		Sedge, Sawbeak	36	Spike-primrose, Smooth	23

Spike-rush, Common	36	Sweetpea, Cream-flowered		Violet, Kidney-leaved	34
Spike-rush, Needle	36		20	Violet, Marsh-	34
Spike-rush, Slender	36	Sweetpea, Pinewoods	20	Violet, Northern bog	33
Spiraea, Shiny-leaved	29	Sweetvetch, American	19	Violet, Nuttall's	33
Spiraea, Subalpine	29	Sweetvetch, Northern	20	Violet, Stream	33
Spleenwort, Green	5	Sweetvetch, Yellow	20	Violet, Yellow prairie	33
Springbeauty, Alpine	25	Swertia	21	Virgin's-bower, Columbia	26
Springbeauty, Western	25	Syringa	21	Virgin's-bower, Western	26
Spruce, Engelmann's	6				
Spruce, White	6	Tansy, Common	12		
SPURGE Family	19	Tansymustard, Mountain	14	Wake-robin	38
Spurge, Leafy	19	Tansymustard, Western	14	Wallflower, Small	15
Starwort, American	17	Tarragon	9	Wapato	34
Starwort, Blunt-sepaled		Tarweed, Mountain	12	Wartberry	37
	17	Tea, Trapper's	18	Water-hemlock, Bulbiferous	
Starwort, Long-leaved	17	Thimbleberry	29		7
Starwort, Longstalk	17	Thistle, Bull	10	Water-hemlock, Western	7
Starwort, Northern	17	Thistle, Canada	10	Water-horehound, Cut-leaved	
Starwort, Thick-leaved	17	Thistle, Russian	17		22
Starwort, Umbellate	17	Thistle, Tweedy's	10	Waterleaf, Ballhead	21
Starwort, Wavy	17	Thistle, Wavy-leaved	10	WATERLEAF Family	21
Stickseed, Blue	13	Thistle, White	10	WATER-LILY Family	23
Stickseed, Bristly	13	Thoroughwax, American	7	Water-milfoil	21
Stickseed, Diffuse	13	Thoroughwort, Large-flowered		WATER-MILFOIL Family	
Stickseed, Many-flowered			10		21
	13	Tickle-grass	39	Water-parsnip	7
Stickseed, Western	13	Timothy, Alpine	41	Water-plantain, American	34
ST. JOHN'S-WORT Family		Timothy, Common	41	WATER-PLANTAIN Family	
	22	Toadflax, Bastard	30		34
St. John's-wort, Western		Towermustard	14	WATER-STARWORT Family	
	22	Townsendia, Cushion-			16
STONECROP Family	18	Townsendia, Parry's	13	Water-starwort, Northern	16
Stonecrop, Lance-leaved		Trisetum, Beardless		Water-starwort, Spring	16
	18	Trisetum, Downy	42	Waterweed, Canada	36
Stonecrop, Wormleaved		Trisetum, Nodding	42	Wheat	42
	18	Trisetum, Tall	42	Wheatgrass, Bearded	39
Strawberry, Blueleaved		Tumblemustard	15	Wheatgrass, Bluebunch	39
	27	Twayblade, Broad-lipped	39	Wheatgrass, Broadglumed	39
Strawberry, Broadpetaled		Twayblade, Heart-leaf	39	Wheatgrass, Crested	39
	27	Twayblade, Northern	39	Wheatgrass, Slender	39
Strawberry, Woods	27	Twayblade, Western	39	Wheatgrass, Thick-spiked	39
Suksdorfia, Subalpine	31	Twinflower	16	Wheatgrass, Western	39
Suksdorfia, Violet	31	Twinpod	15	Whitlow-wort, Austrian	15
SUMAC Family	6	Twinpod, Mountain	15	Whitlow-wort, Few-seeded	
Sundew, Common	18	Twisted-stalk	38		15
SUNDEW Family	18			Whitlow-wort, Golden	14
Sundew, Great	18	VALERIAN Family	33	Whitlow-wort, Lance-fruited	
Sunflower, Common	11	Valerian, Northern	33		15
SUNFLOWER Family	8	Valerian, Sitka	33	Whitlow-wort, Lance-leaved	
Sunflower, Nuttall's	11	Valerian, Western	33		15
Sunflower, Prairie	11	Vanillagrass	41	Whitlow-wort, Limestone	15
Sunflower, Showy	11	Vervain, Bracted	33	Whitlow-wort, Nuttall's	15
Sweep's brush	37	VERVAIN Family	33	Whitlow-wort, Payson's	15
Sweet-cicely, Mountain	7	Vetch, American	20	Whitlow-wort, Slender	15
Sweet-cicely, Poor	7	Violet, Canada	33	Whitlow-wort, Tall	15
Sweet cicely, Western	7	Violet, Darkwoods	34	Whitlow-wort, Thick-leaved	
Sweet-clover, White	20	Violet, Early Blue	33		15
Sweet-clover, Yellow	20	VIOLET Family	33	Whitlow-wort, Woods	15

Whitlow-wort, Yellowstone	15	Woodrush, Smooth	37
Wildrye, Blue	40	Woodrush, Spiked	37
Wildrye, Boreal	40	Woodsia	5
Wildrye, Canada	40	Woodsia, Rocky Mountain	5
Wildrye, Creeping	40	Woundwort	22
Wildrye, Great Basin	40	Yampah	7
Wildrye, Macoun's	40	Yarrow	8
Willow, Arctic	29	Yellowbell	38
Willow, Barclay's	29	Yellowcress, Marsh-	15
Willow, Barratt's	29	Yellowcress, Western	15
Willow, Bebb's	29	YEW Family	6
Willow, Blueberry	30	Yew, Pacific	6
Willow, Cascade	30		
Willow, Drummond's	30		
Willow, Dusky	30		
Willow, Fall	30		
WILLOW Family	29		
Willow, Farr's	30		
Willow, Geyer's	30		
Willow, Glaucous	30		
Willow, Hoary	29		
Willow, Mackenzie's	30		
Willow, Mountain	30		
Willow, Peach-leaf	29		
Willow, Rock	30		
Willow, Scouler's	30		
Willow, Short-fruited	29		
Willow, Sitka	30		
Willow, Slender	30		
Willow, Snow	30		
Willow, Undergreen	30		
Willow, Whiplash	30		
Willow-herb, Alpine	23		
Willow-herb, Common	23		
Willow-herb, Smooth	23		
Willow-herb, Tall	23		
Willow-herb, Watson's	23		
Wintercress, American	14		
Wintergreen, Green	19		
Wintergreen, Pink	19		
Wintergreen, Sidebells-	19		
Wintergreen, Slender	18		
Wintergreen, Snowline	19		
Wintergreen, Variegated	19		
Wintergreen, Western	18		
Wiregrass	36		
Witchgrass, Common	41		
Wolfberry	16		
Wolf-willow	18		
Woodnymph	19		
Woodreed	40		
Woodrush, Curved	37		
Woodrush, Piper's	37		
Woodrush, Small-flowered			

— NOTES —

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