

Checklist with Recent Synonymy of the Vascular Plants of Wyoming
B. E. Nelson and R. L. Hartman, Revised Feb 1997

Key to the Abbreviations of References for Synonyms:

Beetle	= Beetle, A. 1971 & 1977. Grasses of Wyoming
Barneby	= Barneby, R. 1964. Atlas of North American <u>Astragalus</u> .
C	= Cronquist, A. 1972+. Intermountain Flora.
D	= Dorn, R. 1977. Manual of the Plants of Wyoming.
D1	= Dorn, R. 1988. Vascular Plants of Wyoming.
D2	= Dorn, R. 1992. Vascular Plants of Wyoming. Ed. 2.
DMT	= Dorn, R. 1984. Vascular Plants of Mountain.
Dewey	= Dewey, D. 1983. Brittonia 35: 30-33. 1984. In: J. P. Gustafson, Gene Manipulation in Plant Improvement, Plenum Publ. Corp., NY, pp. 209-279.
FE	= Tutin, T. et al. 1964-1976. Flora Europaea.
FNA	= FNA Association. 1993+. Flora of North America.
GPF	= GPF Association. 1986. Flora of the Great Plains.
H	= Both H1 and H2
H1	= Hitchcock, C. et al. 1955-1969. Vascular Plants of the Pacific Northwest.
H2	= Hitchcock, C. & A. Cronquist. 1973. Flora of the Pacific Northwest.
HDH	= Harrington, H. 1954. Manual of the Plants of Colorado.
Hermann	= Hermann, F. 1970. Manual of the Carices of the Rocky Mountains and Colorado Basin.
K	= Kartesz, J. & R. Kartesz. 1979. A Synonymized Checklist of the Vascular Flora of the United States, Canada, and Greenland.
Löve	= Löve, A. 1984. Feddes Report. 95: 425-521.
PLANTS	= PLANTS database, U.S.D.A., Natural Resources Conservation Service.
P	= Porter, C. 1962-1972. A Flora of Wyoming.
RCR	= Rollins, R. C. 1993. Cruciferae of Continental North America: Systematics of the Mustard Family from the Arctic to Panama.
SCS	= (Soil Conservation Service) National List of Scientific Plant Names.
W & J	= Weber, W. & B. Johnston. 1979. Natural History Inventory of Colorado.
WU	= Welsh, S. et al. 1987 & 1993. A Utah Flora, Eds. 1 & 2.

PTERIDOPHYTES

EQUISETACEAE (EQU)

EQUISETUM

arvense L.

[E. a. f. serotinum (C. F. Schultz) Klinge] HDH, W & J

× ferrissii Clute

fluviatile L.

hyemale L.

var. affine (Engelm.) A. A. Eat.

[E. h. ssp. affine (Engelm.) Calder & R. L. Taylor] FNA

[E. h. var. californicum Milde] HDH, W & J

[E. h. var. elatum (Engelm.) Mort.] P

[E. h. var. pseudohyemale (Farw.) Mort.] P

[E. prealtum Raf.] HDH

laevigatum A. Br.

[E. kansasanum J. H. Schaffn.] HDH

× nelsonii (A. A. Eat.) J. H. Schaffn.

scirpoides Michx.

sylvaticum L.

× trachyodon A. Br.

[E. × mackaii (Newm.) Brichan] PLANTS, FNA

[E. × t. (A. Br.) W. D. J. Koch] PLANTS, pro syn.

variegatum Schleich. ex Weber & Mohr

var. variegatum

[E. v. var. nelsonii A. A. Eat.] HDH, P, W & J

ISOËTACEAE (ISO)

ISOËTES

bolanderi Engelm.

var. bolanderi

[I. bolanderi Engelm.] FNA

occidentalis L. Henderson

[I. lacustris L.]

*[I. l. var. paupercula Engelm.] H1, SCS

LYCOPODIACEAE (LYC)

DIPHASIASTRUM

complanatum (L.) Holub

[*Lycopodium* c. L.] PLANTS

HUPERZIA

selago (L.) Bernh. ex Mart. & Schrank

var. *selago*

[*H. haleakalae* (Brackenridge) Holub] FNA, the above not a synonym, misapplied to
WY

[*H. s.* (L.) Bernh. ex Schrank & Mart.] W & J

[*Lycopodium* s. L.] PLANTS, pro syn.

*[*L. s.* var. *s.*] K

LYCOPODIUM

annotinum L.

var. *annotinum*

[*L. a.* L.] FNA

[*L. a.* var. *alpestre* Hartm.]

dendroideum Michx.

[*L. obscurum* L.] H

MARSILEACEAE (MSL)

MARSILEA

oligospora Goodr.

[*M. vestita* Hook. & Grev.] C, D, H, HDH, K, SCS

[*M. v.* var. *o.* (Goodding) Dorn] D2

vestita Hook. & Grev.

var. *vestita*

[*M. vestita* Hook. & Grev.] FNA, PLANTS

[*M. mucronata* A. Br.] P, W & J

OPHIOGLOSSACEAE (OPH)

BOTRYCHIUM

ascendens W. H. Wagner

campestre W. H. Wagner & Farrar

[*B. lunaria* (L.) Sw.] D

[*B. l.* var. *minganense* (Victorin) Dole] K

[*B. m.* Victorin] GPF, SCS

lanceolatum (S. G. Gmel.) Ångstr.

var. *lanceolatum*

[*B. l.* ssp. *l.*] FNA, SCS, W & J

- lunaria* (L.) Sw.
 var. *lunaria*
 [B. l.] D, DMT, FNA, GPF, PLANTS, SCS, UT, W
 var. *onondagense* (Underw.) House
 [B. l.] FNA, PLANTS
 [B. l. ssp. *occidentalis* Löve et al.] W & J
 *[B. l. var. *minganense* (Victorin) Dole] HDH, K, P
 [B. m. Victorin] DMT, GPF, SCS, W
multifidum (S. G. Gmel.) Trevisan
 [B. m. (S. G. Gmel.) Ruprecht] FNA
 [B. m. ssp. *coulteri* (Underw.) Clausen] HDH, P, W & J
 *[B. m. var. c. (Underw.) Broun] K
simplex E. Hitchc.
 var. *compositum* (Lasch) Milde
 [B. s.] C, D, DMT, H, SCS, UT, W
 [B. s. ssp. s.] W & J
 [B. s. var. s.] HDH
 var. *tenebrosum* (A. A. Eat.) R. Clausen
 [B. s.] C, D, DMT, FNA, GPF, H, SCS, UT, W
 [B. s. var. s.] HDH, PLANTS
virginianum (L.) Sw.
 var. *virginianum*
 [B. v.] FNA, PLANTS, SCS
 [B. v. ssp. *europaeum* (Ångstr.) Clausen] HDH, W & J
 [B. v. var. e. Ångstr.]

OPHIOGLOSSUM

- vulgatum* L.
 var. *pseudopodium* (Blake) Farw.
 [O. *pusillum* Raf.] FNA, PLANTS

POLYPODIACEAE (PLP)

ADIANTUM

- pedatum* L.
 [A. *aleuticum* (Rupr.) Paris] FNA, PLANTS, not a synonym, the above misapplied
 to WY
 *[A. p. var. a. Rupr.] K, SCS

ARGYROCHOSMA

- fendleri* (Kunze) Windham
 [Notholaena f. Kunze] D2

ASPIDOTIS

- densa* (Brack.) Lellinger
 [Cheilanthes *siliquosa* Maxon] P
 [Cryptogramma d. (Brack.) Diels] H

ASPLENIUM

septentrionale (L.) Hoffm.

trichomanes L.

[A. t. ssp. t.] FNA

trichomanes-ramosum L.

[A. viride Huds.]

ATHYRIUM

alpestre Clairv.

var. americanum Butters

[A. alpestre (Hoppe) Clairv. var. americanum Butters] PLANTS, pro syn.

[A. alpestre (Hoppe) Rylands ex Moore var. americanum Butters] HDH, P

[A. americanum (Butters) Maxon] PLANTS

[A. distentifolium Tausch ex Opiz ssp. americanum (Butters) Hult.] SCS

[A. d. var. americanum (Butters) Cronq.] D

[A. d. var. americanum (Butters) Boivin] K

filix-femina (L.) Roth

[A. f. ssp. angustum (Presl) Hult.] W & J

[A. f. ssp. cyclosorum (Rupr.) C. Chr.] SCS

[A. f. ssp. f.] W & J

[A. f. var. californicum Butters] HDH

[A. f. var. cyclosorum (Rupr.) Ledeb.]

[A. f. (L.) Roth ex Mertens ssp. cyclosorum (Rupr.) C. Christens.] PLANTS

[A. f. (L.) Roth ex Mertens var. cyclosorum Rupr.] FNA

CHEILANTHES

feei T. Moore

CRYPTOGRAMMA

acrostichoides R. Br.

[C. crispa (L.) R. Br. ex Hook. ssp. a. (R. Br.) Hult.] W & J

[C. c. var. a. (R. Br.) Clarke] C, H, K, P

stelleri (S. G. Gmel.) Prantl

CYSTOPTERIS

fragilis (L.) Bernh.

var. fragilis

[C. f.] FNA, PLANTS

[C. f. var. mackayi Lawson]

DRYOPTERIS

expansa (Presl) Frazer-Jenkins & Jermy

[D. assimilis S. Walker] D, W & J

[D. austriaca (Jacq.) Woynar ex Schinz & Thell.] H

[D. dilatata (Hoffm.) Gray] HDH

filix-mas (L.) Schott

GYMNOCARPIUM

disjunctum (Rupr.) Ching

[*G. dryopteris* (L.) Newm. var. *disjunctum* (Rupr.) Ching]
dryopteris (L.) Newm.

[*Phegopteris* d. (L.) Fee] HDH

PELLAEA

atropurpurea (L.) Link

breweri D. C. Eat.

glabella Mett. ex Kuhn

[*P. g.* ssp. *g.*] PLANTS

[*P. g.* ssp. *simplex* (Butters) A. Löve & D. Löve] FNA

[*P. g.* var. *s.* Butters]

[*P. suksdorffiana* Butters] SCS

occidentalis (E. Nels.) Rydb.

[*P. g.* ssp. *o.* (E. Nels.) Windham] FNA, PLANTS

[*P. g.* var. *o.* (E. Nels.) Butters] C, GPF, H, HDH, K, P, W & J

[possibly = *P. pumila* Rydb. according to D. F. Brunton, National Museum of Canada]

POLYPODIUM

saximontanum Windham

[*P. hesperium* Maxon] C, GPF, H, HDH, K, SCS, W & J

[*P. vulgare* L. var. *columbianum* Gilbert]

POLYSTICHUM

lonchitis (L.) Roth

× *scopulinum* (D. C. Eat.) Maxon

[*P. s.*] FNA, PLANTS

PTERIDIUM

aquilinum (L.) Kuhn

var. *latiusculum* (Desv.) Underw. ex Heller

[*P. a.* ssp. *lanuginosum* (Bong.) Hult.] W & J

var. *pubescens* Underw.

WOODSIA

oregana D. C. Eat.

var. *oregana*

[*W. o.* ssp. *o.*] FNA, PLANTS

[*W. o.* f. *glandulosa* T. M. C. Taylor] HDH, W & J

scopulina D. C. Eat.

[*W. s.* var. *s.*] FNA

SELAGINELLACEAE (SEL)

SELAGINELLA

densa Rydb.

[*S. d.* var. *d.*]

[*S. d.* var. *scopulorum* (Maxon) R. Tryon] PLANTS

[*S. d.* var. *standleyi* (Maxon) R. Tryon]

[*S. scopulorum* Maxon] FNA, HDH
[*S. standleyi* Maxon] FNA, HDH
mutica D. C. Eat. ex Underw.
 var. *mutica*
rupestris (L.) Spring
selaginoides (L.) Link
 [*S. s. (L.) Palisot de Beauvois ex Martius & Schrank*] FNA
underwoodii Hieron.
watsonii Underw.

GYMNOSPERMS

CUPRESSACEAE (CUP)

JUNIPERUS
communis L.
 var. *depressa* Pursh
 [J. c. var. *saxatilis* Pall.] P
horizontalis Moench
osteosperma (Torr.) Little
 [J. *utahensis* (Engelm.) Lemmon] HDH
scopulorum Sarg.

EPHEDRACEAE (EPH)

EPHEDRA
viridis Cov.
 var. *viridis*
 [E. v.] FNA

PINACEAE (PIN)

ABIES
concolor (Gord. & Glend.) Lindl. ex Hildebr.
 var. *concolor*
 [A. c. (Gord. & Glend.) Hildebrand] FNA
lasiocarpa (Hook.) Nutt.
 var. *lasiocarpa*
 [A. *bifolia* A. Murray bis] FNA, not a synonym, the above misapplied to WY
LARIX
occidentalis Nutt.
PICEA
engelmannii Parry ex Engelm.

[P. e. var. e.] FNA
glauca (Moench) Voss
pungens Engelm.
PINUS
albicaulis Engelm.
contorta Dougl. ex Loud.
 var. *latifolia* Engelm. ex Wats.
 [P. c. ssp. l. (Engelm. ex Wats.) Critchf.] P
 [P. c. var. l. Engelm.] FNA
edulis Engelm.
flexilis James
ponderosa P. & C. Lawson
 [P. p. Dougl. ex P. & C. Lawson]
 [P. p. Dougl. ex Loud.] H
 [P. p. Laws.] C
 [P. p. var. *scopulorum* Engelm.] K, SCS
 [P. p. Dougl. ex Lawson & C. Lawson var. s.] FNA
 [P. p. var. s.] P
PSEUDOTSUGA
menziesii (Mirb.) Franco
 var. *glauca* (Beissn.) Franco
 [P. m. var. g. (Mayr) Franco] FNA
 [P. *taxifolia* (Poir.) Britt, ex Sudw.] HDH

ANGIOSPERMS

ACERACEAE (ACE)

ACER
glabrum Torr.
 var. *glabrum*
 [A. g. ssp. *diffusum* (Greene) E. Murr.] SCS
 *[A. g. ssp. g.] SCS
 [A. g. ssp. *neomexicanum* (Greene) E. Murr.] SCS, W & J
 *[A. g. var. d. (Greene) Smiley] K
 *[A. g. var. n. (Greene) Kearn. & Peeb.] K
 [A. g. var. *tripartitum* (Nutt.) Pax] HDH
 [A. g. f. *triseptum* Sarg.] W & J
grandidentatum Nutt.
 var. *grandidentatum*
 [A. *saccharum* Marsh. ssp. g. (Nutt.) Desmarais] SCS
negundo L.
 var. *interius* (Britt.) Sarg.

[A. n. ssp. i. (Britt.) Löve & Löve] SCS
var. violaceum (Kirchn.) Jacq.
[A. n. var. v. (Kirchn.) Jaeger] FNA

ADOXACEAE (ADX)

ADOXA
moschatellina L.

AGAVACEAE (AGA)

YUCCA
glauca Nutt.
var. glauca

AIZOACEAE

SESUVIUM
verrucosum Raf.

ALISMATACEAE (ALI)

ALISMA
gramineum Lej.
[A. geyeri Torr.] HDH, P, W & J
*[A. gramineum var. angustissimum (DC.) Hendricks] H, K, SCS
*[A. gramineum var. gramineum] H, K, SCS
triviale Pursh
[A. plantago-aquatica L. ssp. brevipes (Greene) Samuels.] P, W & J
[A. p. var. americanum Schult. & Schult.]

SAGITTARIA
cuneata Sheld.
latifolia Willd.
var. latifolia

AMARANTHACEAE (AMA)

AMARANTHUS
albus L.
arenicola I. M. Johnst.
blitoides Wats.

[*A. graecizans* L.] GPF, H, HDH, P, W & J
californicus (Moq.) Wats.
powellii Wats.
retroflexus L.

[*A. r.* var. *r.*] SCS

FROELICHIA

gracilis (Hook.) Moq.

ANACARDIACEAE (ANA)

RHUS

glabra L.
trilobata Nutt.
var. *trilobata*

[*R. aromatica* Ait. var. *t.* (Nutt.) Gray] GPF

TOXICODENDRON

rydbergii (Small ex Rydb.) Greene
[*Rhus radicans* L.] HDH
[*R. radicans* L. var. *rydbergii* (Small ex Rydb.) Rehd.] H

APIACEAE (API)

ALETES

humilis Coulter. & Rose
Collection: L. N. Goodding 8850
"Colo.-Wyo. Line" but possibly from CO.

ANGELICA

ampla A. Nels.
arguta Nutt.
grayi (Coulter. & Rose) Coulter. & Rose
pinnata Wats.
roseana L. Henderson

BERULA

erecta (Huds.) Cov.
var. *incisa* (Torr.) Cronq.
[B. e.] PLANTS

BUPLEURUM

americanum Coulter. & Rose

CARUM

carvi L.

CICUTA

bulbifera L.
maculata L.

var. *angustifolia* Hook.

[*C. douglasii* (DC.) Coulter. & Rose, misapplied]

CONIOSELINUM

scopulorum (Gray) Coulter. & Rose

CONIUM

maculatum L.

CYMOPTERUS

acaulis (Pursh) Raf.

var. *acaulis*

alpinus Gray

[*Oreoxis a.* (Gray) Coulter. & Rose]

[*O. alpina* ssp. *alpina*] PLANTS

bulbosus A. Nels.

evertii R. L. Hartman. & Kirkpatrick.

lapidosus (Jones) Jones

lemonii (Coulter. & Rose) Dorn

[*Pseudocymopterus montanus* (Gray) Coulter. & Rose] HDH, K, PLANTS, SCS, W &

J

longilobus (Rydb.) W. A. Weber

[*C. hendersonii* (Coulter. & Rose) Cronquist.]

[*Pteryxia h.* (Coulter. & Rose) Mathews. & Const.] K, PLANTS, SCS missapplied to WY

longipes Wats.

montanus T. & G.

[*C. m.* Nutt. ex T. & G.] PLANTS, SCS

nivalis Wats.

[*C. bipinnatus* Wats.] D, H, K, SCS

terebinthinus (Hook.) T. & G.

var. *albiflorus* (T. & G.) Jones

[*C. t.* var. *calcareus* (Jones) Cronquist.] H

[*Pteryxia t.* (Hook.) Coulter. & Rose var. *a.* (Torr. & Gray) Math.] PLANTS

[*P. t.* var. *c.* (Jones) Math.] K, SCS

williamsii R. L. Hartman. & Const.

DAUCUS

carota L.

HARBOURIA

trachyplectron (Gray) Coulter. & Rose

HERACLEUM

sphondylium L.

var. *lanatum* (Michaux.) Dorn

[*H. l.* Michaux.] H, HDH, K, SCS

[*H. maximum* Bartram.] PLANTS

[*H. s.* ssp. *montanum* (Schleicher. ex Gaudin) Briquet.] GPF, W & J

LIGUSTICUM

canbyi Coulter. & Rose

- filicinum* Wats.
 [L. f. var. f.] HDH, W & J
porteri Coulter. & Rose
 var. *porteri*
tenuifolium Wats.
 [L. *filicinum* Wats.] D
 [L. f. var. t. (Wats.) Math. & Const.] HDH, W & J
- LOMATIUM**
- ambiguum* (Nutt.) Coulter. & Rose
attenuatum Evert
bicolor (Wats.) Coulter. & Rose
 var. *bicolor*
 [L. *leptocarpum* (T. & G.) Coulter & Rose] D, HDH
 var. *leptocarpum* (T. & G.) Schlessm.
 [L. b.] K, SCS
 [L. l. (T. & G.) Coulter. & Rose]
cous (Wats.) Coulter. & Rose
 [L. *montanum* Coulter. & Rose]
dissectum (Nutt.) Math. & Const.
 var. *multifidum* (Nutt.) Math. & Const.
 *[L. d. var. *eatonii* (Coulter. & Rose) Cronquist.] H
- foeniculaceum* (Nutt.) Coulter. & Rose
 var. *foeniculaceum*
 [L. f. ssp. f.] K, PLANTS, SCS
 [L. f. ssp. *macdougalii* (Coulter. & Rose) Theobald] K, SCS
 [L. f. var. m. (Coulter. & Rose) Cronquist.]
graveolens (Wats.) Dorn & R. L. Hartman.
 var. *graveolens*
 [L. *nuttallii* (Gray) Mack., misapplied]
- grayi* (Coulter. & Rose) Coulter. & Rose
 var. *grayi*
juniperinum (Jones) Coulter. & Rose
macrocarpum (Nutt. ex T. & G.) Coulter. & Rose
 [L. m. (H. & A.) Coulter. & Rose]
nuttallii (Gray) Macbr.
 [L. *megarrhizum* (A. Nels.) Math.]
 [Neoparrya m. (A. Nels.) W. A. Weber] W & J
- orientale* Coulter. & Rose
triternatum (Pursh) Coulter. & Rose
 ssp. *platycarpum* (Torr.) Cronquist.
 [L. *simplex* (Nutt. ex Wats.) Macbr.] HDH, K, SCS, W & J
 [L. s. (Nutt.) J. F. Macbr. var. s] PLANTS
- MUSINEON**
- divaricatum* (Pursh) Nutt. ex T. & G.

- [M. d. (Pursh) Raf.] PLANTS
 [M. d. var. d.] HDH, K, SCS, W & J
 [M. d. var. hookeri T. & G.] HDH, K, SCS, W & J
tenuifolium Nutt. ex T. & G.
 [M. t. (Nutt. ex. Torr. & Gray) Coulter. & Rose] PLANTS
vaginatum Rydb.
OROGENIA
linearifolia Wats.
OSMORHIZA
chilensis H. & A.
 [O. bertero DC.] PLANTS
depauperata Phil.
 [O. obtusa (Coulter. & Rose) Fern.] HDH
longistylis (Torr.) DC.
 [O. l. var. l.] GPF
occidentalis (Nutt. ex T. & G.) Torr.
OXYPOLIS
fendleri (Gray) Heller
PASTINACA
sativa L.
 ssp. *sativa*
 [P. s. var. s.] K, PLANTS
 [P. s. var. *pratensis* Pers.] K
PERIDERIDIA
bolanderi (Gray) Nels. & Macbr.
 ssp. *bolanderi*
montana (Blank.) Dorn
 [P. gairdneri (H. & A.) Math. ssp. *borealis* Chuang & Const.] K, PLANTS, SCS
SANICULA
graveolens Poepp. ex DC.
marilandica L.
SHOSHONEA
pulvinata Evert & Const.
SIUM
suave Walt.
ZIZIA
aptera (Gray) Fern.
 [Z. a. var. *occidentalis* Fern.] H

APOCYNACEAE (APO)

- APOCYNUM**
androsaemifolium L.

[A. a. ssp. a.] K
[A. a. var. a.]
[A. a. var. glabrum Macoun] HDH, W & J
cannabinum L.
[A. c. var. c.] C, D2, K, W & J
[A. c. var. glaberrimum A. DC.] C, H, HDH, K, W & J
[A. c. var. hypericifolium Gray] D2, K
[A. c. var. pubescens (R. Br.) A. DC.] HDH, W & J
[A. c. var. suksdorfii (Greene) Beg. & Bel.] W & J
[A. sibiricum Jacq.] C, D, GPF, SCS, W & J
[A. s. var. cordigerum (Greene) Fern.]
[A. s. var. salignum (Greene) Fern.] C, H, HDH, W & J
[A. s. var. sibiricum] HDH, W & J
[A. suksdorfii Greene] HDH
× *floribundum* Greene
[A. androsaemifolium var. a. × *cannabinum*]
[A. × m. Greene] D, H, K, SCS
[A. m. var. *floribundum* (Greene) Woodson] HDH, SCS, W & J
[A. m. var. *lividum* (Greene) Woodson] HDH, SCS, W & J

ARACEAE (ARA)

LYSICHITON
americanus Hult. & St. John

ARALIACEAE (ARL)

ARALIA
nudicaulis L.

ASCLEPIADACEAE (ASC)

ASCLEPIAS
arenaria Torr.
cryptoceras Wats.
var. cryptoceras
[A. c.] H
[A. c. ssp. c.] K, PLANTS
[A. c. ssp. davisii (Woodson) Woodson] K
[A. c. var. d. (Woodson) W. Baker]
hallii Gray

incarnata L.

var. *incarnata*

[A. i. ssp. i.] PLANTS

ovalifolia Dcne.

pumila (Gray) Vail

speciosa Torr.

stenophylla Gray

subverticillata (Gray) Vail

uncialis Greene

verticillata L.

viridiflora Raf.

ASTERACEAE (AST)

ACHILLEA

millefolium L.

var. *lanulosa* (Nutt.) Piper

[A. l. Nutt. ssp. l.] HDH, W & J

[A. l. ssp. *alpicola* (Rydb.) Keck] HDH, W & J

[A. m. ssp. l. (Nutt.) Piper] GPF

[A. m. var. a. (Rydb.) Garrett]

[A. m. var. *occidentalis* DC.] PLANTS

ADENOCaulon

bicolor Hook.

AGOSERIS

aurantiaca (Hook.) Greene

[A. a. var. a.]

[A. a. var. *purpurea* (Gray) Cronq.]

[A. *rostrata* Rydb.] HDH

glauca (Pursh) Raf.

var. *glauca*

var. *dasycephala* (T. & G.) Jeps.

var. *laciniata* (D. C. Eat.) Smiley

[A. g. var. *agrestis* (Osterh.) Q. Jones ex. Cronq.]

[A. g. var. *parviflora* (Nutt.) Rydb.] HDH

lackschewitzii D. Henderson & Moseley

AMBROSIA

acanthicarpa Hook.

[*Franseria* a. (Hook.) Cov.] H1, HDH

artemisiifolia L.

[A. a. var. *elatior* (L.) Desc.]

[A. e. L.] HDH, W & J

psilostachya DC.

- [A. coronopifolia T. & G.] HDH, K
 [A. p. var. c. (T. & G.) Farw.]
tomentosa Nutt.
 [Franseria discolor Nutt.] HDH
 [F. t. (Nutt.) Gray] HDH
trifida L.
 var. *trifida*
 [A. t. var. *integrifolia* (Muhl.) T. & G.] HDH
- ANAPHALIS**
- margaritacea* (L.) Benth. & Hook.
 [A. m. var. m.] SCS
- ANTENNARIA**
- anaphaloides* Rydb.
 [A. pulcherrima (Greene) Hook. ssp. a. (Rydb.) W. A. Weber] W & J
arcuata Cronq.
aromatica Evert
corymbosa E. Nels.
dimorpha (Nutt.) T. & G.
flagellaris (Gray) Gray
 [A. *dioica* (L.) Gaertn.] K
howellii Greene
 ssp. *howellii*
 [A. *neglecta* Greene] D, HDH, W & J, WU
 [A. n. var. h. (Greene) Cronq.] GPF, H, K, SCS
 [A. *neodioica* Greene ssp. h. (Fern.) Bayer]
 ssp. *petaloidea* (Fern.) R. Bayer
 [A. *neglecta* Greene] D, HDH, W & J, WU
 [A. n. Greene var. n.] K, SCS
 [A. *neodioica* Greene ssp. p. (Fern.) Bayer & Stebb.]
lanata (Hook.) Greene
 [A. *carpathica* (Wahlenb.) Bluff & Fingerh. var. l. Hook.] SCS
luzuloides T. & G.
 [A. *ob lanceolata* Rydb.] HDH
media Greene
 [A. *alpina* (L.) Gaertn. var. m. (Greene) Jeps.] D2, H, K, SCS, W & J
 [A. *reflexa* E. Nels.] HDH
microphylla Rydb.
 [A. *concinna* E. Nels.] HDH
 [A. *formosa* Greene] W & J
 [A. *rosea* Greene] GPF, H1, HDH
monocephala D. C. Eat.
neglecta Greene
 [A. n. var. *attenuata* (Fern.) Cronq.]
parvifolia Nutt.

pulcherrima (Hook.) Greene
[A. p. var. p.] SCS
racemosa Hook.
rosea Greene
[A. microphylla Rydb.] H2, K
[A. r. ssp. arida (E. Nels.) R. Bayer] PLANTS
[A. r. ssp. confinis (Greene) R. Bayer] PLANTS
[A. r. ssp. pulvinata (Greene) R. Bayer] PLANTS
[A. r. ssp. r.] PLANTS
umbrinella Rydb.

ANTHEMIS

arvensis L.
[A. a. var. agrestis (Wallr.) DC.]
cotula L.
tinctoria L.
ARCTIUM
lappa L.
minus Bernh.
[A. m. (Hill) Bernh.]

ARNICA

amplexicaulis Nutt.
var. amplexicaulis
[A. a.] PLANTS
chamissonis Less.
var. foliosa (Nutt.) Maguire
[A. c. ssp. f. (Nutt.) Maguire var. andina (Nutt.) Ediger & Barkl.] PLANTS
[A. c. ssp. f. var. f. (Nutt.) Maguire]
[A. c. var. andina (Nutt.) Ediger & T. Barkl.] SCS
cordifolia Hook.
[A. c. var. c.] H, HDH, K, SCS
[A. c. var. pumila (Rydb.) Maguire] H, K, SCS
[A. paniculata A. Nels.] K, SCS
[A. × paniculata A. Nels.] D, W & J
fulgens Pursh
gracilis Rydb.
[A. latifolia Bong. var. g. (Rydb.) Cronq.] D2, H, K, SCS
latifolia Bong.
[A. l. var. l.] H, K, SCS
lonchophylla Greene
var. arnoglossa (Greene) Boivin
[A. l. ssp. a. (Greene) Maguire] PLANTS
longifolia D. C. Eat.
mollis Hook.
[A. ovata Greene]

parryi Gray
var. parryi
[A. p. ssp. p.] PLANTS

rydbergii Greene
sororia Greene

ARTEMISIA

abrotanum L.
absinthium L.
?[A. a. var. a.] K
?[A. a. var. insipida Stechmann] K

annua L.
arbuscula Nutt.
var. arbuscula
[A. a. ssp. a.] PLANTS
[A. tridentata Nutt. ssp. a. (Nutt.) Hall & Clem.] HDH

var. longiloba (Osterh.) Dorn
[A. a. ssp. l. (Osterh.) L. Shultz] PLANTS
[A. l. (Osterh.) Beetle]

ssp. thermopola Beetle
[A. a. var. a.] SCS

biennis Willd.
var. biennis
var. diffusa Dorn

campestris L.
var. borealis (Pall.) Peck
[A. c. ssp. borealis (Pall.) Hall & Clem. var. b. (Pall.) M. E. Peck] PLANTS

var. caudata (Michx.) Palmer & Steyermark
[A. campestris ssp. caudata (Michx.) Hall & Clem.] PLANTS
[A. caudata Michx.] HDH
[A. caudata var. caudata] SCS

var. scouleriana (Bess.) Cronquist
[A. campestris ssp. b. var. s. (Hook.) Cronquist] PLANTS

cana Pursh
var. cana
[A. c. ssp. c.] PLANTS

var. viscidula Osterh.
[A. c. ssp. c. var. v. Osterh.] SCS
[A. c. ssp. viscidula (Osterh.) Beetle] PLANTS

dracunculus L.
[A. d. ssp. glauca (Pall.) Hall & Clem.] HDH, K, W & J

filifolia Torr.
frigida Willd.
longifolia Nutt.
ludoviciana Nutt.

- var. ludoviciana
 [A. l. ssp. l.] HDH, K, PLANTS, W & J
 [A. l. ssp. l. var. l.] SCS, D2
 var. incompta (Nutt.) Cronq.
 [A. l. ssp. i. (Nutt.) Keck] HDH, K, PLANTS, W & J
 [A. l. ssp. l. var. i. (Nutt) Cronq.] SCS
 var. latiloba Nutt.
 [A. l. ssp. candidans (Rydb.) Keck] K, PLANTS
 [A. l. ssp. l. var. l. Nutt.] SCS
 michauxiana Bess.
 norvegica Fries
 var. saxatilis (Bess.) Jeps.
 [A. arctica Less. ssp. a.] K, PLANTS
 [A. a. ssp. saxicola (Rydb.) Hult.] SCS, W & J
 [A. n. ssp. saxatilis (Bess. ex Hook.) Hall & Clem.] HDH
 nova A. Nels.
 [A. arbuscula Nutt. var. n. (A. Nels.) Cronq.] H, SCS
 [A. tridentata Nutt. ssp. n. (A. Nels.) Hall & Clem.] HDH
 pattersonii Gray
 Reported: D. Wiens & J. A. Richter, 1966 Amer. J. Bot. 53: 981.
 pedatifida Nutt.
 porteri Cronq.
 scopulorum Gray
 × spiciformis Osterh.
 [A. tridentata Nutt. ssp. s. (Osterh.) Kartesz & Gandhi] PLANTS
 [A. t. ssp. s. Goodrich & McArthur]
 [A. t. f. s. (Osterh.) Beetle]
 spinescens D. C. Eat.
 tridentata Nutt.
 var. tridentata
 [A. t. ssp. t.] PLANTS
 var. vaseyana (Rydb.) Boivin
 [A. t. ssp. t.] HDH
 [A. t. ssp. v. (Rydb.) Beetle] PLANTS
 [A. v. Rydb.] SCS
 var. wyomingensis (Beetle & Young) Welsh
 [A. t. Nutt. ssp. t.] HDH, SCS
 [A. t. ssp. w. Beetle & Young] PLANTS
 tripartita Rydb.
 var. tripartita
 [A. t. ssp. t.] PLANTS
 var. rupicola (Beetle) Dorn
 [A. t.] SCS
 [A. t. ssp. r. Beetle] PLANTS

ASTER

- alpigenus (T. & G.) Gray
var. haydenii (Porter) Cronq.
[A. a. ssp. h. (Porter) Cronq.] K
[Oreostemma alpigenum (Torr. & Gray) Nesom var. h. (Porter) Nesom] PLANTS
ascendens Lindl.
[A. adscendens Lindl.] D, HDH
[A. chilensis Nees ssp. adscendens (Lindl.) Cronq.] GPF, H, SCS, W & J
brachyactis Blake
[Brachyactis angusta (Lindl.) Britt.] W & J
[B. ciliata (Ledeb.) Ledeb. ssp. a. (Lindl.) A. G. Jones] PLANTS
bracteolatus Nutt.
[A. eatonii (Gray) Howell]
[A. oregonus (Nutt.) T. & G.] HDH, W & J
campestris Nutt.
var. campestris
ciliolatus Lindl.
conspicuus Lindl.
[A. c. Lindl. ex DC.] SCS
cusickii Gray
[A. foliaceus Lindl. var. c. (Gray) Cronq.] H
engelmannii (D. C. Eat.) Gray
[Eucephalus e. (D. C. Eat.) Greene] PLANTS
ericoides L.
var. pansus (Blake) Boivin
[A. e. ssp. p. (Blake) A. G. Jones]
[A. e. ssp. p. var. p. (Blake) Boivin]
[A. p. (Blake) Cronq.] D, GPF, H, SCS
var. stricticaulis (T. & G.) F. C. Gates
[A. commutatus (T. & G.) Gray var. c.] SCS?
[A. p. (Blake) Cronq.] D, GPF, H
falcatus Lindl.
var. falcatus
[A. f. ssp. f.]
var. commutatus (T. & G.) A. G. Jones
[A. c. (T. & G.) Gray] GPF
[A. c. var. c] HDH
[A. c. var. polycephalus (Rydb.) Blake] HDH, SCS
[A. f. ssp. c. (T. & G.) A. G. Jones var. c. (T. & G.) A. G. Jones]
var. crassulus (Rydb.) Cronq.
[A. commutatus (T. & G.) Gray] GPF
foliaceus Lindl. ex DC.
var. apricus Gray
var. canbyi Gray

- var. *parryi* (D. C. Eat.) Gray
 [A. f. var. *frondeus* Gray] HDH, W & J
frondosus (Nutt.) T. & G.
 [*Brachyactis* f. (Nutt.) Gray] PLANTS
glaucodes Blake
 var. *glaucodes*
 [A. g. ssp. g. var. g.]
integrifolius Nutt.
junciformis Rydb.
 [A. *borealis* (T. & G.) Prov.] K, PLANTS
laevis L.
 [A. l. var. *geyeri* Gray]
lanceolatus Willd.
 ssp. *hesperius* (Gray) Semple & Chmielewski
 [A. h. Gray]
 [A. h. var. h.] H, K, W & J
 [A. h. var. *laetevirens* (Greene) Cronq.] H, K, W & J
mollis Rydb.
novae-angliae L.
oblongifolius Nutt.
 [A. *kumleinii* Fries] HDH, W & J
 [A. o. var. o.] SCS
occidentalis (Nutt.) T. & G.
 var. *occidentalis*
pauciflorus Nutt.
 [*Almutaster* p. (Nutt.) A. & D. Löve] PLANTS
perelegans Nels. & Macbr.
porteri Gray
scopulorum Gray
 [*Ionactis alpina* (Nutt.) Greene] PLANTS
sibiricus L.
 var. *meritus* (A. Nels.) Raup
 [A. m. A. Nels.] D, D2, PLANTS
- BAHIA
- dissecta* (Gray) Britt.
- BALSAMORHIZA
- hispidula* Sharp
 [B. *hookeri* (Hook.) Nutt. var. *hispidula* (Sharp) Cronq.] PLANTS
incana Nutt.
macrophylla Nutt.
sagittata (Pursh) Nutt.
× tomentosa Rydb.
 [B. *sagittata* (Pursh) Nutt. × *incana* Nutt.]
- BIDENS

cernua L.

[*B. c. var. c.*] SCS

comosa (Gray) Wieg.

[*B. tripartita* L.] PLANTS

frondosa L.

[*B. f. var. f.*] SCS

vulgata Greene

[*B. frondosa* L. var. *f.*] SCS

[*B. v. var. puberula* (Wieg.) Greene] H1

BRICKELLIA

eupatorioides (L.) Shinners

var. *corymbulosa* (T. & G.) Shinners

[*Kuhnia e. L. var. c. T. & G.*]

grandiflora (Hook.) Nutt.

var. *grandiflora*

[*B. g.*] PLANTS

microphylla (Nutt.) Gray

var. *scabra* Gray

[*B. scabra* (Gray) A. Nels. ex Robins.] HDH, K, SCS, W & J

CARDUUS

acanthoides L.

nutans L.

[*C. n. ssp. alpicola* (Gillot) Chassagne & J. Arenes] FE

[*C. n. ssp. leiophyllus* (Petrovic) Stojanov. & Stef.] K

[*C. n. ssp. macrolepis* (Peterm.) Kazmi] K, W & J

[*C. n. ssp. n.*] FE, K

[*C. n. ssp. platylepis* (Reichenb. & Sauter) Nyman] FE

[*C. thoermeri* Weinm.] FE

CENTAUREA

cyanus L.

diffusa Lam.

iberica Trev. ex Spreng.

maculosa Lam.

[*C. biebersteinii* DC.] PLANTS

[4 ssp.] FE

repens L.

[*Acroptilon r. (L.) DC.*] FE, PLANTS, SCS

[*C. picris* Pall.] HDH

scabiosa L.

solstitialis L.

[4 ssp.] FE

CHAENACTIS

alpina (Gray) Jones

var. *alpina*

- [C. douglasii (Hook.) Hook. & Arn. var. a. Gray] PLANTS
var. leucopsis (Greene) Ckll. ex Stockw.
[C. a. var. rubella (Greene) Stockwell] H2, K
[C. l. Greene] PLANTS
douglasii (Hook.) H. & A.
var. montana Jones
[C. angustifolia Greene] HDH
[C. d. var. achilleaefolia (H. & A.) A. Nels.]
[C. d. var. d.] PLANTS
[C. humilis Rydb.] HDH
stevioides H. & A.
var. steviodes
[C. s.] PLANTS
- CHAETOPAPPA**
ericoides (Torr.) Nesom
[Aster arenosus (Heller) Blake] D, HDH
[Leucelene e. (Torr.) Greene]
- CHAMAECHAENACTIS**
scaposa (Eastw.) Rydb.
[C. s. var. parva Preece & Turner]
- CHRYSANTHEMUM**
balsamita L
[Balsamita major Desf.] FE, K, PLANTS
[Tanacetum b. L.] SCS, W & J
leucanthemum L.
[Leucanthemum vulgare Lam.] FE, K, PLANTS, SCS, W & J
parthenium (L.) Bernh.
[Tanacetum p. (L.) Schultz-Bip.] PLANTS
- CHRYSOTHAMNUS**
greenei (Gray) Greene
[C. g. ssp. filifolius (Rydb.) Hall & Clem.] HDH, W & J
linifolius Greene
[C. viscidiflorus (Hook.) Nutt. ssp. l. (Greene) Hall & Clem.] HDH
nauseosus (Pall. ex Pursh) Britt.
var. nauseosus
[C. n. ssp. n.]
[C. n. ssp. albicaulis (Nutt.) Hall & Clem.]
[C. n. ssp. speciosus (Nutt.) Hall & Clem.] HDH
[C. n. var. a. (Nutt.) Rydb.] H
[Ericameria n. (Pall. ex Pursh) Nesom & Baird ssp. n. var. n.] PLANTS
var. graveolens (Nutt.) Hall
[C. n. ssp. graveolens (Nutt.) Piper]
[C. n. var. glabratus (Gray) Cronq.] H

- [*Ericameria* n. (Pall. ex Pursh) Nesom & Baird ssp. n. var. *glabrata* (Gray) Nesom & Baird] PLANTS
- var. *oreophilus* (A. Nels.) Hall
 [C. n. ssp. *consimilis* (Greene) Hall & Clem.
 [C. n. ssp. *pinifolius* (Greene) Hall & Clem.] HDH
 [C. n. var. *artus* (A. Nels.) Cronq.] H
 [*Ericameria* n. (Pall. ex Pursh) Nesom & Baird ssp. c. (Greene) Nesom & Baird var. *oreophila* (A. Nels.) Nesom & Baird] PLANTS
- parryi* (Gray) Greene
 var. *parryi*
 [C. p. ssp. p.]
 [*Ericameria* p. (Gray) Nesom var. p.] PLANTS
- var. *howardii* (Parry ex Gray) T. Kitt.
 [C. p. ssp. h. (Parry ex Gray) Hall & Clem.]
 [*Ericameria* p. (Gray) Nesom var. h. (Parry ex Gray) Nesom & Baird] PLANTS
- vaseyi* (Gray) Greene
- viscidiflorus* (Hook.) Nutt.
 var. *viscidiflorus*
 [C. v.] D, DMT, WWS
 [C. v. ssp. *pumilus* (Nutt.) Hall & Clem.] HDH
 [C. v. ssp. v. var. v.] PLANTS
 [C. v. ssp. *stenophyllus* (Gray) Hall & Clem.] HDH, K, SCS, W & J
 [C. v. var. *latifolius* (D. C. Eat.) Greene] H
 [C. v. var. p. (Nutt.) Jeps.] H
 [C. v. var. s. (Gray) Hall] H, WU
 [C. v. var. s. (Gray) L. Anders.]
- var. *lanceolatus* (Nutt.) Greene
 [C. v. ssp. *elegans* (Greene) Hall & Clem.] HDH
 [C. v. ssp. l. (Nutt.) Hall & Clem.] PLANTS
- CICHORIUM
- intybus* L.
- CIRSIUM
- aridum* Dorn
arvense (L.) Scop.
 var. *horridum* Wimm. & Grab.
 [C. a.] PLANTS
 [C. a. var. *vestitum* Wimm. & Grab.] HDH, K, SCS, W & J
 var. *integrifolium* Wimm. & Grab.
 [C. a.] PLANTS
 [C. a. var. a.] H2, K, SCS, W & J
 [C. a. var. *mite* Wimm. & Grab.] H1, K, SCS, W & J
- canescens* Nutt.
 [C. *plattense* (Rydb.) Fern.] HDH
canovirens (Rydb.) Petr.

centaureae (Rydb.) K. Schum.

[*C. remotifolium* (Hook.) DC. var. *oregonense* Petrak] PLANTS
drummondii T. & G.

[*C. foliosum* (Hook.) DC.] H1

[*C. scariosum* Nutt.] H2

eatonii (Gray) Robins.

[*C. polyphyllum* (Rydb.) Petr.] H1

[*C. tweedyi* (Rydb.) Petr.]

flodmanii (Rydb.) Arthur

foliosum (Hook.) DC.

hookerianum Nutt.

ochrocentrum Gray

ownbeyi Welsh

pulcherrimum (Rydb.) K. Schum.

[*C. subniveum* Rydb.] H

scariosum Nutt.

[*C. foliosum* (Hook.) DC.] H1

subniveum Rydb.

tiogananum (Congd.) Petr.

var. *tiogananum*

[*C. acaulescens* (Gray) Schum.] D

[*C. drummondii* T. & G. var. a. (Gray) Macbr.] HDH

var. *coloradense* (Rydb.) Dorn

[*C. acaulescens* (Gray) Schum.] D

[*C. c.* (Rydb.) Ckll.] K, SCS, W & J

[*C. drummondii* T. & G.] HDH

[*C. foliosum* (Hook.) DC.] H1?

[*C. scariosum* Nutt.] H2?

undulatum (Nutt.) Spreng.

[*C. megacephalum* (Gray) Ckll.] HDH

vulgare (Savi) Tenore

[*C. lanceolatum* (L.) Hill] HDH

CONYZA

canadensis (L.) Cronq.

var. *canadensis*

[*C. c.* var. *glabrata* (Gray) Cronq.]

COREOPSIS

tinctoria Nutt.

var. *tinctoria*

COSMOS

bipinnatus Cav.

Escaped from cultivation, possibly not

persistent (Laramie Co.: T14N R68W S26,28)

CREPIS

acuminata Nutt.
[C. a. ssp. acuminata]
atribarba Heller
[C. a. ssp. atrabarba]
[C. a. ssp. originalis Babc. & Stebb.]
[C. o. ssp. o. (Babc. & Stebb.) Babc. & Stebb.] SCS
elegans Hook.
intermedia Gray
modocensis Greene
 ssp. modocensis
nana Richards.
 ssp. nana
 [C. n. ssp. clivicola Leggett] K, SCS
 [C. n. ssp. ramosa Babc. & Stebb.]
 [C. n. ssp. r. Babc.] SCS
occidentalis Nutt.
 var. occidentalis
 [C. o. ssp. o.] PLANTS
 var. costata Gray
 [C. o. ssp. costata (Gray) Babc. & Stebb.] PLANTS
 var. nevadensis Kellogg
 [C. o. ssp. conjuncta Babc. & Stebb.]
 [C. o. ssp. c. (Jeps.) Babc. & Stebb.] PLANTS, SCS
runcinata (James) T. & G.
 var. runcinata
 [C. r. ssp. r.] PLANTS
 var. glauca (Nutt.) Boivin
 [C. r. ssp. glauca (Nutt.) Babc. & Stebb.] PLANTS
tectorum L.
 [3 ssp.] FE

DUGALDIA
hoopesii (Gray) Rydb.
 [Helenium h. Gray] D, D2, HDH
 [Hymenoxys h. (Gray) Bierner] PLANTS

DYSSODIA
papposa (Vent.) Hitchc.

ECHINACEA
angustifolia DC.
 var. angustifolia
 [E. a. DC.] D, D2, HDH, W & J
 [E. pallida Nutt.]
 [E. p. var. a. (DC.) Cronq.]

ERIGERON
acris L.

var. *debilis* Gray
[E. *a.* ssp. *a.* var. *d.* Gray] PLANTS
var. *kamtschaticus* (DC.) Herder
[E. *a.* ssp. *k.* (DC.) Hara] PLANTS
[E. *a.* var. *asteroides* (Andrz.) Bess.
[E. *a.* var. *asteroides* (Andrz. ex Bess.) DC.]
allocotus Blake
bellidiastrum Nutt.
 var. *bellidiastrum*
caespitosus Nutt.
canus Gray
compositus Pursh
 var. *discoideus* Gray
 [E. *c.*] PLANTS
 [E. *c.* ssp. *anticus* Beaman in ed. for sexually reproducing populations in Albany
 County]
 [E. *c.* var. *glabratus* Macoun] H, HDH, K, SCS, W & J
consimilis Cronq.
 [E. *compactus* Blake var. *consimilis* (Cronq.) Blake] K, SCS
corymbosus Nutt.
coulteri Porter
 Reported: A. C. Cronquist, 1947, *Brittonia* 6:223, 224.
divergens T. & G.
 var. *divergens*
 [E. *d.*] PLANTS
eatonii Gray
 var. *eatonii*
 [C. *e.* ssp. *e.*] K, SCS
elatior (Gray) Greene
engelmannii A. Nels.
 var. *engelmannii*
eximus Greene
 [E. *superbus* Greene ex Rydb.]
flabellifolius Rydb.
flagellaris Gray
formosissimus Greene
 var. *formosissimus*
 var. *viscidus* (Rydb.) Cronq.
glabellus Nutt.
 var. *glabellus*
 var. *pubescens* Hook.
gracilis Rydb.
humilis Grah.
lanatus Hook.

leiomerus Gray
linearis (Hook.) Piper
lonchophyllus Hook.
[E. l. var. l.]
melanocephalus (A. Nels.) A. Nels.
nanus Nutt.
nematophyllus Rydb.
ochroleucus Nutt.
var. ochroleucus
var. scribneri (Canby ex Rydb.) Cronq.
peregrinus (Banks ex Pursh) Greene
ssp. callianthemus (Greene) Cronq.
[E. p. ssp. c. var. callianthemus]
[E. p. ssp. c. var. scaposus (T. & G.) Cronq.]
philadelphicus L.
pinnatisectus (Gray) A. Nels.
pulcherrimus Heller
[E. p. var. wyomingia (Rydb.) Cronq.]
pumilus Nutt.
var. concinnus (H. & A.) Dorn
[E. c. (Hook. & Arn.) Torr. & Gray var. c.] PLANTS
[E. p. ssp. concinnooides Cronq. var. concinnooides Cronq.]
[E. p. ssp. concinnooides Cronq. var. condensatus (D. C. Eat.) Cronq.]
var. gracilior Cronq.
[E. p. ssp. intermedius Cronq. var. euintermedius Cronq.]
[E. p. ssp. intermedius Cronq. var. g. Cronq.] PLANTS
var. pumilus
[E. p. ssp. p] PLANTS
radicatus Hook.
rydbergii Cronq.
simplex Greene
speciosus (Lindl.) DC.
[E. s. var. s.]
[E. s. var. macranthus (Nutt.) Cronq.]
strigosus Muhl. ex Willd.
var. strigosus
[E. annuus (L.) Pers. ssp. s. (Muhl. ex Willd.) Wagenitz] FE
var. septentrionalis (Fern. & Wieg.) Fern.
[E. strigosus ssp. septentrionalis (Fern. & Wieg.) Wagenitz]
subtrinervis Rydb. ex Porter & Britt.
var. subtrinervis
var. conspicuus (Rydb.) Cronq.
tener (Gray) Gray
[E. t. (Gray) Gray] SCS

- tweedyi* Canby
uintahensis Cronq.
ursinus D. C. Eat.
vetensis Rydb.
ERIOPHYLLUM
lanatum (Pursh) Forbes
 var. *integrifolium* (Hook.) Smiley
wallacei (Gray) Gray
 [Antheropeas w. (Gray) Rydb.] D, K, PLANTS, SCS
EUPATORIUM
maculatum L.
 var. *bruneri* (Gray) Breit.
 [Eupatoriadelphus m. (L.) R. King & H. Robins. var. b. (Gray) R. King & H. Robins.] SCS
EUTHAMIA
graminifolia (L.) Nutt. ex Cass.
 var. *major* (Michx.) Moldenke
 [E. g. (L.) Nutt.] SCS
 [E. g. (L.) Nutt. var. g.] PLANTS
 [Solidago g. (L.) Salisb.] D
 [S. g. var. m. (Michx.) Fern.] D2, GPF, H
occidentalis Nutt.
 [Solidago o. (Nutt.) T. & G.] D, D2, H, HDH
GAILLARDIA
aristata Pursh
GALINSOGA
quadriradiata R. & P.
 [G. ciliata (Raf.) Blake] GPF, H, HDH, W & J
GNAPHALIUM
chilense Spreng.
 var. *chilense*
 [Pseudognaphalium stramineum (Kunth) W. A. Weber] PLANTS
microcephalum Nutt.
 var. *thermale* (E. Nels.) Cronq.
 [Pseudognaphalium canescens (DC.) W. A. Weber ssp. t. (E. Nels.) Kartez]
 PLANTS
palustre Nutt.
uliginosum L.
 [Filaginella u. (L.) Opiz] FE, SCS
viscosum H.B.K.
 [G. macounii Greene] HDH
 [Pseudognaphalium v. (Kunth) W. A. Weber] PLANTS
GRINDELIA
squarrosa (Pursh) Dunal

- var. squarrosa
 [G. s. var. serrulata (Rydb.) Steyerl.]
 var. quasiperennis Lunell
 [G. perennis A. Nels.] HDH
 subalpina Greene
 [G. s. var. erecta (A. Nels.) Steyerl.] HDH, K, SCS, W & J
 [G. s. var. s.] HDH, K, SCS, W & J
- GUTIERREZIA**
- sarothrae (Pursh) Britt. & Rusby
 [G. lepidota Greene] HDH
 [G. s. var. s.] HDH, K, W & J
- HAPLOPAPPUS**
- acaulis (Nutt.) Gray
 [H. a. var. a.]
 [H. a. var. glabratus D. C. Eat.]
 [Stenotus a. Nutt.] W & J
 [S. a. var. a.] PLANTS
- annuus (Rydb.) Cory
 [H. phyllocephalus DC.] HDH
 [Machaeranthera a. (Rydb.) Shinners] K, PLANTS, SCS
 [M. p. (DC.) Shinners] W & J
 [Rayjacksonia a. (Rydb.) R. L. Hartm. & Lane]
- armerioides (Nutt.) Gray
 [Stenotus a. Nutt.] W & J
 [S. a. var. a.] PLANTS
- coloradoensis (Gray) R. L. Hartm. ex Dorn
 [Aster c. Gray] HDH
 [Machaeranthera c. (Gray) Osterh. var. c.] PLANTS
- lyallii Gray
 [Tonestus l. (Gray) A. Nels.] PLANTS, W & J
- macronema Gray
 var. linearis (Rydb.) Dorn
 [Ericameria discoidea (Nutt.) Nesom var. linearis (Rydb.) Nesom] PLANTS
 [H. m. var. canescens (A. Nels.) Cronq.] SCS
 [Macronema discoideum Nutt.] W & J
- multicaulis (Nutt.) Gray
 [Oonopsis m. (Nutt.) Greene] PLANTS
- nuttallii T. & G.
 var. nuttallii
 [Machaeranthera grindeliioides (Nutt.) Shinners] D, DMT, GPF, H2, W & J, WWS
 [M. g. var. g.] K, PLANTS, SCS, WU
- pygmaeus (T. & G.) Gray
 [Tonestus p. (T. & G.) A. Nels.] PLANTS, W & J
- spinulosus (Pursh) DC.

var. spinulosus
[H. s.] D. WU
[H. s. ssp. s]
[H. s. var. s.] H
[Machaeranthera pinnatifida (Hook.) Shinners] DMT, WWS
[M. p. ssp. p. var. p.] K, PLANTS
[M. p. var. p.] W & J
[M. s. (Rydb.) Blake] SCS
var. glaberrimus (Rydb.) Blake
[H. s.] D, WU
[H. s. ssp. g. (Rydb.) Hall] GPF, HDH
[Machaeranthera pinnatifida (Hook.) Shinners] DMT, SCS, WWS
[M. p. ssp. p. var. g. (Rydb.) Turner & R. L. Hartm.] K, PLANTS
[M. p. var. g.] W & J
suffruticosus (Nutt.) Gray
[Ericameria s. (Nutt.) Nesom] PLANTS
[Macronema grindelifolium Rydb.]
wardii (Gray) Dorn
[H. fremontii Gray var. w. Gray]
[Oonopsis w. (Gray) Greene] PLANTS

HELENIUM

autumnale L.
var. montanum (Nutt.) Fern.

HELIANTHELLA

quinquenervis (Hook.) Gray
uniflora (Nutt.) T. & G.
var. uniflora

HELIANTHUS

annuus L.
maximilianii Schrad.
nuttallii T. & G.
ssp. nuttallii
petiolaris Nutt.
var. petiolaris
[H. p. ssp. p.] PLANTS

pumilus Nutt.
rigidus (Cass.) Desf.
var. subrhomboideus (Rydb.) Cronq.
[H. laetiflorus Pers.] H1
[H. pauciflorus Nutt. ssp. s. (Rydb.) O. Spring & E. Schilling] PLANTS
[H. r. ssp. s. (Rydb.) Heiser] GPF, K, SCS
tuberosus L.
[H. t. var. subcanescens Gray]

HETEROTHECA

- depressa* (Rydb.) Dorn
 [*Chrysopsis villosa* (Pursh) Nutt. ex DC.] H
 [*H. v.* (Pursh) Shinners] D
 [*H. v.* var. *d.* (Rydb.) Harms] K, PLANTS, SCS
fulcrata (Greene) Shinners
 [*Chrysopsis f.* Greene] HDH
 [*C. villosa* (Pursh) Nutt. ex DC. var. ?] H
horrida (Rydb.) Harms
 [*Chrysopsis h.* Rydb.] GPF
 [*C. villosa* (Pursh) Nutt. ex DC. var. ?] H
 [*H. v.* var. *h.* (Hook.) Semple] PLANTS
villosa (Pursh) Shinners
 var. *villosa*
 [*Chrysopsis foliosa* Nutt.] HDH
 [*C. v.* (Pursh) Nutt. var. *f.* (Nutt.) D. C. Eat.] GPF
 [*C. v.* (Pursh) Nutt. ex DC. var. *v.*] H
 var. *hispida* (Hook.) Harms
 [*C. h.* (Hook.) DC.] HDH
 [*C. v.* (Pursh) Nutt. var. *h.* (Hook.) Gray] GPF
- HIERACIUM**
- albiflorum* Hook.
 - aurantiacum* L.
 - cynoglossoides* Arv.-Touv.
[*H. c.* var. *c.*] SCS
 - fendleri* Schultz-Bip.
var. *fendleri*
 - gracile* Hook.
var. *gracile*
 - scouleri* Hook.
var. *scouleri*
 - umbellatum* L.
var. *umbellatum*
[*H. u.*] PLANTS
 - var. *scabriusculum* Farw.
[*H. canadense* Michx. var. *c.*] PLANTS
- HULSEA**
- algida* Gray
- HYMENOPAPPUS**
- filifolius* Hook.
var. *luteus* (Nutt.) Turner
[*H. l.* Nutt.] HDH
 - var. *nudipes* (Maguire) Turner
 - polycephalus* Osterh.
[*H. filifolius* Hook.] HDH

[H. f. var. p. (Osterh.) Turner] PLANTS

tenuifolius Pursh

HYMENOXYS

acaulis (Pursh) Parker

var. *acaulis*

[*Tetraneurus a.* (Pursh) Greene var. *a.*] PLANTS, SCS

var. *arizonica* (Greene) Parker

[*Tetraneurus acaulis* var. *arizonica* (Greene) Parker] PLANTS, SCS

var. *caespitosa* (A. Nels.) Parker

[*Tetraneurus a.* var. *c.* A. Nels.] PLANTS, SCS

grandiflora (T. & G. ex Gray) Parker

[*Tetraneurus g.* (T. & G. ex Gray) Parker] PLANTS, SCS

richardsonii (Hook.) Ckll.

var. *richardsonii*

var. *floribunda* (Gray) Parker

torreyana (Nutt.) Parker

[*Tetraneurus t.* (Nutt.) Greene] PLANTS, SCS

IVA

axillaris Pursh

var. *axillaris*

[I. a.] PLANTS

var. *robustior* Hook.

[I. a.] PLANTS

xanthifolia Nutt.

LACTUCA

biennis (Moench) Fern.

[L. *spicata* (Lam.) Hitch.] HDH

canadensis L.

var. *canadensis*

ludoviciana (Nutt.) Ridd.

oblongifolia Nutt.

[L. *pulchella* (Pursh) DC.] H, HDH, SCS

[L. *tatarica* (L.) C. A. Mey. ssp. *p.* (Pursh) Breitung] PLANTS

[L. *t.* ssp. *p.* (Pursh) Stebb.] K, W & J

serriola L.

[L. *scariola* L.] HDH

LIATRIS

lancifolia (Greene) T. Kitt.

ligulistylis (A. Nels.) Schum.

punctata Hook.

var. *punctata*

LOGFIA

arvensis (L.) Holub

[*Filago arvensis* L.] H, PLANTS

LYGODESMIA

grandiflora (Nutt.) T. & G.

[L. g. var. g.]

juncea (Pursh) D. Don ex Hook.

[L. j. (Pursh) D. Don]

MACHAERANTHERA

bigelovii (Gray) Greene

var. bigelovii

[Aster b. Gray] HDH

[M. b.] D, K, SCS, W & J

canescens (Pursh) Gray

var. canescens

[Aster canescens Pursh] H1, HDH

[M. c. ssp. c.] K, SCS

[M. c. ssp. c. var. c.] PLANTS

var. glabra Gray

[Aster c. Pursh] HDH

[M. c.] D, DMT W & J, WWS

[M. c. ssp. c.] K, SCS

[M. c. ssp. g. (Gray) B. L. Turner] PLANTS

[M. linearis Greene] GPF, D

var. monticola Dorn

[M. c. ssp. c. var. c.] PLANTS

tanacetifolia (H.B.K.) Nees

[Aster t. H.B.K.] HDH

MADIA

glomerata Hook.

MALACOTHRIX

sonchoides (Nutt.) T. & G.

torreyi Gray

[M. sonchoides (Nutt.) T. & G. var. t. (Gray) E. Williams] HDH, K

MATRICARIA

maritima L.

ssp. maritima

[Tripleurospermum m. (L.) W. D. J Koch ssp. m.] PLANTS

matricarioides (Less.) Porter

[Chamomilla suaveolens (Pursh) Rydb.] FE, W & J

[M. discoidea DC.] PLANTS

MICROSERIS

nutans (Hook.) Schultz-Bip.

[M. n. ssp. n.] K

[M. n. (Geyer ex Hook.) Schultz-Bip.] SCS

NOTOCALAIS

cuspidata (Pursh) Greene

- [Microseris c. (Pursh) Schultz-Bip.] GPF, H
nigrescens (L. Henderson) Heller
 [Microseris n. Henders.] H
troximoides (Gray) Greene
ONOPORDUM
acanthium L.
 [3 ssp.] FE
PALAFOXIA
rosea (Bush) Cory
 var. *macrolepis* (Rydb.) Turner & Morris
 [P. m. (Rydb.) Cory] D, HDH, W & J
 [P. r. var. m. Rydb.] SCS
PARTHENIUM
alpinum (Nutt.) T. & G.
 [Bolophyta a. Nutt.] W & J
PECTIS
angustifolia Torr.
 var. *angustifolia*
PETASITES
sagittatus (Banks ex Pursh) Gray
PETRADORIA
pumila (Nutt.) Greene
 var. *pumila*
 [P. p. ssp. p.] PLANTS
 [Solidago petradoria Blake] HDH
PICRADENIOPSIS
oppositifolia (Nutt.) Rydb. ex Britt.
 [Bahia o. (Nutt.) DC.] H, HDH
PLATYSCHKUHRIA
integrifolia (Gray) Rydb.
 var. *integrifolia*
 [Bahia nudicaulis Gray] HDH
PRENANTHES
racemosa Michx.
 var. *multiflora* (Cronq.) Dorn
 [P. r. ssp. m. Cronq.] PLANTS
PSILOCARPHUS
brevissimus Nutt.
 var. *brevissimus*
PYRROCOCOMA
carthamoides Hook.
 var. *subsquarrosa* (Greene) G. Brown & Keil
 [Haplopappus c. (Hook.) Gray] D, H, K
 [H. c. var. c.] SCS

clementis Rydb.

[*Haplopappus c.* (Rydb.) Blake] D, D2, HDH, K, SCS
crocea (Gray) Greene

var. *crocea*

[*Haplopappus c.* Gray] D, D2, HDH
[*H. c.* var. *c.*] SCS

integrifolia (Porter ex Gray) Greene

[*Haplopappus i.* Porter ex Gray] D, D2, HDH, K, SCS
lanceolata (Hook.) Greene

var. *lanceolata*

[*Haplopappus l.* (Hook.) T. & G.] D, D2, GPF, H, HDH, K
[*H. l.* ssp. *l.*] SCS

uniflora (Hook.) Greene

var. *uniflora*

[*Haplopappus u.* (Hook.) T. & G.] D, H, HDH, K
[*H. u.* ssp. *u.*] SCS

RATIBIDA

columnifera (Nutt.) Woot. & Standl.

tagetes (James) Barnh.

RUDBECKIA

hirta L.

var. *pulcherrima* Farw.

laciniata L.

var. *ampla* (A. Nels.) Cronq.

var. *hortensia* Bailey

[*R. l.* var. *l.*] PLANTS

occidentalis Nutt.

var. *occidentalis*

SAUSSUREA

weberi Hult.

[*S. alpina* DC.] HDH

[*S. densa* (Hook.) Rydb.] PLANTS

SCORZONERA

laciniata L.

SENECIO

amplectens Gray

var. *holmii* (Greene) Harrington

[*Ligularia h.* (Greene) W. A. Weber] W & J

atratus Greene

bigelovii Gray

var. *hallii* Gray

[*Ligularia b.* (Gray) W. A. Weber var. *h.* (Gray) W. A. Weber] W & J

canus Hook.

[*S. harbourii* Rydb.] HDH

[*S. purshianus* Nutt.] HDH
crassulus Gray
crocatus Rydb.
cymbalariaoides Buek
debilis Nutt.
[*S. fedifolius* Rydb.] HDH
dimorphophyllus Greene
var. dimorphophyllus
var. paysonii T. M. Barkl.
eremophilus Richards.
var. eremophilus
var. kingii (Rydb.) Greenm.
[*S. ambrosioides* Rydb.] HDH
[*S. e.* ssp. *k.* (Rydb.) Dougl. & Ruyle-Dougl.] W & J
fendleri Gray
[*S. f.* Gray var. *lanatus* Osterh.] HDH, W & J
fremontii T. & G.
var. fremontii
var. blitoides (Greene) Cronq.
[*S. carthamoides* Greene] HDH
fuscatus Hayek
[*S. tundricola* Tolm.]
hydrophilus Nutt.
indecorus Greene
integerimus Nutt.
var. integerimus
var. exaltatus (Nutt.) Cronq.
lugens Richards.
megacephalus Nutt.
multilobatus T. & G. ex Gray
[*S. uintahensis* (A. Nels.) Greenm.] HDH
pauciflorus Pursh
pauperculus Michx.
plattensis Nutt.
pseudaureus Rydb.
var. pseudaureus
var. flavulus (Greene) Greenm.
[*S. f.* Greene] HDH
[*S. p.* ssp. *f.* (Greene) Dougl. & Ruyle-Dougl.] W & J
rapifolius Nutt.
serra Hook.
var. serra
var. admirabilis (Greene) A. Nels.
spartoides T. & G.

- var. spartioides
 var. fremontii (T. & G.) Greenm. ex Williams
 [S. riddellii T. & G.] PLANTS
 [S. spartioides T. & G. Greenm. ex Williams.] D2
 var. multicapitatus (Greenm. ex Rydb.) Welsh
 [S. m. Greenm.] K, WWS
 [S. m. Greenm. ex Rydb.] HDH, SCS, W & J
 [S. s.] D
 sphaerocephalus Greene
 streptanthifolius Greene
 var. streptanthifolius
 [S. cymbalariaeoides (T. & G.) Nutt.] H1, HDH
 var. borealis (T. & G.) Bain
 [S. s.]
 var. oödes (Rydb.) Bain
 [S. s.]
 var. rubricaulis (Greene) Bain
 [S. s.]
 triangularis Hook.
 tridenticulatus Rydb.
 [S. acutidens Rydb.] HDH, W & J
 vulgaris L.
 wernerifolius (Gray) Gray
 var. wernerifolius
 [S. molinarius Greenm.] HDH, W & J
 [S. w.] D, K, PLANTS
 [S. w. var. incertus Greenm.] HDH, W & J
 var. alpinus (Gray) Dorn
 [Packera w. (Gray) Weber & Löve]
 [S. porteri Greene] PLANTS
 [S. saxosus Klatt] HDH
 [S. w.] K, WU
 [S. w. Gray] H, W & J
SHINNERSOSERIS
 rostrata (Gray) Tomb
 [Lygodesmia r. Gray] GPF, HDH
SILPHIUM
 integrifolium Michx.
 var. laeve T. & G.
SOLIDAGO
 canadensis L.
 var. gilvocanescens Rydb.
 var. salebrosa (Piper) Jones
 [S. lepida DC. var. elongata (Nutt.) Fern.] HDH

- [S. l. var. fallax Fern.] HDH
- gigantea* Ait.
- var. *serotina* (Kuntze) Cronq.
 - [S. g.] PLANTS
 - [S. g. var. *leiophylla* Fern.] HDH
- missouriensis* Nutt.
- var. *missouriensis*
 - var. *extraria* Gray
 - [S. m. var. m.] PLANTS
 - var. *fasciculata* Holz.
- mollis* Bartl.
- [S. *ciliosa* Greene] HDH
 - var. *mollis*
- multiradiata* Ait.
- var. *scopulorum* Gray
 - [S. *ciliosa* Greene] HDH
- nana* Nutt.
- nemoralis* Ait.
- var. *longipetiolata* (Mack. & Bush) Palmer & Steyermark
- parryi* (Gray) Greene
- [*Haplopappus* p. Gray] D, D2, HDH, K
 - [*Oreochrysum* p. (Gray) Rydb.] W & J
- ptarmicoides* (Nees) Boivin
- [*Aster* p. (Nees) T. & G.] D, GPF, HDH, W & J
 - [*Oligoneuron* *album* (Nutt.) Nesom] PLANTS
 - [*Unamia* a. (Nutt.) Rydb.] D2
- rigida* L.
- var. *humilis* Porter
 - [*Oligoneuron* *rigidum* (L.) Small] W & J
 - [*O. r.* var. *h.* (Porter) Nesom] PLANTS
- simplex* Kunth
- [S. *decumbens* Greene] HDH
 - [S. d. Greene var. *oreophila* (Rydb.) Fern.] HDH (fide W & J not K)
 - [S. *glutinosa* Nutt.] D1
 - [S. *spathulata* DC.]
 - [S. *spathulata* ssp. *spathulata* var. *nana* (Gray) Cronquist] K, SCS
 - [S. *spathulata* ssp. *spathulata* var. *neomexicana* (Gray) Cronquist] K, SCS
 - [S. *spathulata* var. *nana* (Gray) Cronquist]
- sparsiflora* Gray
- [S. *velutina* DC.] PLANTS
- speciosa* Nutt.
- var. *pallida* Porter
 - [S. s. var. *rigidiuscula* T. & G.] GPF
- SONCHUS

arvensis L.

[*S. a. ssp. a.*] K, SCS

asper (L.) Hill

[*S. a. ssp. a.*] K

[*S. a. ssp. glaucescens* (Jord.) Ball] K

oleraceus L.

uliginosus M.-Bieb.

[*S. arvensis* L. ssp. *u.* (M.-Bieb.) Nyman] FE, K, PLANTS, SCS

[*S. a. var. glabrescens* Guenth. et al.] HDH (fide W & J not K)

SPHAEROMERIA

argentea Nutt.

[*Tanacetum nuttallii* T. & G.] D, H, HDH

capitata Nutt.

[*Tanacetum c.* (Nutt.) T. & G.] D, H

simplex (A. Nels.) Heller

[*Tanacetum s.* A. Nels.] D

STEPHANOMERIA

exigua Nutt.

ssp. *exigua*

pauciflora (Torr.) A. Nels.

var. *pauciflora*

[*S. p.*] PLANTS

runcinata Nutt.

tenuifolia (Torr.) Hall

[*S. t.* (Raf.) Hall] PLANTS

[*S. t.* (Raf.) Hall var. *t.*] SCS

TAGETES

patula L.

Escaped from cultivation, possibly not persistent (Laramie Co.: T14N R68W S26).

TANACETUM

vulgare L.

TARAXACUM

ceratophorum (Ledeb.) DC.

[*T. officinale* G. H. Weber ex Wiggers ssp. *c.* (Ledeb.) Schinz ex Thellung]

PLANTS

eriophorum Rydb.

laevigatum (Willd.) DC.

[*T. erythrospermum* Andrz. ex Bess.] FE, HDH

officinale Weber

scopulorum (Gray) Rydb.

[*T. lyratum* (Ledeb.) DC.] PLANTS

TETRADYMYIA

canescens DC.

nuttallii T. & G.

spinosa H. & A.

THELESPERMA

caespitosum Dorn

filifolium (Hook.) Gray

var. *intermedium* (Rydb.) Shinners

[*T. trifidum* (Poir.) Britt.] HDH (fide W & J not K)

marginatum Rydb.

[*T. subnudum* Gray] HDH, W & J

[*T. s. var. m.* (Rydb.) Melch.] H2, K

[*T. s. var. m.* (Rydb.) Melch. ex Cronq.] PLANTS, SCS

megapotamicum (Spreng.) Kuntze

pubescens Dorn

TOWNSENDIA

alpigena Piper

var. *alpigena*

[*T. montana* Jones] H, K

condensata Parry ex Gray

var. *condensata*

[*T. c.* Parry ex D. C. Eat.] SCS

var. *anomala* (Heiser) Dorn

[*T. a.* Heiser] H1

[*T. c.*] K

[*T. c.* Eat.] H2

[*T. c.* Parry ex D. C. Eat.] SCS

exscapa (Richards.) Porter

[*T. sericea* Hook.] HDH

florifer (Hook.) Gray

grandiflora Nutt.

hookeri Beaman

[*T. sericea* Hook.] HDH

incana Nutt.

leptotes (Gray) Osterh.

microcephala Dorn

nuttallii Dorn

parryi D. C. Eat.

spathulata Nutt.

strigosa Nutt.

TRAGOPOGON

dubius Scop.

?[*T. d.* ssp. *d.*] K

*[*T. d.* ssp. *major* (Jacq.) Voll.] K

miscellus Ownbey

porrifolius L.

[2 ssp.] FE

pratensis L.

[*T. p. ssp. p.*]

VERBESINA

encelioides (Cav.) Benth. & Hook. ex Gray

var. *exauriculata* Robins. & Greenm.

[*V. e. ssp. exauriculata* (Robins. & Greenm.) J. R. Coleman] GPF, K, PLANTS

VIGUIERA

multiflora (Nutt.) Blake

var. *multiflora*

[*Heliomeris m.* Nutt.] SCS, W & J

[*H. m. var. m.*] PLANTS

WYETHIA

amplexicaulis (Nutt.) Nutt.

helianthoides Nutt.

scabra Hook.

var. *scabra*

XANTHIUM

strumarium L.

var. *canadense* (Mill.) T. & G.

[*X. chinense* Mill.] HDH

[*X. italicum* Moretti] HDH

[*X. pennsylvanicum* Wallr.] HDH

[*X. s. var. glabratum* (DC.) Cronq.] H, K, SCS

XYLORHIZA

glabriuscula Nutt.

var. *glabriuscula*

[*Aster xylorhiza* (Nutt.) T. & G.] HDH

[*Machaeranthera g.* (Nutt.) Cronq. & Keck] W & J

YERMO

xanthocephalus Dorn

BERBERIDACEAE (BER)

BERBERIS

thunbergii DC.

MAHONIA

repens (Lindl.) G. Don

[*Berberis r.* Lindl.] GPF, H, HDH, SCS

BETULACEAE (BET)

ALNUS

incana (L.) Moench
var. occidentalis (Dippel) C. L. Hitchc.
[A. i. ssp. tenuifolia (Nutt.) Breitung] PLANTS
[A. t. Nutt.] HDH, P, SCS, W & J
[A. t. f. incisa W. A. Weber] W & J
viridis (Vill.) Lam. & DC.
var. crispa (Ait.) House
[A. c. (Dryand.) Pursh] SCS
[A. v. ssp. c. (Ait.) Turrill] PLANTS
var. sinuata Regel
[A. s. (Regel) Rydb.] H, SCS
[A. v. ssp. s. (Regel) A. & D. Löve] PLANTS

BETULA

glandulosa Michx.
[B. g. var. glandulifera Regel] GPF
[B. nana L.] PLANTS
occidentalis Hook.
[B. fontinalis Sarg.] W & J

papyrifera Marsh.

CORYLUS

cornuta Marsh.
var. cornuta

OSTRYA

virginiana (Mill.) K. Koch

BORAGINACEAE (BOR)

AMSINCKIA

lycopsoides Lehm.
menziesii (Lehm.) Nels. & Macbr.
[A. m. var. intermedia (Fisch. & C. A. Mey.) Ganders] PLANTS

ANCHUSA

arvensis (L.) M.-Bieb.

ASPERUGO

procumbens L.

CRYPTANTHA

affinis (Gray) Greene
ambigua (Gray) Greene
caespitosa (A. Nels.) Pays.
cana (A. Nels.) Pays.
celosioides (Eastw.) Pays.
[C. bradburiana Pays.] HDH, W & J
[C. interrupta (Greene) Pays.] H, SCS

[C. macounii (Eastw.) Pays.] GPF
cinerea (Greene) Cronq.
 var. jamesii Cronq.
 [C. j. (Torr.) Pays.] D
 [C. j. var. j.] K, SCS
circumscissa (H. & A.) I. M. Johnst.
 var. circumscissa
fendleri (Gray) Greene
 [C. pattersonii (Gray) Greene] HDH
flava (A. Nels.) Pays.
flavoculata (A. Nels.) Pays.
kelseyana Greene
 [C. crassisepala (T. & G.) Greene] SCS, W & J
minima Rydb.
rollinsii I. M. Johnst.
scoparia A. Nels.
sericea (Gray) Pays.
spiculifera (Piper) Pays.
stricta (Osterh.) Pays.
subcapitata Dorn & Lichvar
thyrsiflora (Greene) Pays.
torreyana (Gray) Greene
 var. torreyana
virgata (Porter) Pays.
watsonii (Gray) Greene

CYNOGLOSSUM

officinale L.

ECHIUM

vulgare L.

ERITRICHUM

howardii (Gray) Rydb.

[Eritrichium h.] C, H, K, PLANTS, SCS

nanum (Vill.) Schrad. ex Gaudin

 var. elongatum (Rydb.) Cronq.

[Eritrichium aretioides (Cham.) DC.] W & J

[E. elongatum (Rydb.) Wight] HDH

[E. n. var. e.] C, H, K, PLANTS, SCS

HACKELIA

deflexa (Wahlenb.) Opiz

 var. americana (Gray) Fern. & Johnst.

floribunda (Lehm.) I. M. Johnst.

[H. leptophylla (Rydb.) I. M. Johnst.] HDH

micrantha (Eastw.) J. Gentry

[H. jessicae (McGreg.) Brand] H

patens (Nutt.) I. M. Johnst.

var. *patens*

HELIOTROPIUM

curassavicum L.

var. *obovatum* DC.

[*H. spathulatum* Rydb.] HDH, W & J

LAPPULA

cenchrusoides A. Nels.

[*L. myosotis* Wolf] D

[*L. squarrosa* (Retz.) Dumort. var. *erecta* (A. Nels.) Dorn] D1

redowskii (Hornem.) Greene

[*L. occidentalis* (Wats.) Greene var. o.] Higgins, PLANTS

[*L. r.*] D. GPF

[*L. r.* var. *desertorum* (Greene) I. M. Johnst.] HDH, W & J

[*L. r.* var. o. (Wats.) Rydb.]

[*L. r.* var. r.] C, H, K, SCS, D2

squarrosa (Retz.) Dumort.

[*L. echinata* Gilib.] GPF, H, HDH, K, SCS, W & J

[*L. fremontii* (Torr.) Greene]

[*L. myosotis* Wolf] D

[*L. s.* var. s.] D1

texana (Scheele) Britt.

[*L. diploloma* (Fisch. & Mey.) Guerke] W & J

[*L. occidentalis* (Wats.) Greene var. *cupulata* (Gray) Higgins] Higgins, PLANTS

[*L. redowskii* (Hornem.) Greene] D, H

[*L. r.* var. c. (Gray) Jones] C, D2, H, SCS

[*L. r.* var. *desertorum* (Greene) I. M. Johnst.] W & J

[*L. r.* var. t. (Scheele) Britt.] K

[*L. t.* var. *coronata* (Greene) Nels. & Macbr.] HDH

[*L. t.* var. *foliosa* (A. Nels.) I. M. Johnst.]

[*L. t.* var. *heterosperma* (Greene) Nels. & Macbr.]

[*L. t.* var. *homosperma* (A. Nels.) Nels. & Macbr.]

[*L. t.* var. t.] HDH

LITHOSPERMUM

arvense L.

[*Buglossoides* a. (L.) I. M. Johnston] PLANTS

incisum Lehm.

multiflorum Torr. ex Gray

ruderale Dougl. ex Lehm.

MERTENSIA

alpina (Torr.) G. Don

arizonica Greene

[*M. a.* var. *leonardii* (Rydb.) I. M. Johnst.]

brevistyla Wats.

ciliata (James ex Torr.) G. Don
var. ciliata
[M. c. (Torr.) G. Don] C
[M. c. var. subpubescens (Rydb.) Macbr. & Pays.]
fusiformis Greene
humilis Rydb.
lanceolata (Pursh) DC.
[M. l. var. l.] HDH, K, SCS
[M. l. var. secundorum Ckll.] HDH, K, SCS
oblongifolia (Nutt.) G. Don
[M. o. var. amoena (A. Nels.) L. Williams] HDH, K, SCS
[M. o. var. nevadensis (A. Nels.) L. Williams] HDH, K, SCS
[M. o. var. o.] HDH, K, SCS
[M. oreophila L. Williams]
viridis (A. Nels.) A. Nels.
[M. lanceolata (Pursh) DC. var. nivalis (S. Wats) Higgins] PLANTS
[M. v. var. dilatata (A. Nels.) L. Williams] HDH, K, SCS
[M. v. var. v.] HDH, K, SCS

MYOSOTIS

alpestris F. W. Schmidt
[M. a. ssp. a.] SCS
[M. a. ssp. asiatica Vestergren] W & J
[M. asiatica (Vesterg.) Schischkin & Sergievskaja] PLANTS
[M. sylvatica Hoffm. var. alpestris (F. W. Schmidt) Koch] H
arvensis (L.) Hill
micrantha Pall. ex Lehm.
[M. stricta Link ex R. & S.] K
[M. stricta Link ex Roemer & J. A. Schultes] PLANTS
scorpioides L.
sylvatica Hoffm.
 Seed sown on roadside.

verna Nutt.

ONOSMODIUM

molle Michx.
var. occidentale (Mack.) I. M. Johnst.
[O. m. ssp. o. (Mack.) Cochrane] K, PLANTS

PECTOCARYA

penicillata (H. & A.) A. DC.
[P. linearis (R. & P.) A. DC. var. penicillata (H. & A.) Jones]
PLAGIOBOTHRYS
leptocladus (Greene) I. M. Johnst.
scouleri (H. & A.) I. M. Johnst.
var. hispidulus (Greene) Dorn
[P. nelsonii (Greene) I. M. Johnst.] HDH, W & J

[*P. scopulorum* (Greene) I. M. Johnst.] HDH, W & J
[*P. scouleri* var. *penicillatus* (Greene) Cronq.]

TIQUILIA

nuttallii (Hook.) A. Richards.
[*Coldenia* n. Benth. ex Hook.] D, H
[*T. c.* (Benth. ex Hook.) A. Richards.]

BRASSICACEAE (BRA)

ALYSSUM

alyssoides (L.) L.
desertorum Stapf
parviflorum M.-Bieb.
var. *micranthum* (C. A. Mey.) Dorn
[*A. minus* (L.) Rothm.] SCS
[*A. minus* var. *micranthum* (C. A. Mey.) Dudl.] PLANTS, RCR

ARABIS

cobreensis Jones
confinis Wats.
var. *confinis*
[*A. divaricarpa* A. Nels. var. *divaricarpa*]
[*A. drummondii* Gray] PLANTS, RCR
crandallii Robins.
demissa Greene
var. *languida* Roll.
drummondii Gray
fendleri (Wats.) Greene
var. *spatifolia* (Rydb.) Roll.
fructicosa A. Nels.
[*A. microphylla* Nutt. var. *macounii* (Wats.) Roll.] D2
Dorn (1988) considers this to be a robust variant of *A. microphylla*; see R. C. Rollins, 1983, Amer. J. Bot. 70: 625-634.
glabra (L.) Bernh.
var. *glabra*
hirsuta (L.) Scop.
var. *glabrata* T. & G.
var. *pycnocarpa* (M. Hopk.) Roll.
holboellii Hornem.
var. *collinsii* (Fern.) Roll.
var. *pinetorum* (Tidestr.) Roll.
var. *secunda* (Howell) Jeps.
[*A. h.* var. *retrofracta* (Grah.) Rydb.] PLANTS, RCR

- lemonii* Wats.
 var. *lemonii*
 var. *drepanoloba* (Greene) Roll.
lignifera A. Nels.
lyallii Wats.
 var. *lyallii*
microphylla Nutt.
 var. *microphylla*
 [A. m. Nutt. ex Torrey & A. Gray var. m.] RCR
 var. *macounii* (Wats.) Roll.
 [A. *microphylla* var. *microphylla*] H
 [A. m. Nutt. ex Torrey & A. Gray var. *macounii*] RCR
nuttallii Robins.
pendulina Greene
 var. *russeola* (Roll.) Roll.
 [A. *demissa* Greene var. *r.* Roll.] HDH, K, SCS, W & J
pendulocarpa A. Nels.
 [A. *holboellii* Hornem. var. *p.* (A. Nels.) Roll.] PLANT, RCR
 [A. *p.* var. *p.*] D1
perennans Wats.
pulchra Jones ex Wats.
 var. *pallens* Jones
pusilla Roll.
selbyi Rydb.
 [*Boechera* s. (Rydb.) W. A. Weber] WWS
sparsiflora Nutt.
 var. *sparsiflora*
 [A. s. Nutt. ex Torrey & A. Gray var. s.] RCR
 var. *subvillosa* (Wats.) Roll.
 [A. *sparsiflora* Nutt. ex Torrey & A. Gray var. *subvillosa*] RCR
williamsii Roll.
 var. *williamsii*
 var. *saximontana* (Roll.) Roll.
 [A. *microphylla* Nutt.] D
 [A. m. var. *s.* Roll.] H, K, SCS
 [A. *pendulocarpa* A. Nels. var. *saximontana* (Roll.) Dorn] D2
- ARMORACIA**
- rusticana* Gaertn. et al.
 [A. *lapathifolia* Gilib.]
 [A. r. P. Gaertner, Meyer, & Schreb.] PLANTS, RCR
 [Rorippa *armoracia* (L.) A. S. Hitch.] H, HDH
- BARBAREA**
- orthoceras* Ledeb.
 *[B. o. var. o.] H, K, SCS

- *[*B. o.* var. *dolichocarpa* Fern.] H, K, SCS
vulgaris R. Br.
 [B. *v.* Ait. f.] PLANTS
 *[*B. v.* var. *brachycarpa* Rouy & Foucaud] H, K
- BERTEROA**
 incana (L.) DC.
- BRASSICA**
 juncea (L.) Czern.
 kaber (DC.) Wheeler
 [Sinapis *arvensis* L.] PLANTS, RCR
 rapa L.
 [B. *campestris* L.] GPF, HDH
 [B. *r.* var. *r.*] PLANTS
- CAMELINA**
 microcarpa Andr. ex DC.
 [C. *m.* DC.] PLANTS
 sativa (L.) Crantz
- CAPSELLA**
 bursa-pastoris (L.) Medic.
- CARDAMINE**
 breweri Wats.
 var. *breweri*
 [C. *b.* var. *leibergii* (Holz.) C. L. Hitchc.]
 [C. *vallicola* Greene] HDH, K
 cordifolia Gray
 var. *cordifolia*
 oligosperma Nutt.
 var. *oligosperma*
 [C. *o.* Nutt. ex Torrey & A. Gray] RCR
 [C. *unijuga* Rydb.]
 pensylvanica Muhl. ex Willd.
 [C. *p.* var. *p.*] SCS
- CARDARIA**
 chalepensis (L.) Hand.-Mazz.
 [C. *draba* (L.) Desv. ssp. *chalepensis* (L.) O. E. Schulz] FE
 draba (L.) Desv.
 pubescens (C. A. Mey.) Jarmol.
 [C. *p.* var. *elongata* Roll.]
- CAULANTHUS**
 crassicaulis (Torr.) Wats.
 [C. *c.* var. *c.*] RCR
- CHORISPORA**
 tenella (Pall.) DC.
- CONRINGIA**

orientalis (L.) Dumort.

DESCURAINIA

californica (Gray) O. E. Schulz

incana (Bernh. ex Fisch. & Mey.) Dorn

var. *incana*

[D. i.] RCR

[D. i. ssp. i.] PLANTS

[D. richardsonii (Sweet) O. E. Schulz ssp. *incisa* (Engelm.) Detl.] HDH, K, SCS, W & J

[D. r. var. *sonnei* (Robins.) C. L. Hitchc.]

var. *macroisperma* (O. E. Schulz) Dorn

[D. i.] RCR

[D. i. ssp. *procera* (Greene) Kartesz & Gandhi] PLANTS

[D. r.] RCR

[D. r. ssp. p. (Greene) Detl.] HDH, K, SCS, W & J

[D. r. var. m. O. E. Schulz]

[D. r. var. p. (Greene) Breit.]

var. *major* (Hook.) Dorn

[D. i.] RCR

[D. i. ssp. i.] PLANTS

[D. r. ssp. r.] HDH, K, SCS, W & J

[D. r. var. r.]

var. *viscosa* (Rydb.) Dorn

[D. *incana* ssp. v. (Rydb. Kartesz & Gandhi) PLANTS

[D. *incisa* (Engelm. ex Gray) Britt. ssp. v. (Rydb.) Roll.] RCR

[D. r. ssp. v. (Rydb.) Detl.] HDH, K, SCS, W & J

[D. r. var. v. (Rydb.) Peck]

pinnata (Walt.) Britt.

var. *brachycarpa* (Richards.) Fern.

[D. p. ssp. b. (Richards.) Detl.] GPF, HDH, K, PLANTS, RCR, SCS, W & J

[D. p. ssp. b. var. b.] D1

var. *filipes* (Gray) Peck.

[D. *incisa* (Engelm. ex Gray) Britt. ssp. f. (Gray) Roll.] RCR

[D. p. ssp. b. var. f.] D1

[D. p. ssp. f. (Gray) Detl.] HDH, K, PLANTS, SCS, W & J

var. *intermedia* (Rydb.) C. L. Hitchc.

[D. p. ssp. b. var. i.] D1

[D. p. ssp. i. (Rydb.) Detl.] GPF HDH, K, PLANTS, RCR, SCS, W & J

var. *nelsonii* (Rydb.) Peck

[D. p. ssp. b. var. n.] D1

[D. p. ssp. n. (Rydb.) Detl.] HDH, K, PLANTS, RCR, SCS, W & J

var. *osmiarum* (Ckll.) Shinners

[D. p. ssp. *halictorum* (Ckll.) Detl.] GPF, HDH, K, PLANTS, RCR, SCS, W & J

[D. p. ssp. p. var. o.] D1

- [D. p. var. h. (Ckll.) Peck] H
 var. paysonii (Detl.) Welsh & Reveal
 [D. incisa (Engelm. ex Gray) Britt. ssp. paysonii (Detl.) Roll.] RCR
 [D. pinnata ssp. b. var. paysonii Detl.] D1
 [D. pinnata ssp. paysonii Detl.] K, PLANTS, SCS, W & J
 sophia (L.) Webb ex Prantl
 [D. s. (L.) Webb] RCR
 torulosa Roll.
DRABA
 albertina Greene
 [D. stenoloba Ledeb.] GPF
 [D. s. var. nana (O. E. Schulz) C. L. Hitchc.] D, H, HDH, SCS
 apiculata C. L. Hitchc.
 [D. globosa Pays.] D2, PLANTS, RCR
 aurea Vahl ex Hornem.
 [D. a. var. a.]
 borealis DC.
 [D. b. var. maxima (Hult.) Welsh]
 cana Rydb.
 [D. breweri Wats. var. c. (Rydb.) Roll.] PLANTS, RCR
 [D. lanceolata Royle] GPF, H, HDH, USSR
 crassa Rydb.
 crassifolia Grah.
 [D. albertina Greene] W & J
 [D. c. var. c.]
 densifolia Nutt.
 [D. d. Nutt. ex Torrey & A. Gray] RCR
 fladnizensis Wulf.
 var. pattersonii (O. E. Schulz) Roll.
 glabella Pursh
 [D. g. var. g.]
 incerta Pays.
 [D. i. var. i.] RCR
 lonchocarpa Rydb.
 var. lonchocarpa
 [D. l. var. exigua O. E. Schulz] H
 [D. nivalis Liljeb. var. e. (O. E. Schulz) C. L. Hitchc.] SCS
 nemorosa L.
 [D. n. var. leiocarpa Lindbl.] K
 oligosperma Hook.
 var. oligosperma
 [D. o.] PLANTS, RCR
 var. juniperina (Dorn) Welsh
 [D. j. Dorn]

- [D. o.] PLANTS, RCR
- [D. o. var. pectinipila (Roll.) C. L. Hitchc.] H
- var. pectinipila (Roll.) C. L. Hitchc.
- [D. o.] PLANTS, RCR
- [D. p. Roll.]
- paysonii Macbr.
 - var. paysonii
 - [D. p. Roll.]
 - var. treleasii (O. E. Schulz) C. L. Hitchc.
- porsildii Mulligan
 - var. porsildii
 - var. brevicula (Roll.) Roll.
 - [D. nivalis Lilj.] D
 - [D. n. var. b. Roll.] D
- praealta Greene
- reptans (Lam.) Fern.
 - [D. r. ssp. r.] K
 - [D. r. var. r.]
 - [D. r. f. micrantha (Nutt.) Hitchc.] HDH
- spectabilis Greene
 - var. oxyloba (Greene) Gilg & O. E. Schulz
- streptocarpa Gray
 - [D. s. var. s.]
- ventosa Gray
 - [D. v. var. v.]
- verna L.
 - var. verna
 - [D. v.] PLANTS, RCR
 - [D. v. var. aestivalis Lej.] SCS
 - [D. v. var. boerhaavii Van Hall] H
 - [Erophila v. (L.) Chevall. ssp. v.] FE, K
 - [E. v. ssp. praecox (Steven) Walters] FE, K
 - [E. v. ssp. spathulata (Lang) Walters] FE, K
 - var. verna
- ERUCASTRUM
- gallicum (Willd.) O. E. Schulz
- ERYSIMUM
- asperum (Nutt.) DC.
 - [E. a. var. a]
 - [E. capitatum (Dougl. ex Hook.) Greene var. c.] PLANTS
- capitatum (Dougl. ex Hook.) Greene
 - var. capitatum
 - [E. argillosum (Greene) Rydb.]
 - [E. asperum (Nutt.) DC.] D, H, HDH

- [E. asperum (Nutt.) DC. var. arkansanum (Nutt.) Gray]
- [E. c. (Dougl. ex Hook.) Greene ssp. c.] SCS
- [E. c. var. argillosum (Greene) R. J. Davis]
- [E. c. var. purshii (Durand) Rollins] RCR
- [E. nivale (Greene) Rydb.]
- cheiranthoides L.
- ssp. altum Ahti
 - [E. c.] PLANTS, RCR
 - [E. c. ssp. c.] SCS
- inconspicuum (Wats.) MacM.
 - [E. i. var. i.] RCR
- repandum L.
- EUCLIDIUM
 - syriacum (L.) R. Br.
 - [E. s. (L.) Ait. f.] PLANTS
- HALIMOLOBOS
 - virgata (Nutt.) O. E. Schulz
 - [H. v. (Nutt. ex Torrey & A. Gray) O. E. Schulz] RCR
- HESPERIS
 - matronalis L.
- HUTCHINSIA
 - procumbens (L.) Desv.
 - [Hymenolobus p. (L.) Nutt. ex T. & G.]
- ISATIS
 - tinctoria L.
- LEPIDIUM
 - campestre (L.) R. Br.
 - [L. c. (L.) Ait. f.] PLANTS
 - densiflorum Schrad.
 - var. densiflorum
 - var. macrocarpum Mulligan
 - var. pubicarpum (A. Nels.) Thell.
 - var. ramosum (A. Nels.) Thell.
 - latifolium L.
 - montanum Nutt.
 - var. montanum
 - [L. m. Nutt. ex Torrey & A. Gray] RCR
 - var. alyssoides (Gray) Jones
 - [L. a. Gray var. a.] PLANTS, RCR
 - var. integrifolium (Nutt.) C. L. Hitchc.
 - [L. i. var. i.] PLANTS
 - [L. i. Nutt. ex Torrey & A. Gray var. i.] RCR
 - var. wyomingense (C. L. Hitchc.) C. L. Hitchc.
 - [L. m. Nutt. ex Torrey & A. Gray var. w.] RCR

- perfoliatum* L.
ramosissimum A. Nels.
 [L. r. var. *bourgeauanum* (Thell.) Rollins] RCR
 [L. r. var. r.] RCR
sativum L.
virginicum L.
 var. *medium* (Greene) C. L. Hitchc.
 var. *pubescens* (Greene) C. L. Hitchc.
 [L. v. var. p. (Greene) Thellung] PLANTS, RCR
- LESQUERELLA**
- alpina* (Nutt.) Wats.
 var. *alpina*
 [L. a. (Nutt. ex T. & G.) S. Wats.] RCR
 [L. a. ssp. a.]
 [L. *subumbellata* Roll.] HDH
 var. *condensata* (A. Nels.) C. L. Hitchc.
 [L. a. ssp. c. (A. Nels.) Roll. & Shaw]
 [L. c. A. Nels.] PLANTS, RCR, SCS
 var. *parvula* (Greene) Welsh & Reveal
 [L. a. ssp. *parvula* (Greene) Roll. & Shaw]
 [L. a. var. *condensata* (A. Nels.) C. L. Hitchc.] H
 [L. p. Greene] PLANTS, RCR
- arenosa* (Richards.) Rydb.
 var. *arenosa*
 [L. *ludoviciana* (Nutt.) Wats. var. a. (Richards.) Wats.] H
 var. *argillosa* Roll. & Shaw
- carinata* Roll.
 [L. c. var. c.] RCR
- fremontii* Roll. & Shaw
ludoviciana (Nutt.) Wats.
 [L. l. var. l.] H
- macrocarpa* A. Nels.
montana (Gray) Wats.
multiceps Maguire
paysonii Roll.
prostrata A. Nels.
subumbellata Roll.
- LOBULARIA**
- maritima* (L.) Desv.
 [Koniga m. (L.) R. Br.] USSR
- MALCOLMIA**
- africana* (L.) R. Br.
 [M. a. (L.) Ait. f.] PLANTS
 [M. a. R. Br.] RCR

PARRYA

nudicaulis (L.) Boiss.

[P. n. (L.) Regel] RCR

[P. n. (L.) Regel ssp. n.] SCS

PHYSARIA

acutifolia Rydb.

var. *acutifolia*

[P. *acutifolia* Rydb.] HDH, SCS, W & J

[P. *australis* (Pays.) Roll.] D, H

brassicooides Rydb.

condensata Roll.

didymocarpa (Hook.) Gray

var. *didymocarpa*

var. *lanata* A. Nels.

[P. *lanata* (A. Nels.) Rydb.] D2

dornii Lichvar

eburniflora Roll.

integrifolia (Roll.) Lichvar

var. *integrifolia*

[P. *didymocarpa* (Hook.) Gray] D

[P. d. var. d.] H

[P. d. var. i. Roll.] K, RCR, SCS

var. *monticola* Lichvar

[P. *didymocarpa* (Hook.) Gray] D

[P. d. var. d.] H

[P. d. var. i.] K, SCS

saximontana Roll.

var. *saximontana*

vitulifera Rydb.

RAPHANUS

sativus L.

RORIPPA

calycina (Engelm.) Rydb.

curvipes Greene

var. *curvipes*

[R. *obtusa* (Nutt.) Britt.] H

var. *alpina* (Wats.) Stuckey

[R. a. (Wats.) Rydb.] HDH footnote, PLANTS, RCR

[R. *obtusa* (Nutt.) Britt. var. a. (Wats.) Britt.] H

var. *integra* (Rydb.) Stuckey

[R. c. var. *truncata* (Jepson) Rollins] PLANTS, RCR

[R. *obtusa* (Nutt.) Britt.] H

curvisiliqua (Hook.) Bessey ex Britt.

var. *curvisiliqua*

- var. *orientalis* Stuckey
nasturtium-aquaticum (L.) Hayek
 [N. *officinale* R. Br.]
palustris (L.) Bess.
 var. *elongata* Stuckey
 [R. p. ssp. *hispida* (Desv.) Jonsell] PLANTS
 [R. p. var. h. (Desv.) Rydb.] RCR
 var. *fernaldiana* (Butters & Abbe) Stuckey
 [R. *glabra* ssp. f. (Butters & Abbe) Jonsell]
 [R. p. ssp. f. (Butters & Abbe) Jonsell] D2, PLANTS
 [R. p. ssp. f. var. f.]
 var. *hispida* (Desv.) Rydb.
 [R. h. (Desv.) Britt.] HDH, USSR
 [R. *islandica* (Oed.) Borb.] FE, HDH
 [R. i. var. h. (Desv.) Butters & Abbe] H
 [R. p. ssp. h. (Desv.) Jonsell] PLANTS
 [R. p. ssp. h. var. h.]
sinuata (Nutt.) Hitchc.
 [R. s. (Nutt. ex Torrey & A. Gray) A. S. Hitchc.] RCR
sphaerocarpa (Gray) Britt.
 [R. *obtusa* (Nutt.) Rydb.] HDH
tenerrima Greene
 [R. *lyrata* (Nutt.) Rydb.] HDH (fide W & J not K)
truncata (Jeps.) Stuckey
 [R. *curvipes* Greene var. t. (Jepson) Rollins] PLANTS, RCR
- SCHOENOCRAMBE**
- linifolia* (Nutt.) Greene
 [Sisymbrium l. (Nutt.) Nutt. ex T. & G.] D, HDH
- SISYMBRIUM**
- altissimum* L.
loeselii L.
- SMELOWSKIA**
- calycina* (Steph. ex Willd.) C. A. Mey.
 var. *americana* (Regel & Herd.) Drury & Roll.
 [S. c. (Steph.) C. A. Mey. var. a.] RCR
- STANLEYA**
- pinnata* (Pursh) Britt.
 [S. p. var. p.] RCR
 [S. p. var. *bipinnata* (Greene) Roll.] RCR
 [S. p. var. *gibberosa* Roll.]
 [S. p. var. *integrifolia* (James) Roll.]
- tomentosa* Parry
 var. *tomentosa*
viridiflora Nutt.

[S. v. Nutt. ex Torrey & A. Gray] RCR

STREPTANTHELLA

longirostris (Wats.) Rydb.

var. longirostris

[S. l.] PLANTS, RCR

STREPTANTHUS

cordatus Nutt.

[S. c. Nutt. ex Torrey & A. Gray var. c.] RCR

SUBULARIA

aquatica L.

[S. a. ssp. americana Mulligan & Calder]

[S. a. var. americana (G. Mulligan & Calder) Boivin] RCR

THELYPODIOPSIS

elegans (Jones) Rydb.

[Sisymbrium e. (Jones) Pays.] HDH, W & J

[T. wyomingensis (A. Nels.) Rydb.]

THELYPODIUM

integrifolium (Nutt.) Endl. ex Walp.

var. integrifolium

[T. i. ssp. i.] K, SCS, W & J

[T. i. (Nutt. ex Torrey & A. Gray) Endl. ssp. i.] RCR

[T. lilacinum Greene] HDH

paniculatum A. Nels.

[T. sagittatum (Nutt.) Endl.] H, HDH in part

sagittatum (Nutt.) Endl. ex Walp.

var. sagittatum

[T. s. (Nutt. ex T. & G.) Endl. ex Walp.] SCS

[T. s. ssp. s.] K, PLANTS

[T. s. (Nutt.) Endl. ssp. s.] RCR

[T. paniculatum A. Nels.] W & J in part

THLASPI

arvense L.

montanum L.

var. montanum

[T. alpestre L.] HDH

[T. fendleri Gray var. f.] H

[T. f. var. glaucum (A. Nels.) C. L. Hitchc.] H

parviflorum A. Nels.

CACTACEAE (CAC)

CORYPHANTHA

missouriensis (Sweet) Britt. & Rose

- var. missouriensis
 [Escobaria m. (Sweet) D. R. Hunt var. m.] PLANTS
 [Mamillaria m. Sweet] HDH
vivipara (Nutt.) Britt. & Rose
 var. *vivipara*
 [Escobaria v. (Nutt.) Buxbaum var. v.] PLANTS
 [Mamillaria v. (Nutt.) Haw.] HDH
ECHINOCEREUS
viridiflorus Engelm.
 var. *viridiflorus*
OPUNTIA
erinacea Engelm. & Bigel. ex Engelm.
 var. *utahensis* (Engelm.) Benson
 [O. *rhodantha* K. Schum.] HDH
fragilis (Nutt.) Haw.
 var. *fragilis*
 [O. *schweriniana* K. Schum.] HDH
macrorhiza Engelm.
 var. *macrorhiza*
 [O. *compressa* (Salisb.) Macbr. var. m. (Engelm.) Benson] W & J
 [O. *humifusa* Raf.] HDH (fide W & J not K)
polyacantha Haw.
 var. *polyacantha*
 var. *juniperina* (Britt. & Rose) Benson
 [O. p. var. j. (Engelm. & Bigel.) Benson] SCS
 var. *rufispina* (Engelm. & Bigel. ex Engelm.) Benson
 [O. *rutila* Nutt.] HDH
PEDIOCACTUS
simpsonii (Engelm.) Britt. & Rose
 var. *simpsonii*
 [Echinocactus s. Engelm.] HDH

CALLITRICHACEAE (CLL)

- CALLITRICHE**
hermaphroditica L.
heterophylla Pursh
 var. *heterophylla*
 [C. h. ssp. h.] PLANTS
palustris L.
 [C. *verna* L.]

CAMPANULACEAE (CAM)

CAMPANULA

aparinoides Pursh

parryi Gray

 var. *parryi*

rapunculoides L.

rotundifolia L.

uniflora L.

DOWNINGIA

laeta (Greene) Greene

HETEROCODON

rariflorum Nutt.

LOBELIA

siphilitica L.

 var. *ludoviciana* A. DC.

PORTERELLA

carnosula (H. & A.) Torr.

TRIODANIS

holzingeri McVaugh

leptocarpa (Nutt.) Nieuwl.

perfoliata (L.) Nieuwl.

CANNABACEAE (CAN)

CANNABIS

sativa L.

 [C. s. ssp. *sativa*]

 *[C. s. ssp. s. var. *sativa*] K

 *{C. s. ssp. s. var. *spontanea* Vavilov] K

HUMULUS

lupulus L.

 var. *neomexicanus* Nels. & Ckll.

 [H. *americanus* Nutt.] HDH

 [H. l.] SCS

CAPPARACEAE (CPP)

CLEOME

lutea Hook.

 var. *lutea*

multicaulis Sessé & Mociño ex DC.

[C. m. DC.] PLANTS
[C. sonorae Sessé & Moc. ex Gray] HDH

serrulata Pursh

POLANISIA

dodecandra (L.) DC.

var. trachysperma (T. & G.) Iltis

[P. d. ssp. t. (T. & G.) Iltis] PLANTS

[P. d. ssp. d. var. t. (T. & G.) Iltis] W & J

[P. t. (T. & G.) Iltis] D, D2, H, HDH

CAPRIFOLIACEAE (CPR)

LINNAEA

borealis L.

var. longiflora Torr.

[L. b. ssp. americana (Forbes) Hult.] K, W & J

[L. b. ssp. l. (Torr.) Hult.] K, PLANTS

[L. b. var. a. (Forbes) Rend.] HDH

LONICERA

× bella Zabel

caerulea L.

var. cauriana (Fern.) Boivin

dioica L.

var. glaucescens (Rydb.) Butters

involucrata (Richards) Banks ex Spreng.

var. involucrata

[L. i. Banks ex Spreng. var. i.] PLANTS

minutiflora Zabel

morrowii Gray

[L. ruprechtiana Regel]

tatarica L.

utahensis Wats.

SAMBUCUS

canadensis L.

var. canadensis

[S. nigra L. ssp. c. (L.) R. Bolli] PLANTS

cerulea Raf.

var. cerulea

[S. nigra L. ssp. c. (Raf.) R. Bolli] PLANTS

racemosa L.

var. melanocarpa (Gray) McMinn

[S. m. Gray] HDH, SCS

[S. r. ssp. pubens (Michx.) House var. m.]

[*S. r.* ssp. *p.* (*Michx.*) Koehne var. *m.* (*Gray*) McMinn] PLANTS
[*S. r.* var. (*Gray*) McMinn] PLANTS
var. *microbotrys* (*Rydb.*) Kearn. & Peeb.
[*S. pubens* (*Michx.*) HDH (fide W & J not K)
[*S. r.* ssp. *p.* var. *m.*]
[*S. r.* ssp. *p.* (*Michx.*) House var. *m.*] PLANTS
var. *pubens* (*Michx.*) Koehne
[*S. p.*] HDH
[*S. r.* ssp. *p.* var. *leucocarpa* (*T. & G.*) Cronq.] PLANTS
[*S. r.* ssp. *p.* var. *p.*] H1, PLANTS
[*S. r.* var. *l.*]
[*S. r.* var. *r.*] PLANTS

SYMPHORICARPOS

albus (L.) Blake
var. *albus*
var. *laevigatus* (*Fern.*) Blake
[*S. a.* var. *l.* Blake] SCS
[*S. rivularis* Suksd.] HDH
occidentalis Hook.
oreophilus Gray
var. *utahensis* (*Rydb.*) A. Nels.
[*S. tetonensis* A. Nels.] HDH
[*S. u.* Rydb.] HDH
[*S. vaccinioides* Rydb.] HDH (fide W & J not K)

VIBURNUM

edule (*Michx.*) Raf.
[*V. pauciflorum* (*La Pylaie*) T. & G.] HDH
lantana L.
lentago L.
opus L.
var. *americanum* Ait.
[*V. trilobum* Marsh.] K, SCS

CARYOPHYLLACEAE (CRY)

AGROSTEMMA

githago L.

ARENARIA

congesta Nutt.

var. *congesta*

var. *lithophila* (*Rydb.*) Maguire

[*A. c.* var. *l.* (*Rydb.*) Rydb. ex C. L. Hitchc.]

eastwoodiae Rydb.

- var. eastwoodiae
 [A. fendleri Gray var. e. (Rydb.) Harrington] HDH
 fendleri Gray
 var. fendleri
 hookeri Nutt.
 var. hookeri
 [A. h. ssp. h.] K, PLANTS, SCS, W & J
 [A. h. ssp. desertorum (Maguire) W. A. Weber] K, PLANTS, SCS, W & J
 var. pinetorum (A. Nels.) Maguire
 [A. h. ssp. p. (A. Nels.) W. A. Weber] K, PLANTS, SCS, W & J
 kingii (Wats.) Jones
 var. glabrescens (Wats.) Maguire
 [A. k. ssp. compacta (Cov.) Maguire] PLANTS
 [A. k. ssp. uintahensis (A. Nels.) Maguire] K, SCS
 [A. k. var. u. (A. Nels.) C. L. Hitchc.]
 [A. u. A. Nels.] HDH
 serpyllifolia L.
 ssp. serpyllifolia
 [A. s.] PLANTS
- CERASTIUM**
- arvense L.
 [C. a. var. a.] K
 [C. a. var. viscidulum Greml] K
 beeringianum Cham. & Schlecht.
 var. capillare Fern. & Wieg.
 [C. alpinum L. var. alpinum] K
 [C. b. ssp. earlei (Rydb.) Hult.] PLANTS, W & J
 brachypodium (Engelm. ex Gray) Robins.
 [C. nutans var. brachypodium Engelm. ex Gray]
 fontanum Baumg.
 ssp. vulgare (Hartm.) Greuter & Burdet
 [C. f.] SCS
 [C. f. ssp. triviale (Link) Jalas]
 [C. vulgatum L.] GPF, H
 [C. v. var. hirsutum Fries] HDH
 nutans Raf.
 var. nutans
- DIANTHUS**
- armeria L.
 ssp. armeria
 [D. a.] PLANTS
- barbatus L.
 ssp. barbatus
 [D. b.] PLANTS

- deltoides* L.
 ssp. *deltoides*
 [D. d.] PLANTS
- GYPSOPHILA**
paniculata L.
 var. *paniculata*
 [G. p.] PLANTS
- scorzonerifolia* Ser.
- LOEFLINGIA**
squarrosa Nutt.
 var. *artemisiarum* (Barneby & Twiss.) Dorn
 [L. s.] SCS
 [L. s. ssp. a. Barneby & Twiss.] PLANTS
- var. *texana* (Hook.) Dorn
 [L. s. ssp. s.] K, PLANTS
 [L. s. ssp. t. (Hook.) Barneby & Twiss.]
 [L. t. Hook.] SCS
- MINUARTIA**
austromontana S. J. Wolf & Packer
 [Arenaria *rossii* R. Br. ex Richards.] D, HDH
 [A. r. ssp. *columbiana* (Raup) Maguire var. *apetala* Maguire] P
 [A. r. var. *apetala*] H, D2
 [M. *stricta* (Sw.) Hiern] W & J
- macrantha* (Rydb.) House
 [Alsinanthe *macrantha* (Rydb.) W. A. Weber]
 [Arenaria *macrantha* (Rydb.) A. Nels.]
- nuttallii* (Pax) Briq.
 ssp. *nuttallii*
 [Arenaria n. Pax] D, D2, P
 [A. n. ssp. n.] H
 [Minuopsis *nuttallii* (Pax) W. A. Weber]
- obtusiloba* (Rydb.) House
 [Arenaria o. (Rydb.) Fern.] D, D2, H, HDH, P
 [A. *sajanensis* Willd.] HDH
 [Lidia *obtusiloba* (Rydb.) Löve & Löve]
 [M. *biflora* (L.) Schinz & Thell.] W & J?
- rubella* (Wahlenb.) Hiern
 [Alsinanthe *stricta* (Sw.) Reichenb.]
 [Arenaria r. (Wahlenb.) Sm.] D, D2, GPF, H, HDH, P
 [A. *rossii* R. Br. ex Richards.] D, HDH
 [A. *stricta* Michx.] D
 [A. s. ssp. *dawsonensis* (Britt.) Maguire] P
 [A. s. var. d. (Britt.) Scoggan] D2
 [M. d. (Britt.) House]

[M. s. (Sw.) Hiern] W & J
[Tryphane rubella (Wahlenb.) Reichenb.]

MOEHRINGIA

lateriflora (L.) Fenzl
[Arenaria l. L.] D, GPF, H, HDH, P

PARONYCHIA

depressa (T. & G.) Nutt. ex A. Nels.
[P. d. var. d.] K, SCS
[P. d. var. brevicuspis (A. Nels.) Chaudhri] K, SCS
[P. d. var. diffusa (A. Nels.) Chaudhri] K, SCS
jamesii T. & G.
[P. j. var. j.] K, SCS
pulvinata Gray
[P. p. var. p.] K, SCS
[P. p. var. longiaristata Chaudhri] K, SCS
sessiliflora Nutt.

PSEUDOSTELLARIA

jamesiana (Torr.) W. A. Weber & R. L. Hartm.
[Stellaria j. Torr.] D, D2, H, HDH, K, P

SAGINA

decumbens (Elliott) T. & G.
var. decumbens
[S. d. ssp. d.] PLANTS
saginoides (L.) Karst.

SAPONARIA

officinalis L.

SILENE

acaulis (L.) Jacq.
var. subacaulescens (F. N. Williams) Fern. & St. John
[S. a. ssp. s. (F. N. Williams) Hitchc. & Maguire] HDH, W & J
[S. a. ssp. s. (F. N. Williams) Hult.] SCS
[S. a. var. subacaulis (F. N. Williams) Fern. & St. John] K
antirrhina L.
csereii Baumg.
dichotoma Ehrh.
drummondii Hook.
var. drummondii
[Lychnis d. (Hook.) Wats.] D, H, HDH
[L. d. var. d.] P
[L. d. var. kruckebergii Bocq.]
[Melandrium d. (Hook.) Hult.] W & J
var. striata (Rydb.) Bocq.
[L. d.]
[L. d. var. heterochroma Boivin] P

hitchguirei Bocq.

[*Lychnis apetala* L.] D

[*L. a. ssp. montana* (Wats.) Maquire] HDH

[*L. a. var. m.* (Wats.) C. L. Hitchc.] H, P

[*Melandrium a.* (L.) Fenzl] W & J

[*S. uralensis* (Rupr.) Bocq. ssp. *montana* (Wats.) McNeill] K, PLANTS, SCS
kingii (Wats.) Bocq.

[*Lychnis k.* Wats] HDH

[*Melandrium k.* (Wats.) Tolm.] W

latifolia Poir.

ssp. *alba* (Mill.) Greuter & Burdet

[*Lychnis a. P.* Mill.] D, H, HDH, P

[*Melandrium dioicum* (L.) Coss. & Germ.] W & J

[*S. alba* (P. Mill.) Krause] K

[*S. pratensis* (Raf.) Gren. & Godr.] GPF, SCS

menziesii Hook.

var. *menziesii*

[*S. m. ssp. m. var. m.*] K, PLANTS

var. *viscosa* (Greene) Hitchc. & Maguire

[*S. m. ssp. m. var. v.* (Greene) Hitchc. & Maguire] K, PLANTS

noctiflora L.

oregana Wats.

parryi (Wats.) Hitchc. & Maguire

pendula L.

Seed sown on roadside.

repens Patrin ex Pers.

var. *australe* (Hitchc. & Maguire) C. L. Hitchc.

[*S. r. ssp. a.* Hitchc. & Maguire] K, PLANTS, SCS

vulgaris (Moench) Garcke

[*S. cucubalus* Wibel]

SPERGULA

arvensis L.

SPERGULARIA

marina (L.) Griseb.

[*S. salina* J. & K. Presl. var. s.] PLANTS

media (L.) K. Presl ex Griseb.

[*S. maritima* (All.) Chiov.] PLANTS

rubra (L.) J. & K. Presl

STELLARIA

borealis Bigel.

ssp. *borealis*

[*S. calycantha* var. *simcoei* (Howell) Fern.]

[*S. s.* (Howell) C. L. Hitchc.] D, K, H, SCS, W & J

calycantha (Ledeb.) Bong.

[*S. borealis* Bigel.] HDH
[*S. c.* var. *bongardiana* (Fern.) Fern.]
[*S. c.* var. *sitchana* (Steud.) Fern.] P
[*S. s.* Steud.] D
crassifolia Ehrh.
crispa Cham. & Schlecht.
longifolia Muhl. ex Willd.
longipes Goldie
 var. *longipes*
 [S. *laeta* Richards.] W & J
 [S. *longipes* ssp. *longipes*] PLANTS
 [S. *longipes* Goldie var. *laeta* (Richards.) Wats.] HDH, K
media (L.) Vill.
monantha Hult.
 [S. *longipes* Goldie ssp. *l.*] PLANTS
 [S. *l.* var. *altocaulis* (Hult.) C. L. Hitchc.] H, P
obtusa Engelm.
umbellata Turcz. ex Karel. & Kir.

VACCARIA

hispanica (Mill.) Rauschert
 [Saponaria *vaccaria* L.] HDH
 [V. *pyramidalis* Medic.]
 [V. *p.* Dodoens ex Medik.] SCS
 [V. *segetalis* (Neck.) Garcke ex Asch.] GPF, H, P

CELASTRACEAE (CEL)

CELASTRUS

scandens L.

PAXISTIMA

myrsinites (Pursh) Raf.

[*Pachistima m.*]

CERATOPHYLLACEAE (CTP)

CERATOPHYLLUM

demersum L.

CHENOPodiaceae (CHN)

ATRIPLEX

- argentea* Nutt.
 ssp. *argentea*
 [A. a. var. a.]
canescens (Pursh) Nutt.
 var. *canescens*
 [A. c. ssp. c]
 var. *aptera* (A. Nels.) C. L. Hitchc.
 [A. x *aptera* A. Nels.] PLANTS
 [A. c. ssp. *aptera* (A. Nels.) Hall & Clem.]
confertifolia (Torr. & Frem.) Wats.
falcata (Jones) Standl.
 [A. *gordonii* (Moq.) D. Dietr.] D
 [A. *nuttallii* Wats. var. f. Jones] H
gardneri (Moq.) D. Dietr.
 var. *gardneri*
 [A. g.] PLANTS
 [A. *gordonii* (Moq.) D. Dietr.] D
 [A. *nuttallii* Wats.] GPF, H
 [A. n. ssp. n.] HDH
 [A. n. ssp. *gardneri* (Moq.) Hall & Clem.] HDH
 var. *utahensis* (Jones) Dorn
 [A. n. ssp. *tridentata* (Kuntze) Hall & Clem.] HDH
 [A. t. Kuntze] K, PLANTS, SCS
heterosperma Bunge
 [A. *micrantha* Ledeb.] PLANTS
hortensis L.
patula L.
 var. *patula*
 [A. p. ssp. p.] PLANTS
powellii Wats.
rosea L.
saccaria Wats.
subspicata (Nutt.) Rydb.
 [A. *hastata* L.] W & J
 [A. *patula* L.] WWS
 [A. p. ssp. h. (L.) Hall & Clem.] HDH
 [A. p. var. h. (L.) Gray] H
 [A. p. var. *triangularis* (Willd.) Thorne & Welsh] WU
 [A. t. Willd.] D, SCS
suckleyi (Torr.) Rydb.
 [A. *dioica* (Nutt.) Macbr.] D, H, HDH, P
 [*Endolepis* d. (Nutt.) Standl.] PLANTS, W & J
truncata (Torr. ex Wats.) Gray
 [A. t. (Torr.) Gray]

wolfii Wats.

BASSIA

hyssopifolia (Pall.) Kuntze

CHENOPODIUM

album L.

var. album

atrovirens Rydb.

[C. fremontii Wats. var. a. (Rydb.) Fosberg] H

berlandieri Moq.

var. zschackei (Murr) Murr ex Asch.

[C. album L.] H

[C. b. var. z. (Murr.) Murr. ex Graebn.] SCS

botrys L.

capitatum (L.) Asch.

[C. c. (L.) Ambrosi] PLANTS

desiccatum A. Nels.

[C. d. var. d.] HDH, K, W & J

[C. leptophyllum (Moq.) Wats. var. oblongifolium Wats.] H

fremontii Wats.

[C. f. var. f.] H, K

glaucum L.

var. glaucum

[C. g.] PLANTS

[C. g. ssp. g.] HDH, W & J

var. salinum (Standl.) Boivin

[C. g. ssp. salinum (Standl.) Aellen] HDH, W & J

[C. g. var. pulchrum Aellen] K

[C. s. Standl.] PLANTS

hians Standl.

leptophyllum (Moq.) Nutt. ex Wats.

[C. l. var. l.] H, W & J

[C. l. (Moq.) Wats.]

overi Aellen

[C. capitatum (L.) Asch.] D, H

[C. c. var. parvicapitatum Welsh] D2

pallescens Standl.

pratericola Rydb.

[C. desiccatum A. Nels. var. leptophylloides (Murr.) Wahl] K, P

[C. leptophyllum (Moq.) Wats. var. oblongifolium Wats.] H, W & J

rubrum L.

var. rubrum

[C. r.] PLANTS

var. glomeratum Wallr.

[C. botryodes Sm.] K

[C. chenopodioides (L.) Aellen] PLANTS
[C. c. var. degenerianum Aellen] W & J
[C. humile Hook.] SCS
[C. rubrum var. h. (Hook.) Wats.]
[C. r. f. h. (Hook.) Asch. & Graeb.] HDH
simplex (Torr.) Raf.
[C. hybridum L.] misapplied
[C. gigantospermum Aellen] HDH, K in part, P, SCS
strictum Roth
var. glaucophyllum (Aellen) Wahl
[C. s. ssp. g. (Aellen) Aellen] K
[C. s. ssp. g. (Aellen) Aellen & Just.] PLANTS
subglabrum (Wats.) A. Nels.
[C. leptophyllum (Moq.) Wats. var. s. Wats.] H
[C. l. var. ?] W & J
watsonii A. Nels.
[C. fremontii Wats. var. ?] H

CORISPERMUM

hyssopifolium L.
nitidum Kit. ex Schult.
[C. hyssopifolium L.] PLANTS
orientale Lam.
[C. emarginatum Rydb.] HDH
[C. hyssopifolium L.] D, H
[C. o. var. e. (Rydb. Macbr.) P
[C. villosum Rydb.] HDH

CYCLOLOMA

atricipicifolium (Spreng.) Coult.

GRAYIA

spinosa (Hook.) Moq.
[Atriplex s. (Hook.) Collotzi] H

HALOGETON

glomeratus (M.-Bieb.) C. A. Mey.

KOCHIA

americana Wats.
scoparia (L.) Schrad.
[K. iranica Bornm.] W, W & J
[K. s. var. s.] K, SCS

KRASCHENINNIKOVIA

lanata (Pursh) Meeuse & Smit
[Ceratooides l. (Pursh) J. T. Howell var. l.]
[Eurotia l. (Pursh) Moq.] H, HDH, P, SCS
[K. l. (Pursh) Guldenstaedt] PLANTS

MONOLEPIS

nuttalliana (Schult.) Greene

pusilla Torr. ex Wats.

[M. p. Torr.]

SALICORNIA

rubra A. Nels.

[*S. europaea* L. ssp. r. (A. Nels.) Breit.]

SALSOLA

australis R. Br.

[*S. iberica* Sennen & Pau] GPF, K, W & J

[*S. kali* L.] SCS

[*S. k. L.* var. *tenuifolia* Tausch.]

[*S. k.* ssp. *tragus* (L.) Celak.] PLANTS

collina Pall.

SARCOBATUS

vermiculatus (Hook.) Torr.

var. *vermiculatus*

SUAEDA

calceoliformis (Hook.) Moq.

[*S. depressa* (Pursh) Wats.] D, GPF, H

[*S. d.* var. *d.*] H, HDH, K, P, SCS, W & J

[*S. d.* var. *erecta* Wats.] HDH, K, P, SCS, W & J

nigra (Raf.) Macbr.

[*S. fruticosa* (L.) Forsk.] HDH, P

[*S. intermedia* Wats.] GPF, H, SCS?

[*S. moquinii* Torr.] WWS

[*S. m.* (Torr.) Greene] GPF, PLANTS

[*S. torreyana* Wats.] D, D2

[*S. t.* var. *t.*] K

occidentalis (Wats.) Wats.

[*S. calceoliformis* (Hook.) Moq.] PLANTS

SUCKLEYA

suckleyana (Torr.) Rydb.

ZUCKIA

brandegei (Gray) Welsh & Stutz ex Welsh

var. *plummeri* (Stutz & Sanders.) Dorn

[*Atriplex b.* (Gray) Collotzi] WWS

[*Grayia b.* Gray] D, HDH, K, SCS, W & J

CISTACEAE (CIS)

HELIANTHEMUM

bicknellii Fern.

LECHEA

intermedia Legg. ex Britt.
[L. i. var. i] K

COMMELINACEAE (CMM)

TRADESCANTIA

bracteata Small ex Britt. & Brown
occidentalis (Britt.) Smyth
var. *occidentalis*

CONVOLVULACEAE (CNV)

CALYSTEGIA

sepium (L.) R. Br.
var. *angulata* (Brumm.) N. Holmgren
[C. s. ssp. *americana* (Sims) Brumm.]
[C. s. ssp. *angulata* Brumm.] PLANTS
[*Convolvulus* s. L.] GPF, H, HDH, P

CONVOLVULUS

arvensis L.

CUSCUTA

approximata Bab.
var. *urceolata* (Kunze) Yunck.
[C. a.] C
epithymum L.
indecora Choisy
var. *neuropetala* (Engelm.) Hitchc.
[C. i.] C
[C. i. var. i.] SCS
[*Grammica* i. (Choisy) W. A. Weber ssp. n. (Engelm.) W. A. Weber] W & J
megalocarpa Rydb.
[C. *curta* (Engelm.) Rydb.] P
[C. *umbrosa* Beyr. ex Hook., misapplied]

occidentalis Millsp.

[C. *californica* Hook. & Arn. var. *breviflora* Engelm.] PLANTS
[C. *campestris* Yunck.] P
[*Grammica* o. (Millsp.) Hadac & Chrtek] W & J

plattensis A. Nels.

EVOLVULUS

nuttallianus Schult.
[E. n. Roem. & Schult.] C
[E. *pilosus* Nutt.] K, P, SCS

IPOMOEA
leptophylla Torr.

CORNACEAE (COR)

CORNUS
canadensis L.
var. canadensis
[C. c.] PLANTS
[Chamaepericlymenum c. (L.) Asch. & Graebn.] W & J
sericea L.
ssp. sericea
[C. stolonifera Michx.]
[C. stolonifera Michx. var. stolonifera] SCS
[Svida stolonifera (Michx.) Rydb.] W & J

CRASSULACEAE (CRS)

CRASSULA
aquatica (L.) Schoenl.
[Tillaea a. L.]
SEDUM
debile Wats.
integrifolium (Raf.) A. Nels.
ssp. integrifolium
[Rhodiola i. Raf.] W & J
[S. rosea (L.) Scop. var. i. (Raf.) Berger] H
lanceolatum Torr.
var. lanceolatum
[S. l. ssp. l.] PLANTS, SCS
[S. l. ssp. subalpinum (Blank.) Clausen] SCS
[S. l. var. s. (Blank.) Clausen]
[S. stenopetalum Pursh] HDH
rhodanthum Gray
[Clementsia r. (Gray) Rose] W & J
stenopetalum Pursh
var. stenopetalum
[S. s. ssp. s.] PLANTS

CROSSOSOMATACEAE (CRO)

FORSELLESIA

meionandra (Koehne) Heller

[*Glossopetalon spinescens* Gray var. m. (Koehne) Trel.] PLANTS

CUCURBITACEAE (CUC)

CUCURBITA

foetidissima H.B.K.

ECHINOCYSTIS

lobata (Michx.) T. & G.

CYPERACEAE (CYP)

CAREX

albonigra Mack.

alopecoidea Tuckerm.

aquatilis Wahlenb.

var. aquatilis

[C. a. var. altior (Rydb.) Fern.] Hermann, K, P

atherodes Spreng.

athrostachya Olney

atrata L.

var. chalciolepis (Holm) Kükenth

[C. a.] D

[C. c. Holm] HDH, P, W & J

[C. heteroneura W. Boott var. brevisquama F. J. Herm. This name not validly published] Hermann, K

[C. h. var. c. (Holm) F. J. Herm.] PLANTS

var. erecta Boott

[C. a.] D

[C. epapillosa Mack.] P, W & J

[C. heteroneura W. Boott var. epapillosa (Mack.) F. J. Herm.] PLANTS

[C. h. var. h.]

aurea Nutt.

[C. hassei Bailey]

backii Boott

var. backii

[C. b.] PLANTS

var. subrostrata (Bates) Dorn

[C. saximontana Mack.] PLANTS

bebbii (Bailey) Fern.

[C. b. Bellardi ex All.]

[C. b. (Bailey) Olney ex Fern.] SCS
bipartita All.
 [C. b. Bellardi ex All.]
 [C. b. All. var. b.] SCS
blanda Dewey
brevior (Dewey) Mack. ex Lunell
 [C. b. (Dewey) Mackenzie] PLANTS
breweri Boott
 var. paddeensis (Suksd.) Cronq.
 [C. brewerii Boott] D
 [C. engelmannii Bailey] PLANTS
brunnescens (Pers.) Poir.
 ssp. brunnescens
 [C. b.] SCS
buxbaumii Wahlenb.
canescens L.
 var. canescens
 [C. c. ssp. c.] PLANTS
 [C. c. ssp. c. var. c.]
 var. subloliacea (Laest.) Hartm.
 [C. c. ssp. c. var. s.]
 [C. c. var. s. Laest.] SCS
 [C. lapponica O. F. Lang] PLANTS
capillaris L.
 [C. c. ssp. c.]
 [C. c. ssp. chlorostachys (Stev.) Löve et al.]
capitata L.
 [C. arctogena H. Sm.]
 [C. c. ssp. c.] K
 [C. c. ssp. a. (H. Sm.) Hiltonen] K, W & J
 [C. c. ssp. a. (H. Sm.) Boecker] W & J
concinna R. Br.
crawei Dewey
cusickii Mack. ex Piper & Beattie
deweyana Schwein.
 var. deweyana
 var. bolanderi (Olney) Boott
 [C. b. Olney] PLANTS
diandra Schrank
disperma Dewey
douglasii Boott
ebenea Rydb.
eburnea Boott
echinata J. A. Murray

ssp. *echinata*
[*C. angustior* Mack.] Hermann, K, P, W & J
[*C. muricata* L.] C, D, H

egglestonii Mack.
elynoides Holm
emoryi Dewey
filifolia Nutt.
foenea Willd.
[*C. f.* var. *f.*] SCS
[*C. siccata* Dewey] C, H, HDH

foetida All.
var. *vernacula* (Bailey) Kükenth.
[*C. f.*]
[*C. v.* Bailey] PLANTS

geyeri Boott
granularis Muhl. ex Willd.
var. *haleana* (Olney) Porter

gravida Bailey
var. *gravida*

gynocrates Wormsk. ex Drej.
[*C. dioica* L. ssp. *g.* (Wormsk. ex Drej.) Hult.] W & J
[*C. d.* var. *g.* (Wormsk. ex Drej.) Ostenf.] C, H

haydeniana Olney
hoodii Boott
hystericina Muhl. ex Willd.
illota Bailey
incurviformis Mack.
var. *danaensis* (Stacey) F. J. Herm.

interior Bailey
jonesii Bailey
laeviculmis Meinh.
lanuginosa Michx.
lasiocarpa Ehrh.
lenticularis Michx.
var. *pallida* (Boott) Dorn
[*C. kelloggii* Boott] HDH, K, SCS, W & J
[*C. lenticularis* Michx.] C, D
[*C. l.* Michx. var. *l.*] H
[*C. l.* var. *lipocarpa* (Holm) L. Standl.] PLANTS

leporinella Mack.
leptalea Wahlenb.
limosa L.
livida (Wahlenb.) Willd.
var. *radicaulis* Paine

luzulina Olney
 var. *ablata* (Bailey) F. J. Herm.
 var. *atropurpurea* Dorn
macloviana Urv.
 [C. *arapahoensis* Clokey] D, P
microglochin Wahlenb.
microptera Mack.
 var. *microptera*
 [C. m.] PLANTS
 [C. m. var. *crassinervia* F. J. Herm] K, W & J
 [C. *festivella* Mack.] Hermann, HDH, K, P, SCS, W & J
 var. *limnophila* (F. J. Herm.) Dorn
 [C. *limnophila* F. J. Herm.]
 [C. m.] PLANTS
misandra R. Br.
nardina Fries
 [C. *hepburnii* Boott] Hermann, P
 [C. n. var. *h.* (Boott) Kükenth.]
nebrascensis Dewey
nelsonii Mack.
 [C. *nova* Bailey] C, H
neurophora Mack.
nigricans C. A. Mey.
norvegica Retz.
 var. *stevenii* (Holm) Dorn
 [C. *media* R. Br.] Hermann, P
 [C. n.] C, D, H
 [C. n. ssp. *s.* (Holm) Murr.] K?, W & J?
 [C. n. ssp. *s.* (Holm) E. Murr.] PLANTS
nova Bailey
 var. *nova*
 [C. n.] PLANTS
 var. *pelocarpa* (F. J. Herm.) Dorn
 [C. n.] C, D, H
 [C. p. F. J. Herm.] Hermann, P, PLANTS
obtusata Lilj.
occidentalis Bailey
oederi Retz.
 var. *recterostrata* (Bailey) Dorn
 [C. o.] C, D, H, D2
 [C. o. ssp. *recterostrata* (Victorin) Dorn] PLANTS, pro syn.
 [C. o. ssp. *viridula* (Michx.) Hult.] W & J
 [C. v. Michx. ssp. v.] PLANTS
 [C. v.]

oreocharis Holm
pachystachya Cham. ex Steud.
[C. macloviana Urv. ssp. p. (Cham. ex Steud.) Hult.] W & J
parryana Dewey
var. parryana
var. unica Bailey
[C. hallii Olney] PLANTS
[C. p. ssp. h. (Olney) D. Murr.] W & J
paupercula Michx.
[C. magellanica Lam. ssp. irrigua (Sm.) Hult.] W & J
[C. m. ssp. m.] PLANTS
[C. p.] SCS
[C. p. var. i. (Wahlenb.) Fern.]
paysonis Clokey
[C. spectabilis Dewey] C, D, H
[C. tolmiei Boott] P
peckii Howe
pensylvanica Lam.
var. digyna Boeck.
[C. heliophila Mack.]
[C. inops Bailey ssp. h. (Mack.) Crins] PLANTS
[C. p. Lam.] D
petasata Dewey
phaeocephala Piper
platylepis Mack.
[C. pachystachya Cham. ex Steud.] C, D, H
praceptorum Mack.
praegracilis W. Boott
praticola Rydb.
preslia Steud.
pyrenaica Wahlenb.
[C. p. ssp. p.]
raynoldssii Dewey
retrorsa Schwein.
richardsonii R. Br.
rosea Schkuhr ex Willd.
[C. flaccidula Boott] SCS
rossii Boott
[C. brevipes W. Boott]
rostrata Stokes
var. rostrata
[C. r.] PLANTS
[C. r. var. utriculata (Boott) Bailey]
[C. u. Boott] W & J

- rupestris* All.
 [C. drummondiana Dewey] HDH
 [C. r. ssp. d. (Dewey) Holub] W & J
 [C. r. var. d. (Dewey) Bailey]
sartwellii Dewey
 [C. s. var. s]
saxatilis L.
 var. *major* Olney
 [C. x *physocarpoides* Lepage] PLANTS
 [C. *physocarpa* Presl] HDH
 [C. s. ssp. *laxa* (Trautv.) Kalela] W & J
scirpoidea Michx.
 var. *scirpoidea*
 [C. s.] PLANTS
 var. *pseudoscirpoidea* (Rydb.) Cronq.
 [C. p. Rydb.] PLANTS
 [C. s.] C, D, H
 var. *scirpiformis* (Mack.) O'Neill & Duman
 [C. *scirpoidea*] PLANTS
scopulorum Holm
 var. *scopulorum*
 [C. *chimaphila* Holm] HDH
 [C. *gymnoclada* Holm] HDH
 [C. s. var. *bracteosa* (Bailey) F. J. Herm.]
 [C. s. var. c. (Holm) Kükenth.] Hermann, P
simulata Mack.
spectabilis Dewey
sprengelii Dewey ex Spreng.
stenophylla Wahlenb.
 [C. *duriuscula* C. A. Mey.] PLANTS
 [C. *eleocharis* Bailey]
 [C. s. ssp. e. (Bailery) Hult.] W & J
stenoptila F. J. Herm.
stipata Muhl. ex Willd.
 var. *stipata*
stricta Lam.
subnigricans Stacey
tenera Dewey
torreyi Tuckerm.
vallicola Dewey
 var. *vallicola*
vesicaria L.
 var. *vesicaria*
vulpinoidea Michx.

xerantica Bailey

CYPERUS

acuminatus Torr. & Hook. ex Torr.

[C. a. Torr. & Hook.]

aristatus Rottb.

var. aristatus

[C. inflexus Muhl.] W & J

[C. squarrosum L.] PLANTS

erythrorhizos Muhl.

rivularis Kunth

[C. bipartitus Torr.] PLANTS

schweinitzii Torr.

[Maricus s. (Torr.) Koyama] W & J

ELEOCHARIS

acicularis (L.) R. & S.

[E. a. var. a.]

flavescens (Poir.) Urban

var. thermalis (Rydb.) Cronq.

ovata (Roth) R. & S.

[E. obtusa (Willd.) Schult. var. ovata (Roth) Drap. & Mohlen.] K

palustris (L.) R. & S.

[E. macrostachya Britt.] GPF, HDH, K, P, SCS, W & J

parvula (R. & S.) Link ex Bluff & Fingerh.

[E. p. (L.) Link ex Bluff, Nees, & Schauer]

[E. p. (R. & S.) Link ex Bluff, Nees & Schauer] PLANTS

pauciflora (Lightf.) Link

[E. p. var. p.] SCS

[E. quinqueflora (F. X. Hartm.) Schwarz] D2, PLANTS, W & J

rostellata (Torr.) Torr.

tenuis (Willd.) Schult.

var. borealis (Svens.) Gleason

[E. elliptica Kunth] PLANTS

[E. e. Kunth var. e] K

ERIOPHORUM

callitrix Cham. ex C. A. Mey.

var. callitrix

chamissonis C. A. Mey.

gracile Koch

var. gracile

polystachion L.

[E. angustifolium Honck.] P

[E. a. ssp. a.] SCS in part

[E. a. ssp. scabriuscum Hult.] W & J

[E. a. ssp. subarcticum (Vassil.) Hult. var. subarcticum] K

[*E. a.* ssp. *subarcticum* (Vassil.) Hult. ex Kartesz & Gandhi var. *majus* F. W. Schultz] PLANTS

scheuchzeri Hoppe

[*E. altaicum* Meinh. var. *neogaeum* Raymond] W & J
viridicarinatum (Engelm.) Fern.

HEMICARPHA

drummondii Nees

[*H. aristulata* (Cov.) Smyth] SCS in part

[*H. micrantha* (Vahl) Britt. var. *a*. Cov.]

[*Lipocarpha drummondii* (Nees) G. Tucker] PLANTS

KOBRESIA

bellardii (All.) Degl.

[*K. b.* (All.) Degl. ex Loisel.]

[*K. myosuroides* (Vill.) Fiori & Paol.] K, P, SCS, W & J

[*K. m.* (Vill.) Fiori] PLANTS

sibirica Turcz.

[*K. b.* (All.) Degl. ex Loisel. var. *macrocarpa* (Clokey ex Mack.) Harrington] HDH

[*K. m.* Clokey ex Mack.]

[*K. s.* (Turcz. ex Ledeb.) Boeckl.] PLANTS

simpliciuscula (Wahlenb.) Mack.

SCIRPUS

acutus Muhl. ex Bigel.

[*Schoenoplectus a.* (Muhl. ex Bigelow) A. & D. Löve var. *a.*] PLANTS

[*Schoenoplectus lacustris* (L.) Pall. ssp. *a.* (Muhl. ex Bigel.) Löve & Löve]

americanus Pers.

[*Schoenoplectus a.* (Pers.) Volk. ex Schinz & R. Keller] PLANTS

[*Scirpus olneyi* Gray ex Engelm. & Gray] H, P

atrocinctus Fern.

[*Trichophorum a.* (Fern.) Löve & Löve]

heterochaetus Chase

[*Schoenoplectus h.* (Chase) Soják] PLANTS

maritimus L.

var. *paludosus* (A. Nels.) Kükenth.

[*Bolboschoenus m.* (L.) Palla] PLANTS

[*B. m.* (L.) Pall. ssp. *p.* (A. Nels.) Löve & Löve] W & J

[*B. p.* (A. Nels.) Soo] W & J

[*S. m.*] K

[*S. p.* A. Nels.] HDH, P

[*S. robustus* Pursh] SCS

microcarpus J. & K. Presl

[*S. m.* ssp. *rubrotinctus* (Fern.) Löve & Löve]

[*S. m.* var. *r.* (Fern.) Jones] GPF

[*S. r.* Fern.] HDH

nevadensis Wats.

[*Amphiscirpus* n. (Wats.) Oteng. Yeboah] W & J
pallidus (Britt.) Fern.
[*S. atrovirens* Willd. var. *p.* Britt.] GPF
pumilus Vahl
[*Baeothryon* *p.* (Vahl) Löve & Löve] W & J
[*S. rollandii* Fern.] SCS
[*Trichophorum pumilum* (Vahl) Schinz & Thellung] PLANTS
pungens Vahl
var. *polyphyllus* Boeck.
[*Schoenoplectus pungens* (Vahl) Palla var. *pungens*] PLANTS
[*Scirpus americanus* Auct. var. *polyphyllus* (Boeckl.) Beetle] GPF?, HDH, P, W & J?
saximontanus Fern.
validus Vahl
[*Schoenoplectus tabernaemontani* (K. C. Gmel.) Palla] PLANTS
[*Scirpus lacustris* L. ssp. *v.* (Vahl) Koyama] W & J
[*Scirpus tabernaemontanii* K. C. Gmel.] K

DIPSACACEAE (DPS)

DIPSACUS
fullonum L.
[*D. sylvestris* Huds.] C, GPF, H, HDH, P, SCS in part, W & J
KNAUTIA
arvensis (L.) Coult.
[*K. a.* (L.) Duby] SCS

DROSERACEAE (DRS)

DROsera
anglica Huds.
[*D. longifolia* L.] SCS

ELAEAGNACEAE (ELE)

ELAEAGNUS
angustifolia L.
commutata Bernh. ex Rydb.
SHEPHERDIA
argentea (Pursh) Nutt.
canadensis (L.) Nutt.

ELATINACEAE (ELT)

ELATINE

triandra Schkuhr

ERICACEAE (ERI)

ARCTOSTAPHYLOS

alpina (L.) Spreng.

var. *rubra* (Rehd. & Wilson) Bean

[*A. r.* (Rehd. & Wilson) Fern.] K, PLANTS

[*Arctous r.* (Rehd. & Wilson) Nakai] D2

uva-ursi (L.) Spreng.

var. *uva-ursi*

[*A. u.*] PLANTS

[*A. u.* ssp. *u.*]

var. *adenotricha* Fern. & Macbr.

[*A. a.* (Fern & Macbr.) Löve et al.] D

[*A. u.*] PLANTS

[*A. u.* ssp. *a.* (Fern. & Macbr.) Calder & Taylor]

var. *stipitata* (Packer & Denford) Dorn

[*A. u.*] PLANTS

[*A. u.* ssp. *coactilis* (Fern. & Macbr.) Löve et al.] W & J?

[*A. u.* ssp. *s.* Packer & Denford]

[*A. u.* var. *c.* Fern. & Macbr.] HDH?, SCS?

CHIMAPHILA

umbellata (L.) Barton

var. *occidentalis* (Rydb.) Blake

[*C. u.* ssp. *o.* (Rydb.) Hult.] K, PLANTS, W & J

GAULTHERIA

humifusa (Grah.) Rydb.

KALMIA

microphylla (Hook.) Heller

var. *microphylla*

[*K. m.*] PLANTS

[*K. polifolia* Wang. ssp. *m.* (Hook.) Calder & Taylor] W & J

[*K. p.* var. *m.* (Hook.) Rehd.] H, HDH

LEDUM

glandulosum Nutt.

var. *glandulosum*

[*L. g.*] PLANTS

MENZIESIA

ferruginea Sm.

[M. f. var. f.]

MONESES

uniflora (L.) Gray

var. *uniflora*

[M. u. ssp. u.] PLANTS

[*Pyrola* u. L.] H, SCS

MONOTROPA

hypopithys L.

[*Hypopitys monotropa* Crantz]

[M. h. var. *latisquama* (Rydb.) Kearn. & Peeb.] HDH, W & J

ORTHILIA

secunda (L.) House

[O. s. ssp. s.] K

[O. s. ssp. *obtusata* (Turcz.) Böcher] K

[*Pyrola* s. L.]

[P. s. var. s.] H, SCS

[P. s. var. o. Turcz.] H, SCS

[*Ramischia* s. (L.) Garcke] W & J

PHYLLODOCE

empetrichiformis (Sw.) D. Don

[P. e. (Sm.) D. Don] PLANTS

glanduliflora (Hook.) Cov.

× *intermedia* Hook.

[P. *empetrichiformis* × *glanduliflora*]

[P. x i. (Hook.) Rydb.] PLANTS

PTEROSPORA

andromedea Nutt.

PYROLA

asarifolia Michx.

var. *asarifolia*

[P. a. ssp. a.] PLANTS

[P. a. var. *purpurea* (Bunge) Fern.] H, HDH, K, SCS, W & J

chlorantha Sw.

var. *chlorantha*

[P. c.] PLANTS

[P. *virens* Schweigg.] P, H

elliptica Nutt.

minor L.

picta Sm.

var. *picta*

[P. p. Sm.] PLANTS

var. *dentata* (Sm.) Dorn

[P. p. Sm.] PLANTS

VACCINIUM

- cespitosum Michx.
globulare Rydb.
[V. membranaceum Dougl. ex Torr.] PLANTS
membranaceum Dougl. ex Torr.
myrtillus L.
var. oreophilum (Rydb.) Dorn
[V. m. ssp. oreophyllum (Rydb.) Löve et al.]
[V. m.] SCS
occidentale Gray
[V. uliginosum L.] PLANTS
[V. u. ssp. o. (Gray) Hult.] K
scoparium Leib. ex Cov.

EUPHORBIACEAE (EUP)

CROTON

texensis (Klotzsch) Muell.-Arg.

EUPHORBIA

- agraria M.-Bieb.
[E. podperae Croizat] K?
brachycera Engelm.
var. robusta (Engelm.) Dorn
[E. r. (Engelm.) Small] PLANTS
cyparissias L.
dentata Michx.
[E. d. var. d.] W & J, HDH
[E. d. var. cuphosperma Engelm.] HDH, W & J
[Poinsettia d. (Michx.) Klotzsch & Garcke] K
esula L.
var. esula
var. uralensis (Fisch. ex Link) Dorn
exstipulata Engelm.
var. exstipulata
fendleri T. & G.
[Chamaesyce f. (T. & G.) Small] K, PLANTS, W & J
[E. f. var. f.] SCS
geyeri Engelm.
var. geyeri
[Chamaesyce g. (Engelm.) Small] K, W & J
[C. g. var. g.] PLANTS
glyptosperma Engelm.
[Chamaesyce g. (Engelm.) Small] K, PLANTS, W & J

helioscopia L.
hexagona Nutt. ex Spreng.
maculata L.
[Chamaesyce m. (L.) Small] K, PLANTS
[E. supina Raf.]
marginata Pursh
[Agaloma m. (Pursh) Löve & Löve] W & J
missurica Raf.
var. petaloidea (Engelm.) Dorn
[Chamaesyce m. (Raf.) Shinners] K, PLANTS, W & J
[E. m. var. intermedia (Engelm) Wheeler]
serpens H.B.K.
[Chamaesyce s. (Kunth) Small] K, PLANTS, W & J
serpyllifolia Pers.
var. serpyllifolia
[Chamaesyce s. (Pers.) Small] K, W & J
[Chamaesyce s. (Pers.) Small ssp. s.] PLANTS
[E. s. var. s.] SCS
spathulata Lam.
[E. dictyosperma Fisch. & Mey.] HDH, p
stictospora Engelm.
[Chamaesyce s. (Engelm.) Small] K, PLANTS, W & J
[E. m. L.] GPF, WU

FABACEAE (FAB)

AMORPHA

canescens Pursh
fruticosa L.
[A. f. var. angustifolia Pursh]

ASTRAGALUS

adsurgens Pall.
var. robustior Hook.
[A. a. ssp. r. (Hook.) Welsh] SCS
[A. striatus Nutt. ex T. & G.] H, HDH
[A. sulphurescens Rydb.] HDH
agrestis Dougl. ex G. Don
[A. dasylottis Fisch. ex DC.] H, W & J
alpinus L.
var. alpinus
americanus (Hook.) Jones
aretioides (Jones) Barneby
[A. sericoleucus Gray] D

[A. s. Gray var. a. Jones] D2, HDH
argophyllus Nutt.
 var. *argophyllus*
 var. *martinii* Jones
 [A. a. var. *pephragmenoides* Barneby] H, HDH
australis (L.) Lam.
 var. *glabriusculus* (Hook.) Isely
 [A. *aboriginorum* Richards.]
 [A. *aboriginorum* var. *aboriginorum* Richard.] HDH, W & J
 [A. *aboriginorum* var. g. (Hook.) Rydb.] H, HDH, W & J
 [A. *australis* Fisch.] SCS
 [A. *australis* (L.) Lam.] PLANTS
barrii Barneby
bisulcatus (Hook.) Gray
 var. *bisulcatus*
 [A. *diholcos* Tidestr.] HDH
 var. *haydenianus* (Gray) Barneby
 [A. b. var. h. (Gray ex Brand) Barneby]
 [A. h. Gray ex Brand] HDH
 var. *major* (Jones) Welsh
bodinii Sheld.
calykosus Torr. ex Wats.
 var. *calykosus*
canadensis L.
 var. *canadensis*
 var. *brevidens* (Gand.) Barneby
 [A. c. var. *mortonii* (Nutt.) Wats.] HDH, SCS, W & J
ceramicus Sheld.
 var. *filifolius* (Gray) F. J. Herm.
 [A. c. var. *imperfectus* Sheld.] HDH
chamaeleuce Gray
 var. *chamaleuce*
cibarius Sheld.
cicer L.
coltonii Jones
 var. *moabensis* Jones
convallarius Greene
 var. *convallarius*
 [A. *convallarius*]
 [A. *diversifolius* Gray] D, HDH, D2
 [A. d. ssp. *campestris* (Nutt.) Dorn var. *campestris* (Nutt.) Dorn]
crassicarpus Nutt.
 var. *crassicarpus*
 var. *paysonii* (Kelso) Barneby

[A. succulentus Richards.] HDH
diversifolius Gray
[A. d. ssp. diversifolius] D2
[A. convallarius]
drabelliformis Barneby
drummondii Dougl. ex Hook.
eucosmus Robins.
[A. e. ssp. e.] SCS
flavus Nutt.
[A. f. var. f.]
[A. confertiflorus Gray var. flaviflorus (Kuntze) Jones] HDH
flexuosus (Hook.) Dougl. ex G. Don
var. flexuosus
geyeri Gray
var. geyeri
gilviflorus Sheld.
var. gilviflorus
var. purpureus Dorn
gracilis Nutt.
[A. parviflorus (Pursh) MacM.] HDH
grayi Parry ex Wats.
hyalinus Jones
jejonus Wats.
var. jejonus
var. articulatus Dorn
kentrophyta Gray
var. kentrophyta
var. elatus Wats.
var. jessiae (Peck) Barneby
[A. k. var. k] H, W & J
var. tegetarius (Wats.) Dorn
[A. k. var. implexus (Canby) Barneby]
[A. k. var. i. (Canby ex Porter & Coult.) Barneby] SCS
[A. t. Wats.] H, HDH
lentiginosus Dougl. ex Hook.
var. chartaceus Jones
[A. l. var. platyphyllidius (Rydb.) Peck]
var. salinus (Howell) Barneby
leptaleus Gray
lotiflorus Hook.
megacarpus (Nutt.) Gray
miser Dougl.
var. decumbens (Nutt. ex T. & G.) Cronq.
[A. d. (Nutt. ex T. & G.) Gray var. d.] HDH

[A. m. Dougl. ex Hook. var. d. (Nutt.) Cronq.]
var. *hylophilus* (Rydb.) Barneby
[A. *decumbens* (Nutt. ex T. & G.) Gray var. *oblongifolius* (Rydb.) Cronq.] HDH
var. *oblongifolius* (Rydb.) Cronq.
[A. *decumbens* (Nutt. ex T. & G.) Gray var. o.] HDH
var. *praeteritus* Barneby
var. *tenuifolius* (Nutt.) Barneby
missouriensis Nutt.
 var. *missouriensis*
mollissimus Torr.
 var. *mollissimus*
nelsonianus Barneby
 [A. *pectinatus* (Hook.) Dougl. ex G. Don var. *platyphyllus* Jones]
oreganus Nutt.
parryi Gray
paysonii (Rydb.) Barneby
pectinatus (Hook.) Dougl. ex G. Don
 [A. p. var. p.]
plattensis Nutt.
proimanthus Barneby
pubentissimus T. & G.
 [A. p. var. p.] SCS
purshii Dougl. ex Hook.
 var. *purshii*
racemosus Pursh
 var. *racemosus*
 var. *longisetus* Jones
 var. *treleasei* C. L. Porter
robbinsii (Oakes) Gray
 var. *minor* (Hook.) Barneby
 [A. *occidentalis* (Wats.) Jones] HDH
 [A. r. var. o. Wats.] H
sericoleucus Gray
shortianus Nutt.
shultziorum Barneby
 [A. *molybdenus* Barneby] D2, PLANTS
simplicifolius (Nutt.) Gray
spatulatus Sheld.
tenellus Pursh
terminalis Wats.
tibetanus Benth. ex Bunge
tridactylicus Gray
 [A. *sericoleucus* Gray var. t. (Gray) Jones] K?
utahensis (Torr.) T. & G.

- vexilliflexus Sheld.
 var. vexilliflexus
- CARAGANA
 arborescens Lam.
- CICER
 arietinum L.
- CORONILLA
 varia L.
- DALEA
 aurea Nutt. ex Pursh
 candida Michx.
 var. oligophylla (Torr.) Shinners
 [D. c. Willd. var. o.] PLANTS
 [Petalostemon candidum Michx.] H
 [P. candidus Michx. var. o. (Torr.) Hermann] HDH
 [P. occidentale (Heller ex Britt. & Kearn.) Fern.] D
 cylindriceps Barneby
 [D. compacta Spreng.] W & J
 [Petalostemon compactum (Spreng.) Swezey] D
 [P. compactus (Spreng.) Swezey] HDH
 enneandra Nutt.
 [D. laxiflora Pursh] W & J
- purpurea Vent.
 var. purpurea
 [Petalostemon p. (Vent.) Rydb.] D, H
 [P. p. var. p.] HDH
- villosa (Nutt.) Spreng.
 var. villosa
 [Petalostemon villosus Nutt.] HDH
- GLEBITSIA
 triacanthos L.
- GLYCYRRHIZA
 lepidota Nutt. ex Pursh
 var. lepidota
 [G. l.] PLANTS
 var. glutinosa (Nutt.) Wats.
 [G. l.] PLANTS, SCS
- HEDYSARUM
 alpinum L.
 var. americanum Michx.
 [H. alpinum var. philoscia (A. Nels.) Roll.] H, K, SCS
- boreale Nutt.
 var. boreale
 [H. b. ssp. b. var. b.] K, PLANTS, SCS

- [H. b. ssp. b. var. cinerascens (Rydb.) Roll.]
var. pabulare (A. Nels.) Dorn
[H. b. ssp. b. var. b.] PLANTS
[H. b. ssp. b. var. cinerascens (Rydb.) Roll.]
occidentale Greene
[H. o. var. o.]
sulphurescens Rydb.
- LATHYRUS**
- lanszwertii Kellogg
var. lanszwertii
[L. l. ssp. l.] K
var. leucanthus (Rydb.) Dorn
[L. lanszwertii Kellogg var. laetivirens (Greene ex Rydb.) Welsh] SCS
[L. leucanthus Rydb. var. leucanthus]
[L. leucanthus var. laetivirens (Greene ex Rydb.) C. L. Hitchc.]
- latifolius L.
ochroleucus Hook.
polymorphus Nutt.
var. polymorphus
[L. p. ssp. p. var. p.] PLANTS
var. incanus (Sm. & Rydb. ex Rydb.) Dorn
[L. p. ssp. i. (Sm. & Rydb.) C. L. Hitchc.] PLANTS
- sylvestris L.
- LOTUS**
- corniculatus L.
unifoliolatus (Hook.) Benth.
[L. purshianus (Benth.) Clem. & Clem. var. purshianus]
[L. u. var. u.] PLANTS
- LUPINUS**
- argenteus Pursh
var. argenteus
[L. a. ssp. a. var. a.] PLANTS
[L. a. ssp. a. var. tenellus (Dougl. ex G. Don) Dunn] K, SCS, W & J
[L. a. ssp. spathulatus (Rydb.) Hess & Dunn] K, SCS, W & J
var. argophyllus (Gray) S. Wats.
[L. aduncus Greene] HDH
[L. caudatus Kellogg] D, GPF, H
[L. c. ssp. argophyllus (Gray) Phillips] K, PLANTS, SCS, W & J, WWS
[L. c. ssp. c.] K, SCS, W & J
[L. c. var. argophyllus (Gray) Welsh]
var. depressus (Rydb.) C. L. Hitchc.
[L. d. Rydb.] K?, PLANTS, SCS
[L. monticola Rydb.] SCS
var. laxiflorus (Dougl. ex Lindl.) Dorn

- [L. arbustus Dougl. ex Lindl.] D
 [L. argenteus ssp. argenteus var. l.] PLANTS
 var. rubricaulis (Greene) Welsh
 [L. argenteus ssp. r. (Greene) Hess & Dunn] K, PLANTS, SCS, W & J
 [L. argenteus var. parviflorus (Nutt. ex H. & A.) C. L. Hitchc.] D2
 [L. x alpestris A. Nels.] PLANTS
 [L. alpestris A. Nels.] K, SCS, W & J
 [L. p. Nutt. ex H. & A.] HDH, PLANTS
 [L. p. ssp. p.] K, SCS
lepidus Dougl. ex Lindl.
 var. utahensis (Wats.) C. L. Hitchc.
 [L. caespitosus Nutt. ex T. & G. var. c.]
 [L. c. var. u. (Wats.) Cox] PLANTS
 [L. l. ssp. c. (Nutt.) Detl.]
leucophyllus Dougl. ex Lindl.
 [L. l. ssp. l. var. l.]
plattensis Wats.
polyphyllus Lindl.
 var. humicola (A. Nels.) Barneby
 [L. wyethii Wats.]
 [L. w. ssp. tetonensis (E. Nels.) Cox & Dunn] D2
 [L. w. ssp. w.] PLANTS
 var. prunophilus (Jones) L. Phillips
 [L. prunophilus M. E. Jones] PLANTS
pusillus Pursh
 var. *pusillus*
 [L. p. ssp. p.] K, PLANTS, SCS, W & J
 var. *intermontanus* (Heller) C. P. Sm.
 [L. p. ssp. i. (Heller) Dunn] K, PLANTS, SCS
sericeus Pursh
 [L. s. ssp. s. var. *egglestonianus* C. P. Sm.] K, SCS
 [L. s. ssp. s. var. *flexuosus* (Lindl. ex J. G. Ag.) C. P. Sm.] K, SCS
 [L. s. ssp. s. var. *maximus* C. P. Sm. ex Fleak & Dunn] K, SCS
 [L. s. ssp. s. var. s.] K, SCS
MEDICAGO
falcata L.
 [M. sativa L. ssp. f. (L.) Arcang.] PLANTS
lupulina L.
polymorpha L.
 [M. hispida Gaertn.]
sativa L.
 [M. s. ssp. s.] PLANTS
MELILOTUS
albus Medic.

- [M. alba Desr.] HDH, W & J
- [M. alba Medikus] PLANTS
- [M. alba Medic. var. alba] K
- [M. alba Medic. var. annua Coe] K
- [M. albus Desr.] GPF
- [M. officinalis (L.) Lam.] PLANTS
- officinalis (L.) Pall.
 - [M. o. (L.) Lam.] GPF, HDH, PLANTS, SCS, W & J
- ONOBRYCHIS**
- viciifolia Scop.
 - [O. viciaefolia Scop.]
- OXYTROPIS**
- besseyi (Rydb.) Blank.
 - var. besseyi
 - [O. nana Nutt. var. b. (Rydb.) Isley] PLANTS
 - var. fallax Barneby
 - [O. b. var. b.] SCS
 - [O. nana Nutt. var. f. (Barneby) Isley] PLANTS
 - var. obnapiformis (C. L. Porter) Welsh
 - [O. nana Nutt. var. o. (C. L. Porter) Isley] PLANTS
 - [O. obnapiformis C. L. Porter]
 - var. ventosa (Greene) Barneby
 - [O. b. var. b.] SCS
 - [O. nana Nutt. var. v. (Greene) Isley] PLANTS
 - campestris (L.) DC.
 - var. cusickii (Greenm.) Barneby
 - var. gracilis (A. Nels.) Barneby
 - [O. c. var. cusickii (Greenm.) Barneby] SCS
 - [O. c. var. glabrata Hook.] HDH
 - [O. monticola Gray] PLANTS
 - deflexa (Pall.) DC.
 - var. foliolosa (Hook.) Barneby
 - [O. d. var. d.] SCS
 - var. sericea T. & G.
 - lagopus Nutt.
 - var. lagopus
 - var. atropurpurea (Rydb.) Barneby
 - lambertii Pursh
 - var. lambertii
 - [O. l. var. bigelovii Gray] D2
 - multiceps Nutt.
 - nana Nutt.
 - [O. n. var. n.] PLANTS
 - parryi Gray

- podocarpa* Gray
riparia Litv.
sericea Nutt.
 var. *sericea*
 var. *spicata* (Hook.) Barneby
 [O. *sericea* Nutt.] SCS
splendens Dougl. ex Hook.
viscida Nutt.
 var. *viscida*
 [O. *borealis* DC. var. v. (Nutt.) Welsh] PLANTS
- PEDIOMELUM**
- argophyllum* (Pursh) Grimes
 [Psoralea a. Pursh]
digitatum (Nutt. ex T. & G.) Isely
 [Psoralea d. Nutt. ex T. & G.]
esculentum (Pursh) Rydb.
 [Psoralea e. Pursh]
hypogaeum (Nutt. ex T. & G.) Rydb.
 var. *hypogaeum*
 [Psoralea h. Nutt. ex T. & G. var. h.]
linearifolium (T. & G.) Grimes
 [Psoralea l. T. & G.]
- PSORALIDIUM**
- lanceolatum* (Pursh) Rydb.
 [Psoralea l. Pursh var. l.]
tenuiflorum (Pursh) Rydb.
 [Psoralea t. Pursh var. t.]
- ROBINIA**
- pseudoacacia* L.
- SOPHORA**
- nuttalliana* Turner
 [S. *sericea* Nutt.] HDH
- SPHAEROPHYSA**
- salsula* (Pall.) DC.
 [Swainsona s. (Pall.) Taub.] H, HDH
- THERMOPSIS**
- montana* Nutt.
 var. *montana*
 [T. *rhombifolia* (Nutt. ex Pursh) Nutt. ex Richards. var. m. (Nutt.) Isely] PLANTS,
 SCS
 var. *divaricarpa* (A. Nels.) Dorn
 [T. d. A. Nels.] PLANTS
 [T. *montana* Nutt.] D
 [T. *rhombifolia* (Nutt. ex Pursh) Nutt. ex Richards. var. d. (A. Nels.) Isely] SCS

rhombifolia (Nutt. ex Pursh) Nutt. ex Richards.

var. *rhombifolia*

[*T. r.* var. *arenosa* (A. Nels.) Larisse] K

var. *annulocarpa* (A. Nels.) L. O. Williams

[*T. r.*] PLANTS

[*T. r.* var. *r.*] K

TRIFOLIUM

andinum Nutt.

var. *andinum*

barnebyi (Isely) Dorn & Lichvar

[*T. haydenii* Porter var. *b.* Isely] PLANTS

dasyphyllum T. & G.

[*T. d.* ssp. *d.*] K, SCS

[*T. d.* ssp. *anemophilum* (Greene) Martin ex Isely] D2

[*T. d.* ssp. *uintense* (Rydb.) J. Gillett] K, SCS

[*T. d.* var. *d.*]

[*T. d.* var. *a.* (Greene) J. Gillett] K, SCS

[*T. d.* var. *u.* (Rydb.) Martin ex Isely] D2

fragiferum L.

gymnocarpon Nutt.

[*T. g.* ssp. *g.*] K, SCS

[*T. g.* ssp. *plummerae* (Wats.) J. S. Martin]

[*T. g.* var. *g.*]

[*T. g.* var. *p.* (Wats.) J. Gillett] K, SCS

[*T. g.* var. *subacaulescens* (Gray) A. Nels.] HDH, W & J

haydenii Porter

[*T. h.* var *h.*] PLANTS

hybridum L.

longipes Nutt.

var. *reflexum* A. Nels.

[*T. l.* ssp. *r.* (A. Nels.) J. Gillett] K, PLANTS, SCS, W & J

nanum Torr.

parryi Gray

[*T. p.* ssp. *montanense* (Rydb.) Welsh]

[*T. p.* ssp. *p.*] K, SCS, W & J

[*T. p.* var. *m.* (Rydb.) J. Gillett] K, SCS

[*T. p.* var. *p.*]

pratense L.

var. *pratense*

[*T. p.*] PLANTS

repens L.

wormskjoldii Lehm.

var. *wormskjoldii*

[*T. fendleri* Greene] HDH

[*T. wormskioldii* Lehm.] PLANTS
VICIA
 americana Muhl. ex Willd.
 var. *americana*
 [V. a.] D, DMT, HDH, W & J, WWS
 [V. a. ssp. a.] K, PLANTS
 [V. a. var. *oregana* (Nutt.) A. Nels.]
 [V. a. var. *truncata* (Nutt.) Brew.] H
 var. *minor* Hook.
 [V. a.] D, DMT, HDH, W & J, WWS
 [V. a. ssp. m. (Hook.) Gunn] K, PLANTS
 villosa Roth
 [V. v. var. v.]
 [V. v. var. *varia* (Host.) Corb.]

FAGACEAE (FAG)

QUERCUS
 gambelii Nutt.
 [*Q. vreelandii* Rydb.] HDH
 macrocarpa Michx.

FUMARIACEAE (FUM)

CORYDALIS
 aurea Willd.
 var. *aurea*
 [C. a. ssp. a.] K, PLANTS, W & J
 var. *occidentalis* Engelm. ex Gray
 [C. a. ssp. o. (Engelm.) G. Ownbey] K, W & J
 [C. a. ssp. o. (Engelm. ex Gray) G. B. Ownbey] PLANTS
 [C. a. var. o. Engelm.]

DICENTRA

uniflora Kellogg

FUMARIA

officinalis L.

 var. *wirtgenii* (Koch) Hausskn.
 [F. o. ssp. w. (W. D. J. Koch) Arcang.] PLANTS

GENTIANACEAE (GEN)

CENTAURIUM

exaltatum (Griseb.) Wight ex Piper
pulchellum (Sw.) Druce ex Robins. & Fern.
[C. p. (Sw.) Druce] PLANTS

EUSTOMA

grandiflorum (Raf.) Shinners
[E. russelianum (Hook.) G. Don] PLANTS
[E. r. (Hook.) G. Don ex Sweet] HDH

FRASERA

speciosa Dougl. ex Griseb.
[Swertia radiata (Kellogg) Kuntze] HDH, SCS

GENTIANA

affinis Griseb.
var. affinis
[G. a.] PLANTS
[G. a. var. forwoodii (Gray) Kusnez.]
[G. a. var. major Nels. & Macbr.]
[G. f. Gray] HDH
[Pneumonanthe a. (Griseb.) Greene] W & J
var. bigelovii (Gray) Kusnez.
[G. affinis Griseb.] D, GPF, H?, K, PLANTS, SCS
[G. b. Gray]
[Pneumonanthe a. (Griseb.) Greene] W & J

algida Pall.

[G. romanovii Ledeb.] HDH
[Gentianodes a. (Pall.) Löve & Löve] W & J

aquatica L.

[Chondrophylla a. (L.) W. A. Weber]
[Ciminalis fremontii (Torr.) W. A. Weber] W & J?
[G. f. Torr.] HDH, PLANTS

calycosa Griseb.

[Pneumonanthe c. (Griseb.) Greene] W & J

nutans Bunge

[Chondrophylla n. (Bunge) W. A. Weber]

parryi Engelm.

[G. affinis Griseb.] D, H
[Pneumonanthe calycosa (Griseb.) Greene] W & J
[G. fremontii Torr.] H

GENTIANELLA

amarella (L.) Börner
var. amarella

- [*Gentiana* a. L.] H
 - [*Gentiana plebeja* Cham. ex Bunge] HDH
 - [*Gentiana strictiflora* (Rydb.) A. Nels.] HDH
 - [*Gentianella* a. ssp. *acuta* (Michx.) J. Gillett] K, SCS
 - [*Gentianella* a. (L.) Boerner ssp. *acuta*] PLANTS
 - [*Gentianella acuta* (Michx.) Hiit.]
 - var. *heterosepala* (Engelm.) Dorn
 - [*Gentiana* h. Engelm.] HDH
 - [*Gentianella amarella* (L.) Börner] D, H
 - [*Gentianella* a. ssp. h. (Engelm.) J. Gillett] K, SCS
 - [*Gentianella* a. (L.) Boerner ssp. h. (Engelm.) J. Gillett] PLANTS
 - [*Gentianella* h. (Engelm.) Dorn] D
 - propinqua* (Richards.) J. Gillett
 - var. *propinqua*
 - [*Gentiana* p. Richards.] H
 - [*Gentianella* p. ssp. p.] PLANTS
 - tenella* (Rottb.) Börner
 - [*Comastoma* t. (Rottb.) Toyokuni] W & J
 - [*Gentiana* t. Rottb.] H, HDH
 - [*Gentianella* t. ssp. t.] K, SCS
- GENTIANOPSIS**
- barbellata* (Engelm.) Iltis
 - [*Gentiana* b. Engelm.] HDH
 - [*Gentianella* b. (Engelm) J. Gillett] D, D2
 - detonsa* (Rottb.) Ma
 - var. *elegans* (A. Nels.) N. Holmgren
 - [*Gentiana* d. Rottb. var. *unicaulis* (A. Nels.) C. L. Hitchc.] H
 - [*Gentiana thermalis* Kuntze] HDH
 - [*Gentianella* d. (Rottb.) G. Don] D
 - [*Gentianella* d. ssp. e. (A. Nels.) J. Gillett]
 - [*Gentianella* d. var. e. (A. Nels.) Dorn] D2
 - [*Gentianopsis* t. (Kuntze) Iltis] K, PLANTS, SCS, W & J

HALENIA

- deflexa* (Sm.) Griseb.
 - var. *deflexa*
 - [H. d. ssp. d.] PLANTS

LOMATOGONIUM

- rotatum* (L.) Fries
 - [L. r. (L.) Fries ex Fern.] PLANTS, pro syn.
 - [L. r. ssp. *tenuifolium* (Griseb.) Porsild] SCS, W & J
 - [*Pleurogyne* r. (L.) Griseb.] HDH

SWERTIA

- perennis* L.

GERANIACEAE (GER)

ERODIUM

- cicutarium (L.) L'Her. ex Ait.
[E. c. (L.) L'Her.]
[E. c. (L.) L'Her. ex Soland.] SCS
[E. c. (L.) L'Her. ssp. jacquinianum (Fisch. et al.) Briq.] K

GERANIUM

- atropurpureum Heller
var. cowenii (Rydb.) Dorn
[G. a.] W & J
[G. caespitosum James] SCS, WU
[G. c. James emend. Gray] D, HDH
[G. c. James ssp. a. (Heller) W. A. Weber] WWS
[G. cowenii Rydb.] K
[G. fremontii Torr. ex Gray var. cowenii (Rydb.) Harrington] HDH
bicknellii Britt.
[G. b. var. longipes (Wats.) Fern.]
[G. carolinianum L. var. l. Wats.] HDH
caespitosum James
var. caespitosum
[G. c.] K, WU
[G. c. ssp. c.] WWS
[G. c. var. parryi (Engelm.) W. A. Weber] W & J
[G. fremontii Torr. ex Gray] D, W & J
[G. f. var. cowenii (Rydb.) Harrington] W & J
[G. p. (Engelm.) Heller] HDH, K, SCS, W & J
var. fremontii (Torr. ex Gray) Dorn
[G. f. Torr. ex Gray] D, HDH, K, SCS, WS
[G. f. var. cowenii (Rydb.) Harrington] W & J
[G. caespitosum James] WU
[G. c. ssp. c.] WWS
carolinianum L.
[G. bicknellii Britt.] SCS
[G. c. var. c.]
[G. c. var. sphaerospermum (Fern.) Breit.]
[G. s. Fern.] SCS
pusillum L.
[G. p. N. L. Burm.] SCS
richardsonii Fisch. & Trautv.
viscosissimum Fisch. & Mey. ex Mey.
var. viscosissimum
var. nervosum (Rydb.) C. L. Hitchc.
[G. n. Rydb.]

[G. v.] D

GROSSULARIACEAE (GRS)

RIBES

- americanum Mill.
aureum Pursh
 var. aureum
 var. villosum DC.
 [R. odoratum Wendl.]
cereum Dougl.
 var. pedicellare Brewer & Wats.
 [R. c.] HDH, W & J
 [R. c. var. inebrians (Lindl.) C. L. Hitchc.] H
 [R. i. Lindl.] K
hudsonianum Richards.
 var. petiolare (Dougl.) Jancz.
inerme Rydb.
 var. inerme
lacustre (Pers.) Poir.
montigenum McClat.
oxyacanthoides L.
 var. oxyacanthoides
 [R. o. ssp. o.] PLANTS
 var. setosum (Lindl.) Dorn
 [R. o. ssp. s. (Lindl.) Sinnott] PLANTS
 [R. s. Lindl.] D, GPF, H, HDH, K, SCS, W & J]
sativum (Rchb.) Syme
 [R. s. Syme] PLANTS, pro syn, SCS
 [R. rubrum L.] D, D2, PLANTS
 [R. r. var. alaskanum (Berger) Boivin] K
viscosissimum Pursh
 var. viscosissimum

HALORAGACEAE (HAL)

MYRIOPHYLLUM

- quitense H.B.K.
sibiricum Kom.
 [M. exalbescens Fern.]
 [M. spicatum L.] D
 [M. spicatum var. e. (Fern.) Jeps.] GPF, H, SCS

verticillatum L.
[*M. v.* var. *v.*] SCS
[*M. spicatum* L. var. *s.*] H

HIPPURIDACEAE (HPU)

HIPPURIS
vulgaris L.

HYDRANGEACEAE (HDR)

JAMESIA
americana T. & G.
var. *americana*

PHILADELPHUS
microphyllus Gray
var. *occidentalis* (A. Nels.) Dorn
[*P. m.* ssp. *o.* (A. Nels.) C. L. Hitchc.]
[*P. o.* A. Nels.] K, SCS
[*P. o.* var. *o.*] PLANTS
pubescens Loisel.
var. *pubescens*

HYDROCHARITACEAE (HDC)

ELODEA
canadensis Michx.
longivaginata St. John
[*E. bifoliata* St. John] PLANTS
[*E. canadensis* Michx.] GPF?, HDH?

HYDROPHYLLACEAE (HYD)

ELLISIA
nyctelea (L.) L.
[*E. n.* L.] SCS
HESPEROCHIRON
californicus (Benth.) Wats.
pumilus (Griseb.) Porter
[*H. p.* (Dougl. ex Griseb.) Porter] PLANTS, pro syn.

HYDROPHYLLUM

capitatum Dougl. ex Benth.

 var. capitatum

fendleri (Gray) Heller

 var. fendleri

NAMA

densem Lemmon

 var. parviflorum (Greenm.) C. L. Hitchc.

NEMOPHILA

breviflora Gray

menziesii H. & A.

 Seed sown on roadside.

PHACELIA

demissa Gray

 var. demissa

denticulata Osterh.

franklinii (R. Br.) Gray

glandulifera Piper

glandulosa Nutt.

hastata Dougl. ex Lehm.

 var. hastata

 [P. h.] D, W & J

 [P. h. ssp. h.] K, SCS

 [P. h. var. alpina (Rydb.) Cronq.]

 [P. h. var. leucophylla (Torr.) Cronq.] H

 [P. heterophylla Pursh] HDH

heterophylla Pursh

 var. virgata (Greene) Dorn

 [P. h.] C

 [P. h. ssp. h]

 [P. h. ssp. v. (Greene) Heckard] PLANTS

 [P. piersoniae L. Williams]

incana Brand

ivesiana Torr.

linearis (Pursh) Holz.

neomexicana Thurb. ex Torr.

 var. alba (Rydb.) Brand

 [P. a. Rydb.] PLANTS

 [P. n.] D, W & J

salina (A. Nels.) J. T. Howell

 [P. lutea (H. & A.) J. T. Howell var. scopolina (A. Nels.) Cronq.] C

scopolina (A. Nels.) J. T. Howell

 var. scopolina

 [P. s. A. Nels.] SCS

[P. lutea (H. & A.) J. T. Howell] D
[P. l. var. s. (A. Nels.) Cronq.] C, H

sericea (Grah. ex Hook.) Gray

var. sericea

[P. s.] D, HDH, W & J

[P. s. ssp. s.] K, SCS

[P. s. (Graham) Gray ssp. s.] PLANTS

[P. s. (Grah.) Gray var. s.] C

var. ciliosa Rydb.

[P. idahoensis Henders.] HDH, W & J

[P. s. ssp. c. (Rydb.) G. Gillett] K, SCS

[P. s. (Graham) Gray ssp. c. (Rydb.) Gillett] PLANTS

tetramera J. T. Howell

HYPERICACEAE (HYP)

HYPERICUM

formosum H.B.K.

var. formosum

[H. f.] PLANTS

var. scouleri (Hook.) Coulter

[H. f. ssp. s. (Hook.) C. L. Hitchc. var. nortoniae (Jones) C. L. Hitchc.] H, K

[H. f. ssp. s. var. s.] H, K

[H. f. var. n. (Jones) C. L. Hitchc.] SCS

[H. s. Hook. ssp. s.] PLANTS

perforatum L.

IRIDACEAE (IRI)

IRIS

missouriensis Nutt.

[I. m. var. m.] SCS

SISYRINCHIUM

angustifolium Mill.

[S. graminoides Bickn.]

idahoense Bickn.

var. idahoense

var. occidentale (Bickn.) D. Henderson

[S. angustifolium Mill.] D, H, W & J

[S. o. Bickn.] HDH

[S. sarmentosum Suksd.] P

montanum Greene
[*S. angustifolium* Mill.] D, H
[*S. heterocarpum* Bickn.] P, SCS
pallidum Cholewa & D. Henderson

JUNCACEAE (JUN)

JUNCUS

alpinoarticulatus Chaix

[*J. alpinoarticulatus* ssp. *fuscescens* (Fern.) Hämet-Ahti] PLANTS
[*J. alpinus* Vill. ssp. *nodulosus* (Wahlenb.) Lindm. var. *rariflorus* Hartm.]
[*J. alpinus* var. *alpinus*] SCS
[*J. alpinus* var. *r.* Hartm.]

articulatus L.

balticus Willd.

var. montanus Engelm.

[*J. arcticus* Willd. ssp. *ater* (Rydb.) Hult.] W & J
[*J. b.*] GPF

var. vallicola Rydb.

[*J. arcticus* Willd. ssp. *ater* (Rydb.) Hult.] W & J
[*J. b.*] GPF

biglumis L.

bufonius L.

[*J. b.* var. *b.*]

[*J. b.* var. *halophilus* Buch. & Fern.]

[*J. b.* var. *occidentalis* F. J. Herm.]

[*J. sphaerocarpus* Nees] HDH, W & J

castaneus Sm.

[*J. c.* ssp. *c.* var. *c.*]

[*J. c.* var. *c.*]

compressus Jacq.

confusus Cov.

drummondii E. Mey.

[*J. d.* var. *d.*]

[*J. d.* var. *subtriflorus* (E. Mey.) C. L. Hitchc.]

ensifolius Wikstr.

var. ensifolius

[*J. e.*] PLANTS

var. montanus (Engelm.) C. L. Hitchc.

[*J. e.*] D

[*J. e.* var. *brunnescens* (Rydb.) Cronq.] C, H

[*J. saximontanus* A. Nels.] PLANTS

[*J. s. f. b.* (Rydb.) F. J. Herm.] W & J

- filiformis L.
 hallii Engelm.
 interior Wieg.
 var. interior
 [J. tenuis Willd.] C
 longistylis Torr.
 var. longistylis
 mertensianus Bong.
 nevadensis Wats.
 var. nevadensis
 [J. badius Suksd.] HDH
 [J. mertensianus ssp. gracilis (Engelm.) F. J. Herm. var. b. (Suksd.) F. J. Herm.] P,
 W & J
 [J. m. Bong. ssp. g. var. g.] P
 [J. n. var. b. (Suksd.) C. L. Hitchc.]
 nodosus L.
 [J. n. var. n.] SCS
 parryi Engelm.
 regelii Buch.
 tenuis Willd.
 var. dudleyi (Wieg.) F. J. Herm.
 [J. d. Wieg.] GPF, HDH, P, PLANTS, W & J
 [J. t. var. congestus Engelm.]
 [J. t. var. uniflorus (Farw.) Farw.] K
 torreyi Cov.
 tracyi Rydb.
 [J. ensifolius Wikstr. var. montanus (Engelm.) C. L. Hitchc.] C
 triglumis L.
 var. triglumis
 [J. t.] PLANTS
 var. albescens Lange
 [J. albescens (Lange) Fern.] PLANTS
 [J. t. ssp. a. (Lange) Hult.] W & J
 tweedyi Rydb.
 vaseyi Engelm.
LUZULA
 glabrata (Hoppe ex Rostk.) Desv.
 var. hitchcockii (Hämet-Ahti) Dorn
 [L. g. (Hoppe) Desv.]
 [L. piperi (Cov.) Jones] SCS
 multiflora (Ehrh.) Lej.
 [L. campestris (L.) DC.]
 [L. intermedia (Thuill.) A. Nels.] P
 [L. m. (Ehrh. ex Hoffm.) Lej.] SCS

[L. m. (Retz.) Lej.] HDH, W & J
[L. m. ssp. m. var. m.] K
parviflora (Ehrh.) Desv.
[L. p. var. melanocarpa (Michx.) Hämet-Ahti]
[L. p. var. m. (Michx.) Gray] SCS
piperi (Cov.) Jones
[L. parviflora (Ehrh.) Desv.] HDH
[L. spadicea (All.) DC.] K
[L. wahlenbergii Rupr.]
spicata (L.) DC.
[L. s. ssp. saximontana Löve & Löve] SCS

JUNCAGINACEAE (JCG)

TRIGLOCHIN

concinnum Davy
[T. concinna Davy]
[T. concinnum Burt-Davy] PLANTS
[T. concinnum Davy var. debile (Jones) J. T. Howell] GPF, SCS, W & J
[T. debilis (Jones) Löve & Löve] K
maritimum L.
var. elatum (Nutt.) Gray
[T. maritima] K, PLANTS
[T. maritima var. elata (Nutt.) Gray]
[T. maritimum] GPF, SCS, W & J
palustre L.
[T. palustris L.] GPF, K, SCS, W & J

LAMIACEAE (LAM)

AGASTACHE

foeniculum (Pursh) Kuntze
urticifolia (Benth.) Kuntze

var. urticifolia

DRACOCEPHALUM

parviflorum Nutt.
[Moldavica p. (Nutt.) Britt.] H1, HDH, W & J

thymiflorum L.

[Moldavica t. (L.) Rydb.] H1

GALEOPSIS

ladanum L.

GLECOMA

- hederacea* L.
 [Glechoma h.] PLANTS
 [Glecoma h. var. h.] K
 [Glecoma h. var. micrantha Moric.] K
- HEDEOMA**
- drummondii* Benth.
hispidum Pursh
 [H. hispida] PLANTS
- LALLEMANTIA**
- peltata* (L.) Fisch. & Mey.
- LAMIUM**
- amplexicaule* L.
- LEONURUS**
- cardiaca* L.
- LYCOPUS**
- americanus* Muhl. ex Barton
 [L. a. var. a.] SCS
- asper* Greene
 [L. lucidus Turcz. ex Benth.]
- uniflorus* Michx.
- MARRUBIUM**
- vulgare* L.
- MENTHA**
- arvensis* L.
 [M. a. ssp. haplocalyx Briq.] K
 [M. a. var. canadensis (L.) Kuntze]
 [M. a. var. glabrata (Benth.) Fern.]
 [M. a. var. villosa (Benth.) S. R. Stewart]
- spicata* L.
- MONARDA**
- fistulosa* L.
 var. *menthifolia* (Grah.) Fern.
 [M. f. ssp. f. var. m.] PLANTS
- pectinata* Nutt.
- MONARDELLA**
- odoratissima* Benth.
 var. *glaucia* (Greene) St. John
 [M. g. Greene] PLANTS
 [M. o. ssp. g. (Greene) Epling] SCS
- NEPETA**
- cataria* L.
grandiflora M.-Bieb.
 Planted, persisting
racemosa Lam.

[*N. mussinii* Henckel] K
[*N. m.* Spreng. ex Henckel] SCS

PHYSOSTEGIA

parviflora Nutt. ex Gray
[*Dracocephalum nuttallii* Britt.] H1, HDH, W & J

PRUNELLA

vulgaris L.
var. *lanceolata* (Barton) Fern.
[P. v.] C, D2, GPF, HDH, W & J
[P. v. ssp. l. (Barton) Hult.] PLANTS, SCS
[P. v. var. *elongata* Benth.] K

SALVIA

nemorosa L.
[*S. sylvestris* L.] HDH, W & J

pratensis L.
reflexa Hornem.

SCUTELLARIA

brittonii Porter
galericulata L.
[*S. g.* var. *epilobifolia* (Ham.) Jordal] W & J
[*S. g.* var. *g.*] SCS

STACHYS

palustris L.
var. *pilosa* (Nutt.) Fern.
[*S. palustris* L. ssp. *pilosa* (Nutt.) Epl.] HDH, PLANTS, SCS, W & J

TEUCRIUM

canadense L.
var. *occidentale* (Gray) McClint. & Epl.
[*T. c.* var. *boreale* (Bickn.) Shinners] K

LEMNACEAE (LMN)

LEMNA

minor L.
[*L. gibba* L.] C, D, GPF, H2, HDH, K, P, SCS, W & J
[*L. minima* Phil.] HDH, P, SCS, W & J
[*L. minuta* H.B.K.] C, D, K
[*L. perpusilla* Torr.] SCS
[*L. turionifera* Landolt]

trisulca L.
valdiviana Phil.
[*L. v.* var. *v.*] SCS

SPIRODELA

polyrhiza (L.) Schleid.
[*S. polyrrhiza* (L.) Schleid.]

LENTIBULARIACEAE (LNT)

UTRICULARIA
minor L.
vulgaris L.
[*U. macrorhiza* Leconte] PLANT, SCS

LILIACEAE (LIL)

ALLIUM
acuminatum Hook.
brandegei Wats.
brevistylum Wats.
cernuum Roth
[*A. c.* ssp. *obtusum* (*Ckll.* ex *Macbr.*) *Traub.* & *Ownbey*] W & J
[*A. c.* var. *c.*]
[*A. c.* var. *o.* *Ckll.* ex *Macbr.*]
geyeri Wats.
var. *geyeri*
var. *tenerum* Jones
[*A. rubrum* *Osterh.*] HDH, W & J
schoenoprasum L.
[*A. s.* var. *sibiricum* (L.) *Hartm.*] HDH, W & J
textile Nels. & Macbr.
ANDROSTEPHIUM
breviflorum Wats.
ASPARAGUS
officinalis L.
CALOCHORTUS
eurycarpus Wats.
[*C. nitidus* *Dougl.*] P
gunnisonii Wats.
var. *gunnisonii*
nuttallii T. & G.
[*C. n.* var. *n.*] SCS
CAMASSIA
quamash (*Pursh*) *Greene*
var. *utahensis* (*Gould*) *C. L. Hitchc.*
[*C. q.* ssp. *q.*] P

[C. q. ssp. u. Gould] K, PLANTS, SCS

DISPORUM

trachycarpum (Wats.) Benth. & Hook.

ERYTHRONIUM

grandiflorum Pursh

var. grandiflorum

[E. g.] PLANTS

[E. g. ssp. chrysanthemum Applegate] HDH, W & J

[E. g. ssp. g. var. g.] SCS

[E. g. var. c. (Applegate) Scoggan] K

FRITILLARIA

atropurpurea Nutt.

pudica (Pursh) Spreng.

LEUCOCRINUM

montanum Nutt. ex Gray

LILIUM

philadelphicum L.

var. andinum (Nutt.) Ker-Gawl.

[L. umbellatum Pursh] HDH

LLOYDIA

serotina (L.) Rchb.

var. serotina

[L. s. ssp. s.] PLANTS

[L. s. (L.) Salisb. ex Rchb. ssp. s.] SCS

MAIANTHEMUM

canadense Desf.

[M. c. var. interius Fern.]

racemosum (L.) Link

var. amplexicaule (Nutt.) Dorn

[M. r. ssp. a. (Nutt.) LaFrankie] PLANTS

[Smilacina racemosa (L.) Desf.]

[S. r. var. a. (Nutt.) Wats.] HDH, SCS, W & J

[S. r. var. r.] SCS

stellatum (L.) Link

[Smilacina s. (L.) Desf. var. s.]

POLYGONATUM

biflorum (Walt.) Elliott

[P. b. var. b.] SCS

[P. b. var. commutatum (Schult. f.) Morong]

[P. b. necopinum R. Ownbey]

[P. c. (Schult. f.) Dietr.] HDH, SCS, W & J

SMILAX

herbacea L.

var. lasioneuron (Hook.) A. DC.

[S. l. Hook.] K, SCS, W & J
[S. lasioneura Hook.] PLANTS

STREPTOPUS

amplexifolius (L.) DC.
[S. a. var. americanus Schult.]
[S. a. var. chalazatus Fassett]

TOFIELDIA

glutinosa (Michx.) Pers.
var. montana (C. L. Hitchc.) R. J. Davis
[T. g. ssp. m. C. L. Hitchc.] K, PLANTS

TRILLIUM

ovatum Pursh
ssp. ovatum

TRITELEIA

grandiflora Lindl.
var. grandiflora
[Brodiaea douglasii Wats.] H, P
[T. g.]

VERATRUM

californicum Durand
var. californicum
tenuipetalum Heller
[V. californicum Durand] C, H, HDH, SCS

XEROPHYLLUM

tenax (Pursh) Nutt.

ZIGADENUS

elegans Pursh
[Anticlea e. (Pursh) Rydb.] W & J
[Z. e. ssp. e.]
paniculatus (Nutt.) Wats.
[Toxicoscordion p. (Nutt.) Rydb.] W & J
venenosus Wats.
var. gramineus (Rydb.) Walsh ex Peck
[Toxicoscordion v. (Wats.) Rydb.] W & J
[Z. g. Rydb.] HDH

LIMNANTHACEAE (LIM)

FLOERKEA
proserpinacoides Willd.

LINACEAE (LIN)

LINUM

- australe Heller
 - var. australe
- grandiflorum Desf.
 - var. rubrum Vilm.
 - Seed sown on roadside.
- kingii Wats.
- lewisii Pursh
 - var. lewisii
 - [L. perenne L. var. l. (Pursh) Eat. & Wright] GPF, H
- puberulum (Engelm.) Heller
- rigidum Pursh
 - var. rigidum
 - var. compactum (A. Nels.) C. Rogers
 - [L. c. A. Nels.] HDH, PLANTS
 - [L. r.] H
- usitatissimum L.

LOASACEAE (LOA)

MENTZELIA

- albicaulis (Dougl. ex Hook.) Dougl. ex T. & G.
 - [M. a. (Dougl. ex Hook.) T. & G.]
 - [M. a. var. ctenophora (Rydb.) J. Darl.]
- decapetala (Pursh ex Sims) Urban & Gilg ex Gilg
 - [M. d. (Pursh ex Sims) Urban]
 - [M. d. (Pursh ex Sims) Urban & Gilg] SCS
- dispersa Wats.
 - [M. d. var. d.] HDH, K, W & J
 - [M. d. var. latifolia (Rydb.) Macbr.] HDH, K, W & J
 - [M. d. var. compacta (A. Nels) Macbr.] HDH, K, W & J
- laevicaulis (Dougl. ex Hook.) T. & G.
 - var. laevicaulis
- montana (Davids.) Davids.
- multiflora (Nutt.) Gray
 - [M. m. (Nutt.) Nutt. ex Gray] SCS
 - [M. m. (Nutt.) Gray ssp. leucopetala Thomps. & Zavort. in ed.] W & J
 - [M. m. ssp. m.] W & J
- nuda (Pursh) T. & G.
 - [M. n. var. n.] HDH, K, W & J
 - [M. n. var. stricta (Osterh.) Harrington] HDH, K
- oligosperma Nutt. ex Sims
- pumila T. & G.

[M. p. Nutt. ex Torr. & Gray] PLANTS
rusbyi Woot.
[M. multiflora (Nutt.) Gray] D, K, W & j
[M. nuda (Pursh) T. & G. var. rusbyi (Woot.) Harrington] HDH
sinuata (Rydb.) R. J. Hill
[M. multiflora (Nutt.) Gray] D, GPF?, HDH
[M. s. (Rydb.) R. J. Hill ex W. A. Weber & B. Johnst. ined] SCS
speciosa Osterh.
Reported: R. J. Hill, personal communication.

LYTHRACEAE (LYT)

AMMANNIA
robusta Heer & Regel
LYTHRUM
alatum Pursh
var. alatum
salicaria L.

MALVACEAE (MLV)

ABUTILON
theophrasti Medic.
ALCEA
rosea L.
[Althaea r. (L.) Cav.]
CALLIRHOË
involuta (Nutt. ex Torr.) Gray
[C. i. (Torr. & Gray) Gray] PLANTS
[C. i. var. i.]
ILIAMNA
rivularis (Dougl. ex Hook.) Greene
[I. r. var. diversa (A. Nels.) C. L. Hitch.] H, K, SCS
[I. r. var. r.] H, K, SCS
LAVATERA
thuringiaca L.
MALVA
moschata L.
neglecta Wallr.
parviflora L.
rotundifolia L.
[M. neglecta Wallr.] HDH

sylvestris L.

verticillata L.

[*M. crispa* (L.) L.] HDH, K, SCS, W & J

[*M. v.* var. *c.* L.]

SIDALCEA

candida Gray

[*S. c.* var. *glabrata* C. L. Hitchc.]

neomexicana Gray

var. *neomexicana*

[*S. n.* ssp. *n.*] PLANTS

[*S. n.* ssp. *n.* var. *n.*] SCS

oregana (Nutt. ex T. & G.) Gray

var. *oregana*

[*S. o.* ssp. *o.* var. *o.*] PLANTS

SPHAERALCEA

coccinea (Nutt.) Rydb.

[*S. c.* ssp. *c.*] HDH, K, SCS, W & J

[*S. c.* ssp. *dissecta* (Nutt.) Kearn.] HDH, K, SCS, W & J

munroana (Dougl. ex Lindl.) Spach ex Gray

[*S. m.* ssp. *m.*] K. SCS

[*S. m.* ssp. *subrhomboidea* (Rydb.) Kearn.] K, SCS

MENYANTHACEAE (MNY)

MENYANTHES

trifoliata L.

[*M. t.* var. *minor* Raf.]

MOLLUGINACEAE (MOL)

MOLLUGO

verticillata L.

MORACEAE (MOR)

MORUS

alba L.

NAJADACEAE (NAJ)

NAJAS

guadalupensis (Spreng.) Morong
var. guadalupensis
[N. g. (Spreng.) Magnus var. g.] PLANTS

NYCTAGINACEAE (NYC)

ABRONIA

ammophila Greene
[A. fragrans Nutt. ex Hook.] D, H
fragrans Nutt. ex Hook.
var. fragrans
[A. f.] PLANTS
[A. f. var. glaucescens A. Nels.] HDH, P, W & J
var. elliptica (A. Nels.) Jones
[A. e. A. Nels.] PLANTS
[A. f.] D, GPF, H
[A. salsa Rydb.] HDH
mellifera Dougl. ex Hook.

MIRABILIS

hirsuta (Pursh) MacM.
[Oxybaphus hirsutus (Pursh) Sweet] P
linearis (Pursh) Heimerl
[M. lanceolata (Rydb.) Standl.]
[Oxybaphus lanceolatus (Rydb.) Standl.] P
[O. linearis (Pursh) Robins.] P
[O. linearis var. decipiens (Standl.) Kearn. & Peeb.] W & J
[O. linearis var. linearis] W & J
nyctaginea (Michx.) MacM.
[Oxybaphus n. (Michx.) Sweet] P

TRIPTEROCALYX

micranthus (Torr.) Hook.
[Abronia m. Torr.] D, D2, H

NYMPHAEACEAE (NYM)

NUPHAR

polysepala Engelm.
[N. lutea (L.) Sm. ssp. polysepala (Engelm) E. O. Beal] PLANTS
[N. luteum (L.) Sibth. & Sm. ssp. polysepalum (Engelm.) E. O. Beal] K, SCS

OLEACEAE (OLE)

FRAxinus

- pennsylvanica* Marsh.
[F. p. var. lanceolata Sarg.] HDH? W & J
[F. p. var. subintegerrima (Vahl) Fern.]

ONAGRACEAE (ONA)

CALYLOPHUS

- lavandulifolius* (T. & G.) Raven
[C. hartwegii (Benth.) Raven] D
[C. h. ssp. l. (T. & G.) Towner & Raven] GPF, W & J
[Oenothera l. T. & G.] HDH
[O. l. var. glandulosa Munz] HDH
serrulatus (Nutt.) Raven
[Oenothera s. Nutt.] H, HDH

CAMISSONIA

- andina* (Nutt.) Raven
[Oenothera a. Nutt.] H, HDH
breviflora (T. & G.) Raven
[Oenothera b. T. & G.] H
minor (A. Nels.) Raven
[Oenothera m. (A. Nels.) Munz var. m.] H, HDH
parvula (Nutt. ex T. & G.) Raven
[Oenothera contorta Dougl. ex Lehm. var. flexuosa (A. Nels.) Munz] H, HDH
scapoidea (T. & G.) Raven
var. *scapoidea*
[C. s. ssp. s.]
[C. s. (Nutt. ex T. & G.) Raven ssp. s.] PLANTS, SCS
[Oenothera s. T. & G. var. seorsa (A. Nels.) Munz] H
subacaulis (Pursh) Raven
[Oenothera heterantha Nutt.] H, HDH

CIRCEA

- alpina* L.
var. *alpina*
[C. a. ssp. a.] K, PLANTS, SCS
pacifica (Asch. & Magnus) Jones
[C. a. ssp. p. (Asch. & Magnus) Raven] K, PLANTS, SCS, W & J
[C. p. Asch. & Magnus] HDH
lutetiana L.
var. *canadensis* L.
[C. l. ssp. c. (L.) Asch. & Magnus] PLANTS

CLARKIA

pulchella Pursh

EPILOBIUM

anagallidifolium Lam.

[E. alpinum L. var. alpinum] H, HDH, W & J

angustifolium L.

var. angustifolium

[Chamerion a. (L.) Holub] W & J

[E. a. ssp. a.] PLANTS

var. canescens Wood

[Chamerion a. (L.) Holub] W & J

[E. a. ssp. circumvagnum Mosquin] PLANTS

[E. a. var. platyphyllum (Daniels) Fern.] HDH

brachycarpum Presl

[E. b. K. Presl] PLANTS

[E. paniculatum Nutt. ex T. & G.]

canum (Greene) Raven

ssp. garrettii (A. Nels.) Raven

[Zauschneria g. A. Nels.] D2

ciliatum Raf.

var. ciliatum

[E. adenocaulon Hausskn.] GPF

[E. a. var. a.] HDH, W & J

[E. brevistylum Barbey] K

[E. c. ssp. c.] PLANTS

[E. watsonii Barbey] D

[E. w. var. occidentale (Trel.) C. L. Hitchc.] H

var. glandulosum (Lehm.) Dorn

[E. adenocaulon Hausskn. var. occidentale Trel.] HDH, W & J

[E. brevistylum Barbey] SCS

[E. c. ssp. g. (Lehm.) Hoch & Raven] PLANTS

[E. exaltatum Drew]

[E. g. Lehm.] D, HDH, W & J

[E. g. ssp. g.]

clavatum Trel.

[E. alpinum L. var. c. (Trel.) C. L. Hitchc.] H

glaberrimum Barbey

var. fastigiatum (Nutt.) Trel. ex Jeps.

[E. f. (Nutt. ex T. & G.) Piper]

[E. g. ssp. f. (Nutt.) Hoch & Raven] PLANTS, SCS

[E. g. var. f. (Nutt. ex T. & G.) Trel.]

halleanum Hausskn.

[E. glandulosum Lehm.] D

[E. g. var. macounii (Trel.) C. L. Hitchc.] H

[E. g. var. tenue (Trel.) C. L. Hitchc.] H
hornemannii Rchb.
 ssp. hornemannii
 [E. alpinum L. var. nutans (Hornem.) Hook.] H
 [E. anagallidifolium Lam.] D
lactiflorum Hausskn.
 [E. alpinum L. var. l. (Hausskn.) C. L. Hitchc.] H
 [E. anagallidifolium Lam.] D
latifolium L.
 [Chamerion l. (L.) Holub] W & J
oregonense Hausskn.
 [E. anagallidifolium Lam.] D2
palustre L.
 var. palustre
 [E. p.] PLANTS
 [E. p. var. grammadophyllum Hausskn.] HDH, W & J
 var. gracile (Farw.) Dorn
 [E. leptophyllum Raf.] PLANTS
 [E. p.] H
pygmaeum (Speg.) Hoch & Raven
 [Boisduvalia glabella (Nutt.) Walp.]
saximontanum Hausskn.
 [E. glandulosum Lehm.] D
 [E. g. var. g.] H
suffruticosum Nutt.

GAURA

coccinea (Nutt.) Pursh
 [G. c. Nutt. ex Pursh] PLANTS
 [G. c. var. c.] HDH, W & J
 [G. c. var. glabra (Lehm.) T. & G.] HDH, W & J
neomexicana Woot.
 var. coloradensis (Rydb.) Munz
 [G. n. ssp. c. (Rydb.) Raven & Greg.] K, PLANTS, SCS
parviflora Dougl. ex Lehm.
 [G. p. Dougl. ex Hook]
 [G. p. var. glabra Munz] W & J
 [G. p. var. lachnocarpa Weath.] HDH, W & J
 [G. p. var. p.] HDH, W & J
 [G. p. f. g. Munz] HDH

GAYOPHYTUM

decipiens Lewis & Szweyk.
 [G. lasiospermum Greene] HDH
 [G. nuttallii T. & G.] H
diffusum T. & G.

- var. *diffusum*
 [G. d. ssp. d.] PLANTS
 [G. *nuttallii* T. & G.] H
 var. *strictipes* (Hook.) Dorn
 [G. d. ssp. *parviflorum* Lewis & Szweyk.] PLANTS
 [G. *lasiospermum* Greene] HDH
humile Juss.
 [G. *nuttallii* T. & G.] HDH
racemosum T. & G.
 [G. *helleri* Rydb.] HDH
ramosissimum T. & G.
OENOTHERA
albicaulis Pursh
canescens Torr. & Frém.
cespitosa Nutt.
 var. *cespitosa*
 [O. *caespitosa* ssp. *montana* (Nutt.) Munz] GPF, K, SCS
 [O. *caespitosa* ssp. *purpurea* (Wats.) Munz] K
 [O. *caespitosa* var. m. (Nutt.) Durand] H, W & J
 [O. *caespitosa* var. p. (Wats.) Munz] H
 [O. *cespitosa* ssp. *cespitosa*] PLANTS
 var. *macroglossis* (Rydb.) Cronq.
 [O. *cespitosa* ssp. m. (Rydb.) Wagner et al.] PLANTS
 var. *marginata* (Nutt. ex T. & G.) Munz
 [O. *caespitosa* ssp. m. (Nutt.) Munz] K
 [O. *caespitosa* var. m. (Nutt.) Munz] H, W & J
 [O. *cespitosa* ssp. m. (Nutt. ex H. & A.) Munz] PLANTS
coronopifolia T. & G.
flava (A. Nels.) Garrett
howardii (A. Nels.) W. L. Wagner
 [O. *brachycarpa* Gray] K
 [O. b. var. *wrightii* (Gray) H. Lev.] HDH, SCS, W & J
laciniata Hill
latifolia (Rydb.) Munz
 [O. *pallida* Lindl.] D, W & J
 [O. p. ssp. l. (Rydb.) Munz]
nuttallii Sweet
pallida Lindl.
 var. *pallida*
 [O. p. ssp. p.] PLANTS
 var. *trichocalyx* (Nutt.) Dorn
 [O. p. ssp. t. (Nutt.) Munz & W. Klein] PLANTS
 [O. p. ssp. t. (Nutt. ex T. & G.) Munz & Klein]
 [O. t. Nutt. ex T. & G.] HDH, W & J

villosa Thunb.
var. *villosa*
[*O. biennis* L.] H
[*O. depressa* Greene] D
[*O. strigosa* (Rydb.) Mack. & Bush] HDH, W & J
[*O. s. ssp. canovirens* (Steele) Munz]
[*O. v.*] SCS
[*O. v. ssp. c.* (Steele) D. Dietr. & Raven]
[*O. v. ssp. v.*] PLANTS
var. *strigosa* (Rydb.) Dorn
[*O. biennis* L.] H
[*O. depressa* Greene] D
[*O. strigosa* (Rydb.) Mack. & Bush] HDH, W & J
[*O. s. ssp. s.*]
[*O. v.*] SCS
[*O. v. ssp. s.* (Rydb.) W. Dietr. & Raven] PLANTS

ORCHIDACEAE (ORC)

AMERORCHIS

rotundifolia (Banks ex Pursh) Hult.
[*Orchis r.* Banks ex Pursh] D, D2, H, P

CALYPSO

bulbosa (L.) Oakes
var. *americana* (R. Br.) Luer
[C. b. var. a. (R. Br. ex Ait. f.) Luer] PLANTS

COELOGLOSSUM

viride (L.) Hartm.
var. *virescens* (Muhl. ex Willd.) Luer
[C. viride ssp. *bracteatum* (Muhl. ex Willd.) Hult.] W & J
[*Habenaria b.* (Muhl. ex Willd.) R. Br.] HDH
[*H. viridis* (L.) R. Br. var. b. (Muhl. ex Willd.) Gray] C, GPF, H, P
[*H. viridis* var. b. (Muhl. ex Willd.) Rchb. ex Gray] D2

CORALLORRHIZA

maculata (Raf.) Raf.
[C. m. Raf.]
mertensiana Bong.
striata Lindl.
[C. s. var. s.]
[C. s. var. *vreelandii* (Rydb.) L. Williams]
trifida Chat.
wisteriana Conrad

CYPripedium

calceolus L.

var. *pubescens* (Willd.) Correll
[*C. pubescens* Willd.] K, PLANTS
fasciculatum Kellogg ex Wats.
montanum Dougl. ex Lindl.

EPIPACTIS

gigantea Dougl. ex Hook.

GOODYERA

oblongifolia Raf.

LISTERA

borealis Morong

caurina Piper

convallarioides (Sw.) Nutt. ex Elliott

[*L. c.* (Sw.) Torr.]

cordata (L.) R. Br.

[*L. c.* ssp. *nephrophylla* (Rydb.) Löve & Löve] W & J

[*L. c.* var. *c.*] K, SCS

[*L. c.* var. *n.* (Rydb.) Hult.] K, SCS

[*L. c.* (L.) R. Br. ex Ait. f.] PLANTS

PIPERIA

unalascensis (Spreng.) Rydb.

[*Habenaria u.* (Spreng.) Wats.] C, D, D2, H, HDH, P

PLATANTHERA

dilatata (Pursh) Lindl. ex Beck

var. *dilatata*

[*Habenaria d.* (Pursh) Hook. var. *d.*] C, D2, GPF, H, P

var. *albiflora* (Cham.) Ledeb.

[*Habenaria d.* (Pursh) Hook.] D

[*H. d.* var. *a.* (Cham.) Correll] C, D2, GPF, H, HDH, P

[*Limnorchis d.* (Pursh) Rydb. ssp. *a.* (Cham.) Löve & Simon] W & J

var. *leucostachys* (Lindl.) Luer

[*Habenaria d.* (Pursh) Hook.] D

[*H. d.* var. *l.* (Lindl.) Ames] C, H, HDH

[*P. l.* Lindl.] PLANTS

hyperborea (L.) Lindl.

var. *hyperborea*

[*Habenaria h.* (L.) R. Br.] C, D, D2, GPF, H, HDH, P

[*Limnorchis h.* (L.) Rydb.] W & J

var. *gracilis* (Lindl.) Luer

[*Habenaria h.* (L.) R. Br.] C, D, D2, GPF, H, HDH, P

[*Limnorchis h.* (L.) Rydb.] W & J

obtusata (Banks ex Pursh) Lindl.

[*Habenaria o.* (Banks ex Pursh) Richards.] C, D, H, HDH, P, D2

[*Lysiella o.* (Banks ex Pursh) Britt. & Rydb.] W & J

stricta Lindl.

[*Habenaria saccata* Greene] C, D, D2, GPF, H, HDH, P

[*Limnorchis saccata* (Greene) Löve & Simon] W & J

SPIRANTHES

diluvialis Sheviak

romanzoffiana Cham.

[*S. r.* Cham. var. *r.*] SCS

[*S. r.* Cham. ex Schlecht. var *r.*]

OROBANCHACEAE (ORO)

OROBANCHE

corymbosa (Rydb.) Ferris

ssp. *corymbosa*

[*O. californica* Cham. & Schlecht. var. *corymbosa* (Rydb.) Munz] H1

fasciculata Nutt.

[*O. f.* var. *f.*] SCS

[*O. f.* var. *lutea* (Parry) Achey] HDH, K, W & J

ludoviciana Nutt.

var. *ludoviciana*

[*O. l.* ssp. *l.*] K, PLANTS

var. *arenosa* (Suksd.) Cronq.

[*O. l.*] GPF

[*O. l.* ssp. *l.*] K, PLANTS

[*O. multiflora* Nutt. var. *arenosa* (Suksd.) Munz] HDH, W & J

uniflora L.

var. *occidentalis* (Greene) Taylor & MacBryde

[*O. u.*] PLANTS

[*O. u.* ssp. *u.* var. *u.*] SCS

[*O. u.* ssp. *o.* (Greene) Ferris ex Abrams] SCS

[*O. u.* var. *minuta* (Suksd.) Beck] H, K

[*O. u.* var. *purpurea* (Heller) Achey] H, K

[*O. u.* var. *sedi* (Suksd.) Achey] HDH, K, W & J

[*O. u.* var. *u.*] H, K

OXALIDACEAE (OXL)

OXALIS

dillenii Jacq.

[*O. d.* ssp. *d.*]

stricta L.

[*O. europaea* Jord. var. *bushii* (Small) Wieg.] HDH
[*O. e.* var. *e.*] HDH
[*O. s.* var. *piletocarpa* Wieg.]
[*O. s.* var. *s.*]
violacea L.

PAEONIACEAE (PAE)

PAEONIA
brownii Dougl. ex Hook.

PAPAVERACEAE (PAP)

ARGEMONE
hispida Gray
[*A. platyceras* Link & Otto var. *h.* (Gray) Prain] HDH
polyanthemos (Fedde) G. Ownbey
[*A. platyceras* Link & Otto var. *platyceras*] HDH

CHELIDONIUM
majus L.
In Laramie Garden

ESCHSCHOLZIA
californica Cham.
Escaped from cultivation, possibly not persistent; (Laramie Co.: T14N R68W S25)

PAPAVER
lapponicum (Tolm.) Nordh.
ssp. *occidentale* (Lundstr.) Knaben
[*P. kluanense* D. Löve]
[*P. nudicaule* L. var. *radicatum* (Rottb.) DC.] HDH
[*P. r.* Rottb.]

PEDALIACEAE (PED)

PROBOSCIDEA
louisianica (Mill.) Thell.
[*Martynia l.* Mill.] HDH, W & J

PLANTAGINACEAE (PTG)

PLANTAGO

elongata Pursh
var. elongata
[P. e. ssp. e.] PLANTS
eriopoda Torr.
lanceolata L.
[P. l. var. l.]
major L.
[P. m. var. pachyphylla Pilger]
[P. m. var. pilgeri Domin]
patagonica Jacq.
var. patagonica
[P. p.] PLANTS
[P. purshii R. & S.] HDH
var. spinulosa (Dcne.) Gray
[P. patagonica] PLANTS
[P. s. Dcne. ex DC.] HDH
tweedyi Gray

POACEAE (POA)

AEGILOPS

cylindrica Host
[Cylindropyrum c. (Host) Löve] Löve
[Triticum c. (Host) Cesati] SCS

AGROPYRON

albicans Scribn. & Sm.
var. albicans
--> Elymus albicans (Scribn. & Sm.) Löve
var. albicans
var. griffithsii (Scribn. & Sm.) Beetle
--> Elymus albicans (Scribn. & Sm.) Löve
var. griffithsii (Scribn. & Sm. ex Piper) Dorn
cristatum (L.) Gaertn.
var. cristatum
[A. c.] PLANTS
[A. pectiniforme R. & S. in part]
var. desertorum (Fisch. ex Link) Dorn
[A. d. (Fisch. ex Link) J. A. Schultes] PLANTS
[A. pectiniforme R. & S. in part]
var. fragile (Roth) Dorn
[A. f. (Roth) Candargy]
[A. f. ssp. sibiricum (Willd.) Melderis] PLANTS
[A. pectiniforme R. & S. in part]

[A. s. (Willd.) Beauv.]
dasystachyum (Hook.) Scribn.
--> *Elymus lanceolatus* (Scribn. & Sm.) Gould var. *lanceolatus*
elongatum (Host) Beauv.
--> *Elymus elongatus* (Host) Runem.
var. *ponticus* (Podp.) Dorn
intermedium (Host) Beauv.
var. *intermedium*
--> *Elymus hispidus* (Opiz) Melderis
var. *hispidus*
var. *trichophorum* (Link) Halac.
--> *Elymus hispidus* (Opiz) Melderis
var. *ruthenicus* (Griseb.) Dorn
latiglume (Scribn. & Sm.) Rydb.
--> *Elymus trachycaulus* (Link) Gould ex Shinners var. *trachycaulus*
repens (L.) Beauv.
--> *Elymus repens* (L.) Gould
riparium Scribn. & Sm.
--> *Elymus lanceolatus* (Scribn. & Sm.) Gould var. *riparius* (Scribn. & Sm.) Dorn
× *saunderii* (Vasey) Hitchc.
--> *Elymus × saundersii* Vasey
× *saxicola* (Scribn. & Sm.) Piper
--> *Elymus × saxicolus* Scribn. & Sm. ex Scribn.
scribneri Vasey
--> *Elymus scribneri* (Vasey) Jones
smithii Rydb.
f. *smithii*
f. *molle*
--> *Elymus smithii* (Rydb.) Gould
spicatum (Pursh) Scribn. & Sm.
f. *spicatum*
f. *inerme*
--> *Elymus spicatus* (Pursh) Gould
subsecundum (Link) Hitchc.
--> *Elymus trachycaulus* (Link) Gould ex Shinners var. *andinus* (Scribn. & Sm.)
Dorn
trachycaulm (Link) Malte ex Lewis
--> *Elymus trachycaulus* (Link) Gould ex Shinners var. *trachycaulus*
triticeum Gaertn.
[*Eremopyrum t.* (Gaertn.) Nevski] B, C, K, Löve, PLANTS, SCS
AGROSTIS
capillaris L.
[A. *tenuis* Sibth.] D2
exarata Trin.

[A. e. ssp. minor (Hook.) C. L. Hitchc.] GPF, H
[A. e. var. e.] C, K, SCS
[A. e. var. m. Hook.] C, K, SCS
humilis Vasey
[Podagrostis h. (Vasey) Björkman] SCS, W & J
idahoensis Nash
[A. filiculmis Jones] K
mertensii Trin.
[A. borealis Hartm.] D2
oregonensis Vasey
rossiae Vasey
scabra Willd.
var. *scabra*
[A. hyemalis (Walt.) B.S.P. var. h.] GPF?
[A. h. var. *tenuis* (Tuckerm.) Gleason] GPF?
[A. s. var. *geminata* (Trin.) Swall.]
stolonifera L.
[A. alba L.] B, D, HDH, P
[A. a. var. *palustris* (Huds.) Pers.] H
[A. a. var. *s.* (L.) Sm.] C
[A. *gigantea* Roth] W & J
[A. p. Huds.] B, HDH, W & J
[A. s. var. *p.* (Huds.) Pers.] H
[A. s. var. *s.*]
thurberiana Hitchc.
[Podagrostis t. (Hitchc.) Hult.] SCS, W & J
variabilis Rydb.
AIRA
 caryophyllea L.
ALOPECURUS
 aequalis Sobol.
 var. *aequalis*
 alpinus J. E. Sm.
 var. *alpinus*
 [A. a. ssp. a.] SCS
 [A. a. ssp. *glaucus* (Less.) Hult.] W & J
 [A. a. var. *g.* (Less.) Krylov]
 [A. borealis Trin.] PLANTS
 arundinaceus Poir.
 carolinianus Walt.
 geniculatus L.
 [A. g. var. *g.*]
 [A. g. var. *microstachys* Uechtr.]
 pratensis L.

ANDROPOGON

gerardii Vitman

[A. g. var. g.] K, SCS

hallii Hack.

[A. gerardii Vitman var. paucipilus (Nash) Fern.] K, SCS

APERA

interrupta (L.) Beauv.

[Agrostis i. L.] H

ARISTIDA

curtissii (Gray) Nash

[A. dichotoma Michx. var. c. Gray] GPF

[A. d. var. c. Gray ex S. Wats & Coult.] PLANTS

oligantha Michx.

purpurea Nutt.

var. fendleriana (Steud.) Vasey

[A. f. Steud.]

[A. p. var. longiseta (Steud. Vasey] C

var. longiseta (Steud.) Vasey

[A. l. Steud.] SCS

[A. l. var. l.]

[A. l. var. rariflora Hitchc.] HDH, W & J

[A. l. var. robusta Merr.]

[A. p. var. robusta (Merr.) A. Holmgren & N. Holmgren] C

ARRHENATHERUM

elatius (L.) J. & K. Presl

var. elatius

AVENA

fatua L.

[A. f. var. f.] SCS

[A. f. var. glabrata Peterm.] SCS

sativa L.

[A. s. var. s.] SCS

BECKMANNIA

syzigachne (Steud.) Fern.

[B. s. ssp. baicalensis (Kush.) Koyama & Kawano]

BOUTELOUA

curtipendula (Michx.) Torr.

var. curtipendula

eriopoda (Torr.) Torr.

Reported: F. W. Gould, 1979, Ann. Missouri Bot. Gard. 66: 397, 398.

gracilis (H.B.K.) Lag.

var. gracilis

[B. g. (Willd. ex Kunth) Lag. ex Griffiths] PLANTS

[B. g. (H.B.K.) Lag. ex Griffiths var. g.]

- hirsuta Lag.
 var. hirsuta
 simplex Lag.
- BROMUS
- anomalus Rupr. ex Fourn.
 [Bromopsis porteri (Coul.) Holub] W & J
 [Bromus kalmii Gray] GPF?
 [B. p. (Coul.) Nash] GPF
- briziformis Fisch. & Mey.
- carinatus H. & A.
 [B. breviaristatus Buckl.] B, K, P
 [B. c., the marginatus phase] C
 [B. c., the polyanthus phase] C
 [B. c. var. c.] H, SCS
 [B. c. var. linearis Shear] H
 [B. marginatus Nees] B, HDH, K, P
 [B. m. Thunb. ex. Murr. v. b. (Buckl.) Beetle] PLANTS
 [B. polyanthus Scribn.] B, HDH, K, P, PLANTS
 [Ceratochloa m. (Nees ex Steud.) Jackson] W & J
- ciliatus L.
 [Bromopsis c. (L.) Holub] W & J
 [Bromus c. var. c.] SCS
- commutatus Schrad.
- inermis Leyss.
 var. inermis
 [Bromopsis i. (Leys.) Holub ssp. i.] W & J
 [Bromus i.] B, D, P
 [B. i. ssp. i.] GPF, H
 [B. i. ssp. i. var. i.] PLANTS
- var. purpurascens (Hook.) Wagnon
 [Bromopsis pumpelliana (Scribn.) Holub]
 [Bromus i. ssp. pumpellianus (Scribn.) Wagnon var. pumpellianus] H
 [B. i. ssp. pumpellianus (Scribn.) Wagnon var. purpurascens (Hook.) Wagnon]
 PLANTS
 [B. i. ssp. pumpellianus (Scribn.) Wagnon var. tweedyi C. L. Hitchc.] H
 [B. pumpellianus Scribn.] B, HDH, P
 [B. pumpellianus Scribn. var. t. Scribn.] HDH
- japonicus Thunb. ex J. A. Murray
 [B. j. Thunb.]
- pubescens Muhl. ex Willd.
 [Bromopsis vulgaris (Hook.) Holub] W & J
 [Bromus purgans L.] P

secalinus L.

var. *secalinus*

[B. s.] PLANTS, SCS

[B. s. ssp. s.]

squarrosus L.

tectorum L.

[B. t. var. t.] HDH, SCS, W & J

[B. t. var. *glabratus* Spennner] HDH, SCS, W & J

vulgaris (Hook.) Shear

[*Bromopsis v.* (Hook.) Holub] W & J

[*Bromus v.* var. *v.*] SCS

[B. v. var. *eximus* Shear] SCS

BUCHLOË

dactyloides (Nutt.) Engelm.

CALAMAGROSTIS

canadensis (Michx.) Beauv.

[C. *scribneri* Beal] B, HDH, K, P, PLANTS, SCS, W & J

5 varieties have been recognized for our area, see Vascular Plants of the Pacific Northwest.

epigeios (L.) Roth

Cultivated on farm near Powell

inexpansa Gray

[C. i. var. i.] SCS

[C. *stricta* (Timm) Koel. ssp. i. (Gray) C. W. Greene] PLANTS

koelerioides Vasey

montanensis (Scribn.) Scribn. ex Vasey

[C. m. Scribn. ex Vasey] PLANTS

purpurascens R. Br.

var. *purpurascens*

[C. p. ssp. p.] SCS

rubescens Buckl.

scopulorum Jones

stricta (Timm) Koeler

[C. *neglecta* (Ehrh.) Gaertn. et al.] C, HDH, P

[C. n. var. *gracilis* Scribn.] B

[C. n. var. n.]

[C. s. ssp. s. var. s.] PLANTS

CALAMOVILFA

longifolia (Hook.) Scribn.

var. *longifolia*

CATABROSA

aquatica (L.) Beauv.

var. *aquatica*

CENCHRUS

- longispinus* (Hack.) Fern.
 [C. pauciflorus Benth.] HDH, P
- CHLORIS**
- verticillata* Nutt.
- CINNA**
- latifolia* (Trev. ex Goepp.) Griseb.
 [C. l. (Trevir.) Griseb.] SCS
- CRYPSIS**
- alopecuroides* (Pill. & Mitterp.) Schrad.
- DACTYLIS**
- glomerata* L.
 [D. g. var. g.] SCS
- DANTHONIA**
- californica* Boland.
 [D. c. var. c.] SCS
- intermedia* Vasey
parryi Scribn.
spicata (L.) Beauv. ex R. & S.
 [D. s. var. pinetorum Piper]
unispicata (Thurb.) Munro ex Macoun
- DESCHAMPSIA**
- atropurpurea* (Wahlenb.) Scheele
 var. *latifolia* (Hook.) Scribn. ex Macoun
 [Vahlodea a. (Wahlenb.) Fries ex Hartman] PLANTS
 [Vahlodea a. (Wahlenb.) Fries ssp. l. (Hook.) Porsild] SCS, W & J
- brevifolia* R. Br.
 Reduced alpine plants do not appear different enough to even justify a variety
- cespitososa* (L.) Beauv.
 var. *cespitososa*
 [D. c.] GPF
 [D. c. ssp. c.] PLANTS, W & J
 [D. c. ssp. c. var. c.] K, SCS
 [D. c. ssp. *genuina* Lawrence] C, HDH
 [D. c. var. *alpicola* (Rydb.) Löve et al.] W & J
- danthonioides* (Trin.) Munro
 [D. d. (Trin.) Munro ex Benth.]
- elongata* (Hook.) Munro
 [D. e. (Hook.) Munro ex Benth.]
- DICHANTELIUM**
- acuminatum* (Sw.) Gould & Clark
 var. *acuminatum*
 [D. *lanuginosum* (Elliott) Gould var. *fasciculatum* (Torr.) Spellenb.] W & J
 [D. l. var. l.] W & J
 [D. l. var. *sericeum* (Schmoll) Spellenb.] C

[*Panicum a.* Sw.] D2
[*P. huachucae* Asche] HDH
[*P. l.* Elliott]
[*P. l.* var. *f.* (Torr.) Fern.] GPF
[*P. occidentale* Scribn.] H
[*P. tennesseense* Asche] HDH
[*P. thermale* Bol.] B, P

depauperatum (Muhl.) Gould

Reported: F. W. Gould & C. A. Clark, 1978, Ann. Missouri Bot. Gard. 65: 1097, 1098,
1102.

linearifolium (Scribn.) Gould

[*D. l.* (Scribn. ex Nash) Gould] PLANTS
[*D. perlongum* (Nash) Freckmann] W & J
[*Panicum p.* Nash] HDH

oligosanthes (Schult.) Gould

var. *scribnerianum* (Nash) Gould
[*Panicum o.* Schult.] D
[*P. o.* var. *s.* (Nash) Fern.] D2, GPF
[*P. s.* Nash]

wilcoxianum (Vasey) Freckmann

[*D. oligosanthes* (Schult.) Gould var. *w.* (Vasey) Gould & Clark] K, SCS
[*Panicum w.* Vasey]

DIGITARIA

ischaemum (Schreb.) Muhl.

var. *ischaemum*
[*D. i.* (Schreb.) Schreb. ex Muhl.]

sanguinalis (L.) Scop.

DIPACHNE

fasicularis (Lam.) Beauv.

[*Leptochloa f.* (Lam.) Gray]
[*L. f.* var. *f.*] PLANTS

DISTICHLIS

spicata (L.) Greene

var. *stricta* (Torr.) Scribn.
[*D. spicata*] PLANTS
[*D. stricta* (Torr.) Rydb.] D, D2, H, HDH, P, W & J

ECHINOCHLOA

crusgalli (L.) Beauv.

var. *crusgalli*
[*E. c.*] B, C, GPF, H, P

muricata (Beauv.) Fern.

var. *microstachya* Wieg.
[*E. crusgalli* (L.) Beauv.] B, C, H
[*E. c.* var. *mitis* (Pursh) Peterm.] HDH, P, W & J

ELYMUS

albicans (Scribn. & Sm.) Löve

var. albicans

[*Agropyron* a. Scribn. & Sm. var. a.]

[*A. dasystachyum* (Hook.) Scribn.] D, GPF, H

[*A. d.* ssp. a. (Scribn. & Sm.) Dewey var. a.] K

[*Elymus lanceolatus* (Scribn. & Sm.) Gould ssp. a. (Scribn. & J. G. Sm.) Barkworth & Dewey] PLANTS

[*E. l.* ssp. 1.] Löve

[*Elytrigia* d. (Hook.) Löve & Löve ssp. a. (Scribn. & Sm.) Dewey] Dewey

var. griffithsii (Scribn. & Sm. ex Piper) Dorn

[*Agropyron albicans* Scribn. & Sm. var. a.] W & J

[*Agropyron* a. var. g. (Scribn. & Sm.) Beetle]

[*A. dasystachyum* (Hook.) Scribn.]

[*A. d.* ssp. a. (Scribn. & Sm.) Dewey var. g. Scribn. & Sm. ex Piper] K

[*A. g.* Scribn. & Sm.] HDH, P

[*Elymus lanceolatus* (Scribn. & Sm.) Gould ssp. a. (Scribn. & J. G. Sm.) Barkworth & Dewey] PLANTS

[*Elymus* l. (Scribn. & Sm.) Gould ssp. l.] Löve

[*Elytrigia* d. (Hook.) Löve & Löve ssp. a. (Scribn. & Sm.) Dewey] Dewey

canadensis L.

var. canadensis

[*E. c.* ssp. c.] Löve

[*E. c.* var. *brachystachys* (Scribn. & Ball) Farw.] HDH, W & J

[*E. c.* var. *robustus* (Scribn. & Sm.) Mack. & Bush] HDH, W & J

var. hirsutus (Farw.) Dorn

[*E. c.*] B, D, GPF, P

[*E. c.* ssp. *wiegandii* (Fern.) Á. Löve] Löve

[*E. c.* var. c.] PLANTS

[*E. c.* var. w. (Fern.) Bowden]

[*E. w.* Fern.] SCS

cinereus Scribn. & Merr.

[*E. c.* var. c.]

[*E. c.* var. *pubens* (Piper) C. L. Hitchc.]

[*Leymus* c. (Scribn. & Merr.) Löve] Dewey, Löve, PLANTS

diversiglumis Scribn. & Ball

[*E. canadensis* L. ssp. *interruptus* (Buckl.) Á. Löve] Löve

[*E. c.* var. i. (Buckl.) Church] K

[*E. i.* Buckl.] B, D, P, PLANTS, SCS

[*E. virginicus* L. ssp. i. (Buckl.) Löve] Löve

elongatus (Host) Runem.

var. ponticus (Podp.) Dorn

[*Agropyron elongatum* (Host) Beauv.]

[*Elytrigia* p. (Podp.) Holub] PLANTS

- [*Lothopyrum* e. (Host) Löve] Löve
 [*Thinopyrum* e. (Host) Dewey] Dewey
elymoides (Raf.) Swezey
 var. *elymoides*
 [E. e.] Dewey
 [E. e. ssp. e.] PLANTS
 [E. *sitanion* Schult.] Löve
 [*S. hystrix* (Nutt.) J. G. Sm. var. h.]
 [*S. h.* var. *californicum* (J. G. Sm.) F. D. Wilson]
 var. *brevifolius* (J. G. Sm.) Dorn
 [E. e.] Dewey
 [E. e. ssp. b. (J. G. Sm.) Barkworth] PLANTS
 [E. *sitanion* Schult.] Löve
 [*S. hystrix* (Nutt.) J. G. Sm.] D, HDH
 [*S. h.* var. b. (J. G. Sm.) C. L. Hitchc.]
 [*S. longifolium* J. G. Sm.] B, P, W & J
glaucus Buckl.
 var. *glaucus*
 [E. g.] PLANTS
 [E. g. ssp. g.] Löve
 [E. g. ssp. g. var. g.] SCS
x hansenii Scribn.
 [*E. glaucus* x *Sitanion jubatum*] D, H
 [*X Elytisanion* h. (Scribn.) Bowden] C, K, SCS
 [*Sitanion* x h. (Scribn.) J. G. Sm.]
hispidus (Opiz) Melderis
 var. *hispidus*
 [*Agropyron intermedium* (Host) Beauv. var. i.]
 [*Elytrigia* i. (Host) Nevski ssp. i.] Löve, PLANTS
 [*Thinopyrum* i. (Host) Barkw. & Dewey] Dewey
 var. *ruthenicus* (Griseb.) Dorn
 [*Agropyron intermedium* (Host) Beauv. var. *trichophorum* (Link) Halac.]
 [A. t. (Link) Richt.] P
 [*Elytrigia* i. (Host) Nevski] PLANTS
 [*Elytrigia* i. (Host) Nevski ssp. *barbulata* (Schur) Löve] Löve
 [*Thinopyrum* i. (Host) Barkw. & Dewey] Dewey
innovatus Beal
 var. *innovatus*
 [\times *Agroelymus hirtiflorus* (Hitchc.) Bowden] SCS
 [E. h. Hitch.]
 [*Leymus* i. (Beal) Pilger] Dewey, Löve, PLANTS
junceus Fisch.
 [*Psathyrostachys* j. (Fisch.) Nevski] Dewey, PLANTS
 [P. j. ssp. ?] Löve

- lanceolatus* (Scribn. & Sm.) Gould
 var. *lanceolatus*
 [*Agropyron dasystachyum* (Hook.) Scribn.]
 [A. d. ssp. d. var. d.] K
 [A. d. var. d] SCS, W & J
 [E. l. ssp. l.] Löve, PLANTS
 [*Elytrigia* d. (Hook.) Löve & Löve ssp. d.] Dewey
 var. *riparius* (Scribn. & Sm.) Dorn
 [*Agropyron r.* Scribn. & Sm.]
 [A. *dasystachyum* (Hook.) Scribn.] D, GPF, H
 [A. d. var. r. (Scribn. & Sm.) Bowden] C, K, SCS, W & J
 [*E. lanceolatus* (Scribn. & Sm.) Gould ssp. l.] Löve, PLANTS
 [*Elytrigia* d. (Host) Löve & Löve ssp. d.] Dewey
 × *macounii* Vasey
 [× *Agrohordeum m.* (Vasey) Lapage] C, GPF, H, K, W & J
 [× A. m. var. m.] SCS
 [× A. m. var. *valencianum* Bowden] SCS
 [x *Elyhordeum macounii* (Vasey) Barkworth & Dewey] PLANTS
multicaulis Karel. & Kir.
 [*E. triticoides* Buckl.] B, D, DMT, HDH, P, SCS, WU
 [*E. t.* var. *t.*] C, H, W & J
 [*Leymus m.* (Karel. & Kir.) Tzvelev] FE, Löve, PLANTS
 [*L. t.* (Buckl.) Pilger] Dewey, WWS
racemosus Lam.
 [*E. giganteus* Vahl] H, SCS
 [*Leymus r.* (Lam.) Tzvelev] PLANTS
 [*L. r.* ssp. *r.*] FE, Löve
repens (L.) Gould
 [*Agropyron repens* (L.) Beauv.]
 [*Elytrigia r.* (L.) Nevski] Dewey
 [*Elytrigia r.* ssp. ?] Löve
 [*Elytrigia r.* (L.) Desv. ex B. D. Jackson var. *r.*] PLANTS
salinus Jones
 [*E. ambiguus* Vasey & Scribn.] D
 [*E. a.* var. *s.* (Jones) C. L. Hitchc.] H
 [*E. salina* Jones]
 [*Leymus s.* (Jones) Löve] Dewey
 [*L. s.* ssp. *s.*] Löve, PLANTS
 × *saudersii* Vasey
 [*Agropyron saundersii* (Vasey) Hitchc.] HDH, W & J
 [A. × s.]
 [*A. trachycaulum* × *Sitanion hystrix*]
 [× *Agrositanion s.* (Vasey) Bowden] C, K, SCS
 ["*Elymus s.* Vasey"] H1

- × *saxicolus* Scribn. & Sm. ex Scribn.
 [A. × s. (Scribn. & Sm.) Piper]
 [*Agropyron scribneri* Vasey] D
 [A. *spicatum* × *Sitanion hystrix*] H
 [× *Agrositanion saxicola* (Scribn. & Sm.) Bowden] C, K, SCS
 [*Elymus saxicola* Scribn. & J. G. Sm.] PLANTS, pro syn.
 [x *Pseudelymus saxicola* (Scribn. & J. G. Sm.) Barkworth & Dewey] PLANTS
scribneri (Vasey) Jones
 [*Agropyron scribneri* Vasey]
 [E. *trachycaulus* (Link) Gould ex Shinners ssp. s. (Vasey) Löve] Löve
simplex Scribn. & Williams ex Scribn.
 var. *simplex*
 [E. s. Scribn. & Williams] K
 [E. *triticoides* Buckl.] D, H
 [E. t. var. s. (Scribn. & Williams) Hitchc.] HDH, W & J
 [*Leymus s.* (Scribn. & Williams) Dewey] Dewey, Löve, PLANTS
 var. *luxurians* Scribn. & Williams ex Scribn.
 [E. s. Scribn. & Williams] B, C, K, P, SCS
 [E. *triticoides* Buckl.] D, H
 [E. t. var. s. (Scribn. & Williams) Hitchc.] HDH, W & J
 [*Leymus s.* (Scribn. & Williams) Dewey] PLANTS
 [L. t. (Buckl.) Pilger] Löve
smithii (Rydb.) Gould
 [*Agropyron s.*] GPF, K
 [A. s. var. *molle* (Scribn. & Sm.) Jones] HDH, SCS, W & J
 [A. s. var. *palmeri* (Scribn. & Sm.) Heller] HDH, SCS, W & J
 [A. s. var. s.] HDH, SCS, W & J
 [A. s. f. m. (Scribn. & Sm.) Gillett & Senn]
 [A. s. f. s.]
 [Elytrigia s. (Rydb.) Nevski]
 [Pascopyrum s. (Rydb.) Löve] Dewey, Löve, PLANTS
spicatus (Pursh) Gould
 [*Agropyron inerme* (Scribn. & Sm.) Rydb.] HDH, P
 [A. *spicatum* (Pursh) Scribn. & Sm.] D, GPF, HDH, K
 [A. s. var. i. (Scribn. & Sm.) Heller] SCS, W & J
 [A. s. var. s.] H, SCS, W & J
 [A. s. f. *inerme* (Scribn. & Sm.) Beetle]
 [A. s. f. *spicatum*]
 [Pseudoroegneria s. (Pursh) Löve] Dewey
 [P. s. ssp. i. (Scribn. & Sm.) Löve] Löve, PLANTS
 [P. s. ssp. s.] Löve, PLANTS
trachycaulus (Link) Gould ex Shinners
 var. *trachycaulus*
 [*Agropyron caninum* (L.) Beauv.] D

- [A. c. ssp. majus (Vasey) C. L. Hitchc. var. latiglume (Scribn. & Sm.) C. L. Hitchc.]
H
 [A. l. (Scribn. & Sm.) Rydb.]
 [A. t. (Link) Malte ex Lewis]
 [A. t. var. t.] B, C, K, SCS
 [A. t. var. l. (Scribn. & Sm.) Beetle] B, C, K
 [Elymus alaskanus (Scribn. & Merr.) Löve ssp. l. (Scribn. & Sm.) Löve] Löve
 [E. t.] Dewey
 [E. t. ssp. t.] Löve, PLANTS
 var. andinus (Scribn. & Sm.) Dorn
 [Agropyron caninum (L.) Beauv.] D
 [A. c. ssp. majus (Vasey) C. L. Hitchc. var. unilaterale (Vasey) C. L. Hitchc.] H
 [A. subsecundum (Link) Hitchc.]
 [A. s. var. a. (Scribn. & Sm.) Hitchc.] HDH, W & J
 [A. s. var. s.] HDH, W & J
 [A. trachycaulum (Link) Malte var. glaucum (Pease & Moore) Malte]
 [A. t. (Link) Malte ex Lewis var. t.] K
 [A. t. var. u. (Cassidy) Malte] B, C
 [A. t. var. u. (Vasey) Malte] K, SCS
 [Elymus t. (Link) Gould ex Shinners ssp. s. (Link) Gould] Löve
 [E. t. ssp. t.] PLANTS
 triticoides Buckl.
 var. triticoides
 [E. t. ssp. t.] SCS
 [Leymus t. (Buckl.) Pilger] Dewey, Löve, PLANTS
 villosus Muhl. ex Willd.
 [E. v. var. v.] SCS
 [E. virginicus L. ssp. villosus (Muhl.) Löve] Löve
 virginicus L.
 var. virginicus
 [E. v. ssp. v.] Löve
 [E. v. var. australis (Scribn. & Williams) Hitchc.] HDH, W & J
 var. submuticus Hook.
 [E. v. ssp. v.] Löve
ERAGROSTIS
 cilianensis (All.) Lutati ex Janch.
 [E. c. (All.) Lutati]
 [E. c. (All.) Link ex Mosher] SCS
 hypnoides (Lam.) B.S.P
 minor Host
 [E. barrelieri Daveau]
 [E. poaeoides Beauv. ex R. & S.] D, P
 pectinacea (Michx.) Nees
 [E. diffusa Buckl.] B, HDH, P, W & J

[E. p. (Michx.) Nees ex Steud.] PLANTS

spectabilis (Pursh) Steud.

trichodes (Nutt.) Wood

[E. t. var. pilifera (Scheele) Fern.] PLANTS

[E. t. var. t.]

FESTUCA

arundinacea Schreb.

[F. elatior L. var. a. (Schreb.) Celak] HDH

[Lolium a. (Schreb.) S. J. Derbyshire] PLANTS

baffinensis Polunin

brachyphylla Schult. & Schult.

ssp. coloradensis Frederiksen

[F. b. Schult.] P, W & J

[F. b. var. b.] K

[F. b. J. A. Schult. & J. H. Schult.]

[F. ovina L. var. b. (Schult.) Piper] B, HDH

[F. o. var. brevifolia (R. Br.) Wats.]

[F. o. var. brevifolia Munro ex Wats.] SCS in part

hallii (Vasey) Piper

[F. altaica Trin. ssp. h. (Vasey) Harms]

[F. a. ssp. scabrella (Torr. ex Hook.) Hult.] K

[F. s. Torr. ex Hook.] B, C, D, H, HDH, W & J

[F. s. var. s.] SCS

idahoensis Elmer

var. idahoensis

minutiflora Rydb.

occidentalis Hook.

octoflora Walt.

--> Vulpia octoflora (Walt.) Rydb.

pratensis Huds.

[F. elatior L.] K, P

[F. e. var. e.] HDH

[Lolium p. (Huds.) S. J. Derbyshire] PLANTS

rubra L.

var. rubra

var. lanuginosa Mert. & Koch

[F. richardsonii Hook.]

[F. rubra ssp. arenaria (Osbeck) Syme] PLANTS

[F. rubra var. a. (Osbeck) Fries]

[F. rubra var. rubra] SCS

saximontana Rydb.

var. saximontana

[F. ovina L.] B, D, HDH

[F. o. var. o.] SCS
[F. o. var. rydbergii St. Yves]

[F. o. var. s. (Rydb.) Gleason] P
[F. s.] K, W & J

subulata Trin.

thurberi Vasey

GLYCERIA

borealis (Nash) Batch.

elata (Nash ex Rydb.) Jones

grandis Wats.

[G. g. var. g.] PLANTS

[G. maxima (Hartm.) Holmboe ssp. g. (Wats.) Hult.] W & J

[G. m. (Hartm.) O. R. Holmberg ssp. g.] SCS

striata (Lam.) Hitchc.

[G. s. var. stricta (Scribn.) Fern.]

HELIOTRICHON

hookeri (Scribn.) Henr.

[Avenochloa h. (Scribn.) Holub] K, SCS, W & J

HIEROCHLOË

odorata (L.) Beauv.

[H. hirta (Schrank) Borbas ssp. arctica (Presl) Welmarck] W & J

[H. o. ssp. o. var. o.] SCS

HILARIA

jamesii (Torr.) Benth.

[Pleuraphis j. Torr.] PLANTS

HORDEUM

brachyantherum Nevski

[Critesion b. (Nevski) Barkw. & Dewey] Dewey

[C. jubatum (L.) Nevski ssp. breviaristatum (Bowden) Löve & Löve] Löve

× caespitosum Scribn. ex Pammel

[H. brachyantherum × jubatum]

[H. c. Scribn.] B

[H. jubatum L.] C, D, GPF?, H

[H. j. ssp. j.] K, PLANTS

[H. j. var. c. (Scribn. ex Pammel) Hitch.] SCS

[H. j. var. × caespitosum (Scribn.) Hitchc.]

distichon L.

[H. vulgare L.] K, PLANTS

[H. v. ssp. d. (L.) Kornicke] Löve

jubatum L.

[Critesion j. (L.) Nevski] Dewey

[C. j. ssp. j.] Löve

[H. j. ssp. j.] PLANTS

[H. j. var. j.]

leporinum Link

[Critesion murinum (L.) Löve ssp. l. (Link) Löve] Löve

[H. m. L. ssp. l. (Link) Arcang.] PLANTS

pusillum Nutt.

[Critesion p. (Nutt.) Löve ssp. p.]

[H. p. var. p.]

vulgare L.

var. vulgare

[H. v.] PLANTS

[H. v. ssp. v.] Löve

var. trifurcatum (Schlecht.) Alef.

[H. v.] PLANTS

KOELERIA

macrantha (Ledeb.) Schult.

[K. cristata (L.) Pers.] B, H, HDH, K

[K. nitida Nutt.] C, SCS in part

[K. pyramidata (Lam.) Beauv.] GPF, SCS in part

LEERSIA

oryzoides (L.) Sw.

virginica Willd.

[L. v. var. v.] SCS

LEPTOCHLOA

fascicularis (Lam.) Gray

--> Diplachne

LEUCOPOA

kingii (Wats.) W. A. Weber

[Festuca k. (S. Wats.) Cassidy] PLANTS

[Hesperochloa k. (Wats.) Rydb.] H, HDH

LOLIUM

multiflorum Lam.

[L. perenne L. var. m. (Lam.) R. Parnell] SCS

[L. p. var. m. (Lam.) Husnot] PLANTS

perenne L.

[L. p. ssp. p.] PLANTS

[L. p. var. aristatum Willd.] GPF, K

[L. p. var. p.] GPF, K, SCS

persicum Boiss. & Hohen. ex Boiss.

[L. p. Boiss. & Hohen.] SCS

MELICA

bulbosa Geyer ex Porter & Coulter.

var. bulbosa

[M. b.]

smithii (Porter ex Gray) Vasey

spectabilis Scribn.

subulata (Griseb.) Scribn.

var. *pammelii* (Scribn.) C. L. Hitchc.

[M. s.] B, D, P

MONROA

squarrosa (Nutt.) Torr.

[*Munroa* s.]

MUHLENBERGIA

andina (Nutt.) Hitchc.

asperifolia (Nees & Meyen ex Trin.) Parodi

[M. a. (Ness & Meyen) Parodi]

cuspidata (Torr. ex Hook.) Rydb.

filiculmis Vasey

filiformis (Thurb. ex Wats.) Rydb.

[M. f. var. f.] HDH, K, W & J

[M. f. var. *fortis* Kelso]

glomerata (Willd.) Trin.

mexicana (L.) Trin.

[M. m. f. m.]

minutissima (Steud.) Swall.

montana (Nutt.) Hitchc.

pungens Thurb.

racemosa (Michx.) B.S.P.

richardsonis (Trin.) Rydb.

torreyi (Kunth) Hitchc. ex Bush

ORYZOPSIS

asperifolia Michx.

canadensis (Poir.) Torr.

Reported: A. S. Hitchcock, 1950, Manual Grasses U.S., pp. 439, 440.

contracta (B. L. Johnson) Shechter

[*Achnatherum c.* (B. L. Johnson) Barkworth] PLANTS

[*O. hymenoides* (R. & S.) Ricker ex Piper var. *c.* B. L. Johnson] K, P

exigua Thurb.

hymenoides (R. & S.) Ricker ex Piper

[*Achnatherum h.* (Roemer & J. A. Schultes) Barkworth] PLANTS

[*O. h. var. h.*] K

micrantha (Trin. & Rupr.) Thurb.

[*Piptatherum m.* (Trin. & Rupr.) Barkworth] PLANTS

pungens (Torr. ex Spreng.) Hitchc.

swallenii Hitchc. & Spellenb.

[*Achnatherum s.* (C. L. Hitchc. & Spellenberg) Barkworth] PLANTS

PANICUM

capillare L.

[*P. c. var. brevifolium* Vasey ex Rydb. & Shear]

[P. c. var. occidentale Rydb.] B, HDH, K, P, SCS, W & J, WWS
depauperatum Mahl.
--> *Dichanthelium depauperatum* (Muhl.) Gould
lanuginosum Elliott
--> *Dichanthelium acuminatum* (Sw.) Gould & Clark var. a.
linearifolium Scribn. ex Britt. & Brown
--> *Dichanthelium linearifolium* (Scribn.) Gould
miliaceum L.
perlongum Nash
--> *Dichanthelium linearifolium* (Scribn.) Gould
scribnerianum Nash
--> *Dichanthelium oligosanthes* (Schult.) Gould var. s. (Nash) Gould
virgatum L.
[P. v. var. v.]
wilcoxianum Vasey
--> *Dichanthelium wilcoxianum* (Vasey) Freckmann

PHALARIS

arundinacea L.
var. *arundinacea*
[P. a.] PLANTS
[P. a. var. *picta* L.] HDH, W & J
canariensis L.

PHIPPSIA

algida (Phipps) R. Br.

PHLEUM

alpinum L.
var. *alpinum*
[P. a.] PLANTS
[P. *commutatum* Gaudin] W & J
pratense L.
var. *pratense*
[P. p. ssp. p.] PLANTS

PHRAGMITES

australis (Cav.) Trin. ex Steud.
[P. *communis* Trin.] H, HDH

POA

alpina L.
[P. a. var. a.]
annua L.
[P. a. var. a.]
arctica R. Br.
var. *grayana* (Vasey) Dorn
[P. a. R. Br.] B, C, HDH
[P. a. ssp. a.] K, SCS

- [P. a. ssp. g. (Vasey) Löve et al.] D2, K, PLANTS, W & J
- [P. a. ssp. ?] W & J
- [P. g. Vasey] D, H
- [P. longipila Nash] P
- arida Vasey
- bulbosa L.
- compressa L.
- curta Rydb.
- cusickii Vasey
 - var. cusickii
 - [P. c. ssp. c.] B, K, P
 - [P. c. ssp. pubens Keck] B, K, P
 - [P. fendleriana (Steud.) Vasey ssp. f.] PLANTS
 - var. epilis (Scribn.) C. L. Hitchc.
 - [P. e. Scribn.] P
 - [P. fendleriana (Steud.) Vasey ssp. f.] PLANTS
 - fendleriana (Steud.) Vasey
 - [P. f. ssp. f.] PLANTS
 - *[P. f. var. f.]
 - *[P. f. var. longiligula (Scribn. & Williams) Gould]
 - [P. l. Scribn.] B, HDH
 - glaucifolia Scribn. & Williams ex Williams
 - [P. arida Vasey] PLANTS
 - [P. g. Scribn. & Williams] SCS
 - gracillima Vasey
 - var. gracillima
 - [P. secunda J. Presl] PLANTS
 - [P. s. Presl var. stenophylla (Vasey) Beetle] B
 - interior Rydb.
 - [P. glaucantha Gaudin] B?
 - [P. nemoralis L. var. i. (Rydb.) Butters & Abbe] SCS, W & J
 - juncifolia Scribn.
 - var. juncifolia
 - [P. j. ssp. j.] P
 - [P. nevadensis Vasey ex Scribn. var. j. (Scribn.) Beetle] B, K
 - [P. secunda J. Presl] PLANTS
 - var. ampla (Merr.) Dorn
 - [P. a. Merr.]
 - [P. j.] D, H
 - [P. secunda J. Presl] PLANTS
 - leptocoma Trin.
 - [P. l. var. l.] H, SCS
 - [P. paucispicula Scribn. & Merr.] B
 - lettermanii Vasey

- [*Puccinellia* l. (Vasey) Ponert] W & J
nervosa (Hook.) Vasey
 var. *wheeleri* (Vasey) C. L. Hitchc.
 [P. n.] PLANTS
 [P. w. Vasey] PLANTS
nevadensis Vasey ex Scribn.
 [P. secunda J. Presl] PLANTS
palustris L.
 [P. *macroclada* Rydb.] B
pattersonii Vasey
 [P. *abbreviata* R. Br. ssp p. (Vasey) A. & D. Löve & Kapoor] PLANTS
 [P. a. var. p. (Vasey) Löve et al.] W & J
pratensis L.
 [P. *agassizensis* Boivin & Löve] W & J
 [P. *angustifolia* L.] FE
 [P. p. ssp. *agassizensis* (Boivin & Löve) Taylor & Mcbryde]
 [P. p. ssp. *angustifolia* (L.) Gaudin]
 [P. p. ssp. p.]
reflexa Vasey & Scribn.
 [P. *leptocoma* Trin. var. r. (Vasey & Scribn.) Jones] SCS
 [P. r. Vasey & Scribn ex Vasey] PLANTS
rupicola Nash ex Rydb.
 [P. *glauca* Vahl. ssp. r. (Nash ex Rydb.) W. A. Weber] PLANTS
 [P. g. var. r. (Nash ex Rydb.) Boivin] SCS, W & J
secunda Presl
 var. *secunda*
 [P. *sandbergii* Vasey]
 [P. *secunda* J. Presl] PLANTS
 var. *elongata* (Vasey) Dorn
 [P. *canbyi* (Scribn.) Piper]
 [P. c. (Scribn.) T. Howell] SCS
 [P. *scabrella* (Thurb.) Benth. ex Vasey] D, H
 [P. *secunda* J. Presl] PLANTS
 var. *incurva* (Scribn. & Williams ex Scribn.) Beetle
 [P. *incurva* Scribn. & Williams ex Scribn.]
 [P. *sandergii* Vasey] C, SCS
 [P. *secunda* J. Presl] PLANTS
trivialis L.
POLYPOGON
monspeliensis (L.) Desf.
PUCCINELLIA
cusickii Weath.
 [P. *nuttalliana* (Schult.) Hitchc.] K, PLANTS
distans (L.) Parl.

[P. d. var. d.]

[P. d. (Jacq.) Parl.] PLANTS

fernaldii (Hitchc.) Voss

--> *Torreyochloa pallida* (Torr.) Church var. *fernaldii* (Hitchc.) Dore
nuttalliana (Schult.) Hitchc.

[P. airoides (Nutt.) Wats. & Coult.] B, HDH, W & J

pauciflora (Presl) Munz

--> *Torreyochloa pallida* (Torr.) Church var. *pauciflora* (J. Presl) J. Davis

REDFIELDIA

flexuosa (Thurb.) Vasey

SCHEDONNARDUS

paniculatus (Nutt.) Trel.

SCHIZACHNE

purpurascens (Torr.) Swall.

SCHIZACHYRIUM

scoparium (Michx.) Nash

var. *scoparium*

[*Andropogon scoparius* Michx. var. s.]

[S. s.]

SCOLOCHLOA

festucacea (Willd.) Link

SECALE

cereale L.

SETARIA

glauca (L.) Beauv.

[*Pennisetum g.* (L.) R. Br.] PLANTS

[*S. lutescens* (Wieg.) Hubb.] H, HDH

italica (L.) Beauv.

[S. i. var. ?] K

verticillata (L.) Beauv.

var. *verticillata*

[S. v.]

viridis (L.) Beauv.

SITANION

× *hansenii* (Scribn.) J. G. Sm.

--> *Elymus* × *hansenii* Scribn.

hystrix (Nutt.) J. G. Sm.

var. *hystrix*

--> *Elymus elymoides* (Raf.) Swezey var. *elymoides*

var. *brevifolium* (J. G. Sm.) C. L. Hitchc.

--> *Elymus elymoides* (Raf.) Swezey var. *brevifolius* (J. G. Sm.) Dorn

var. *californicum* (J. G. Sm.) F. D. Wilson

--> *Elymus elymoides* (Raf.) Swezey var. *elymoides*

SORGHASTRUM

- nutans* (L.) Nash
 [S. *avenaceum* (Michx.) Nash] GPF, W & J
- SORGHUM**
- halepense* (L.) Pers.
- SPARTINA**
- gracilis* Trin.
pectinata Link
 [S. *p.* var. *p.*] SCS
- SPHENOPHOLIS**
- obtusata* (Michx.) Scribn.
 var. *obtusata*
 [S. *o.*] PLANTS
 var. *major* (Torr.) K. S. Erdm.
 [S. *intermedia* (Rydb.) Rydb.] B, D, H, HDH, P, PLANTS
- SPOROBOLUS**
- airoides* (Torr.) Torr.
 var. *airoides*
 [S. *a.*] PLANTS
asper (Michx.) Kunth
 var. *asper*
 [S. *compositus* (Poir.) Merr. var. *c.*] PLANTS
- cryptandrus* (Torr.) Gray
heterolepis (Gray) Gray
neglectus Nash
 [S. *vaginiflorus* (Torr.) Wood var. *n.* (Nash) Scribn.] GPF
- STIPA**
- × *bloomeri* Boland.
 [Achnatherum × *bloomeri* (Boland.) Barkworth] PLANTS
 [× *Stiporyzopsis bloomeri* (Boland.) B. L. Johnson]
- comata* Trin. & Rupr.
 var. *comata*
 [Hesperostipa *c.* (Trin. & Rupr.) Barkworth ssp. *c.*] PLANTS
 var. *intermedia* Scribn. & Tweedy
 [Hesperostipa *c.* (Trin. & Rupr.) Barkworth ssp. *i.* Scribn. & Tweedy] Barkworth
 PLANTS
- lettermanii* Vasey
 [Achnatherum *l.* (Vasey) Barkworth] PLANTS
- nelsonii* Scribn.
 var. *nelsonii*
 [Achnatherum *n.* (Scribn.) Barkworth ssp. *n.*] PLANTS
 [S. *columbiana* Macoun var. *n.* (Scribn.) St. John] C, K
 [S. *n.* ssp. *n.*] PLANTS
 [S. *n.* ssp. *n.* var. *n.*] SCS
 [S. *occidentalis* var. *n.* (Scribn.) C. L. Hitchc.] H

- [S. williamsii Scribn.] B, D, HDH, K, P, W & J
 var. dorei (Barkw. & Maze) Dorn
 [Achnatherum n. (Scribn.) Barkworth ssp. d. (Barkworth & Maze) Barkworth]
 PLANTS
 [S. columbiana Macoun var. columbiana] C, K
 [S. n. ssp. d. Barkw. & Maze] SCS
 [S. occidentalis Thurb. ex Wats. var. minor (Vasey) C. L. Hitchc.] H
 neomexicana (Thurb. ex Coult.) Scribn.
 [Hesperostipa n. (Thurb. ex Coult.) Barkworth] PLANTS
 [S. n. (Thurb. ex Vasey) Scribn.]
 nevadensis B. L. Johnson
 [Achnatherum n. (B. L. Johnson) Barkworth] PLANTS
 occidentalis Thurb. ex Wats.
 [Achnatherum o. (Thurb. ex S. Wats.) Barkworth ssp. o.] PLANTS
 [S. o. var. o.]
 pinetorum Jones
 [Achnatherum p. (M. E. Jones) Barkworth] PLANTS
 richardsonii Link
 [Achnatherum r. (Link) Barkworth] PLANTS
 robusta (Vasey) Scribn.
 [Achnatherum r. (Vasey) Barkworth] PLANTS
 spartea Trin.
 var. spartea
 [Hesperostipa s. (Trin.) Barkworth] PLANTS
 [S. s.]
 [S. s. var. curtiseta Hitchc.] H, K
 thurberiana Piper
 [Achnatherum t. (Piper) Barkworth] PLANTS
 viridula Trin.
 [Nassella v. (Trin.) Barkworth] PLANTS
- TORREYOCHELOA**
- pallida (Torr.) Church
 var. fernaldii (Hitchc.) Dore
 [Glyceria f. (Hitchc.) St. John] P
 [Puccinellia f. (Hitchc.) Voss]
 [T. p. var. f. (A. S. Hitchc.) Dore ex Koyama & Kawano] PLANTS
 var. pauciflora (J. Presl) J. Davis
 [Glyceria pauciflora Presl] P
 [Puccinellia pauciflora (Presl) Munz] SCS
 [P. pauciflora (Presl) Munz var. holmii (Beal) C. L. Hitchc.]
 [T. pauciflora (Presl) Church] W & J
 [T. pauciflora var. h. (Beal) Taylor & Macbride] K
- TRISETUM**
- spicatum (L.) Richt.

[T. s. ssp. alaskanum (Nash) Hult.] W & J
[T. s. ssp. congdonii (Scribn. & Merr.) Hult.] W & J
[T. s. ssp. majus Hult.] W & J
[T. s. ssp. s. var. s.] SCS
[T. s. var. a. (Nash) Louis-Marie]
[T. s. var. c. (Scribn. & Merr.) Hitchc.]
[T. s. var. s.]

wolfii Vasey

TRITICUM

aestivum L.

[T. × a.] SCS

VULPIA

octoflora (Walt.) Rydb.

[Festuca o. Walt.]

[F. o. var. o.] H

[F. o. var. glauca (Nutt.) Fern.] HDH

[F. o. var. hirtella (Piper) Hitchc.] H, HDH

[F. o. var. tenella (Willd.) Fern.] H, HDH

[V. o. var. o.]

[V. o. var. g. (Nutt.) Fern.] K, SCS

[V. o. var. h. (Piper) Henr.] C, K, SCS

[V. o. var. t. (Willd.) Fern.] C

ZEA

mays L.

POLEMONIACEAE (PLM)

COLLOMIA

debilis (Wats.) Greene

var. debilis

var. trifida Pays.

[C. d. var. d.] C, SCS

[C. d. var. ipomoea Pays.]

grandiflora Dougl. ex Lindl.

linearis Nutt.

tenella Gray

ERIASTRUM

wilcoxii (A. Nels.) Mason

[E. sparsiflorum (Eastw.) Mason var. w. (A. Nels.) Cronq.] C, H

GILIA

leptomeria Gray

var. leptomeria

[G. l.] PLANTS

- [*G. subacaulis* Rydb.]
- ophthalmoides* Brand
 [G. *inconspicua* (J. E. Sm.) Sweet var. i.] C
- pinnatifida* Nutt. ex Gray
 [G. *calcarea* Jones] HDH
 [G. *mcvickerae* Jones] K
 [G. *p.* var. *c.* (Jones) Brand] W & J
- tenerrima* Gray
tweedyi Rydb.
 [G. *inconspicua* (J. E. Sm.) Sweet var. t. (Rydb.) Cronq.] C
 [G. *sinuata* Dougl. var. t. (Rydb.) Cronq.]
- GYMNOSTERIS**
- parvula* Heller
 [G. *p.* (Rydb.) Heller]
- IPOMOPSIS**
- aggregata* (Pursh) V. Grant
 var. *aggregata*
 [Gilia *a.* (Pursh) Spreng. ssp. *euaggregata* Brand] HDH
 [G. *a.* var. *a.*] H, C
 [I. *a.* ssp. *a.*] PLANTS
- var. *attenuata* (Gray) Dorn
 [Gilia *aggregata* (Pursh) Spreng. var. *attenuata* Gray] C, H
 [G. *attenuata* (Gray) A. Nels.] HDH
 [I. *aggregata* ssp. *attenuata* (Gray) V. & A. Grant] PLANTS, SCS
 [I. *aggregata* ssp. *attenuata* (Gray) V. Grant]
 ssp. *weberi* V. Grant & Wilken
 [I. *aggregata* (Pursh) V. Grant var. *attenuta* (Gray) Dorn] D2
- congesta* (Hook.) V. Grant
 var. *congesta*
 [Gilia *c.* Hook. var. *burleyana* (A. Nels.) Const. & Roll.] HDH
 [G. *c.* var. *c.*] C, H, HDH
 [I. *c.* ssp. *c.*] PLANTS
- var. *pseudotypica* (Const. & Roll.) Dorn
 [Gilia *c.* Hook. var. *p.* Const. & Roll.] H
 [I. *c.* ssp. *p.* (Const. & Roll.) Day] PLANTS
- crebrifolia* (Nutt.) Dorn
 [Gilia *congesta* Hook. var. *crebrifolia* (Nutt.) Gray] C, H
 [I. *congesta* (Hook.) V. Grant] D
 [I. *congesta* ssp. *crebrifolia* (Nutt.) Day] K, PLANTS, SCS
- pumila* (Nutt.) V. Grant
 [Gilia *p.* Nutt.] C, HDH
- spicata* (Nutt.) V. Grant
 var. *spicata*
 [Gilia *s.* Nutt.] GPF

- [G. s. var. s.] C, HDH
 [I. s. ssp. s.] PLANTS
 var. cephaloidea (Rydb.) Wilken & R. L. Hartm.
 [Gilia s. Nutt. var. c. (Rydb.) Const. & Roll.] H
 [I. s. ssp. orchidacea (Brand) Wilken & R. L. Hartm. var. c. (Rydb.) Wilken & R. L.
 Hartm.] PLANTS
 var. orchidacea (Brand) Dorn
 [Gilia s. Nutt. var. o. (Brand) Cronq.] H
 [I. s. ssp. o. (Brand) Wilken & R. L. Hartm.] PLANTS
 [I. s. ssp. o. var. o. (Brand) Dorn]
 var. robruthiae (Wilken & R. L. Hartm.) Dorn
 [Gilia s. var. capitata Gray]
 [I. s. ssp. capitata (Gray) V. Grant]
 [I. s. ssp. robruthiorum Wilken & R. L. Hartm.]
 tenuituba (Rydb.) V. Grant
 var. tenuituba
 [G. aggregata (Pursh) Spreng. var. macrosiphon Kearn. & Peeb.] C
 [G. t. Rydb.] HDH
 [I. a. (Pursh) V. Grant var. m. (Kearn. & Peeb.) Dorn]
 [I. a. var. t. (Rydb.) Dorn]
 [I. t. ssp. t.] PLANTS
LEPTODACTYLON
 caespitosum Nutt.
 pungens (Torr.) Nutt.
 var. pungens
 [L. p. (Torr.) Torr. ex Nutt.] PLANTS
 [L. p. ssp. p.] K, SCS
 watsonii (Gray) Rydb.
LINANTHUS
 nuttallii (Gray) Greene ex Milliken
 ssp. nuttallii
 [Linanthastrum n. (Gray) Ewan] C, H, HDH
 [Linanthastrum n. ssp. n.] C
 septentrionalis Mason
 [L. harknessii (Curran) Greene var. s. (Mason) Jeps. & Bailey] HDH, W & J
MICROSTERIS
 gracilis (Hook.) Greene
 var. gracilis
 [M. g. ssp. g.] K
 [Phlox g. (Hook.) Greene ssp. g.] PLANTS
 var. humilior (Hook.) Cronq.
 [M. g. ssp. humilis (Greene) V. Grant] K, W & J
 [M. humilis (Dougl.) Greene] HDH
 [Phlox g. (Hook.) Greene ssp. humilis (Greene) Mason] PLANTS

NAVARRETIA

- breweri (Gray) Greene
intertexta (Benth.) Hook.
var. propinqua (Suksd.) Brand
[N. i. ssp. p. (Suksdorf) Day] PLANTS
[N. p. Suksd.] K, SCS

PHLOX

- alyssifolia Greene
[P. alyssifolia ssp. abdita (A. Nels.) Wherry] K
[P. alyssifolia ssp. alyssifolia] K
[P. alyssifolia ssp. vera Wherry] HDH
andicola E. Nels.
[P. a. ssp. a.] HDH, K, W & J
[P. a. ssp. parvula Wherry] K
[P. a. ssp. planitiarum (A. Nels.) Wherry] HDH, W & J
hoodii Richards.
[P. h. ssp. canescens (T. & G.) Wherry] HDH, K, SCS W & J
[P. h. ssp. glabrata (E. Nels.) Wherry] HDH, K, W & J
[P. h. ssp. h.] HDH, K, W & J
[P. h. ssp. viscidula (Wherry) Wherry] K
[P. h. var. c. (T. & G.) Peck] C
[P. h. var. h.] C
kelseyi Britt.
[P. k. ssp. glandulosa Wherry] K
[P. k. ssp. k.] K
[P. k. ssp. salina (Jones) Wherry]? K
[P. k. var. k.] SCS
longifolia Nutt.
var. longifolia
[P. l.] PLANTS
[P. l. ssp. calva Wherry] HDH, K, W & J
[P. l. ssp. cortezana (A. Nels.) Wherry] HDH, K, W & J
[P. l. ssp. l.] HDH, K, W & J
multiflora A. Nels.
[P. m. ssp. depressa E. Nels.] HDH, K, W & J
[P. m. ssp. m.] HDH, K, W & J
[P. m. ssp. patula (A. Nels.) Wherry] HDH, K, W & J
muscoides Nutt.
[P. bryoides Nutt.]
[P. hoodii Richards. ssp. m. (Nutt.) Wherry] HDH, K, PLANTS, W & J
opalensis Dorn
pulvinata (Wherry) Cronq.
[P. caespitosa Nutt.] D
[P. c. ssp. c.] K

[P. c. ssp. condensata (Gray) Wherry] HDH, K
[P. c. ssp. eucaespitosa Brand] HDH
[P. c. ssp. p. Wherry] HDH, K
[P. sibirica L. ssp. p. (Wherry) W. A. Weber] W & J
[P. variabilis Brand]
[P. v. var. v.] K

pungens Dorn

POLEMONIUM

brandegeei (Gray) Greene

foliosissimum Gray

var. alpinum Brand

[P. f. (Gray) Gray var. a. (Brand) Wherry]

[P. f. (Gray) Gray var. f.] SCS

micranthum Benth.

occidentale Greene

var. occidentale

[P. caeruleum L. ssp. amygdalinum (Wherry) Munz] W & J

[P. o. ssp. o.] PLANTS

pulcherrimum Hook.

var. pulcherrimum

[P. p. var. delicatum (Rydb.) Cronq.] C, H

[P. p. ssp. p.] PLANTS

viscosum Nutt.

[P. v. ssp. mellitum (Gray) J. Davids.]

[P. v. ssp. v.] SCS

POLYGALACEAE (PGL)

POLYGALA

alba Nutt.

var. alba

[P. a.] PLANTS

senega L.

var. senega

verticillata L.

[P. v. var. v.]

POLYGONACEAE (PLG)

ERIOGONUM

acaule Nutt.

alatum Torr.

var. alatum
[E. a. ssp. triste (Wats.) Stokes] HDH

annuum Nutt.

brevicaule Nutt.

var. brevicaule
[E. b. ssp. b. var. b.] D1
[E. b. ssp. grangerense (Jones) Stokes] P
[E. campanulatum Nutt.] HDH

var. canum (Stokes) Dorn
[E. b. ssp. canum (Stokes) Dorn] D
[E. b. ssp. orendense (A. Nels.) Stokes var. c.] D1
[E. lagopus Rydb.] K, PLANTS, SCS

var. laxifolium (T. & G.) Reveal
[E. b. ssp. orendense (A. Nels.) Stokes var. l.] D1
[E. chrysocephalum Gray] D, H, HDH, P

var. micranthum (Nutt.) Reveal
[E. b. ssp. orendense (A. Nels.) Stokes] P
[E. b. ssp. o. var. m.] D1

caespitosum Nutt.

cernuum Nutt.
var. cernuum

corymbosum Benth.
var. corymbosum
[E. c. var. erectum Reveal & Brotherson]
[E. salinum A. Nels.] HDH

divaricatum Hook.

exilifolium Reveal

flavum Nutt.
var. flavum
[E. f. var. crassifolium (Benth.) Benth.] H, P
[E. f. var. polyphyllum (Small) Jones]
[E. f. var. p. (Small ex Rydb.) Jones] SCS

var. piperi (Greene) Jones
[E. f. ssp. p. (Greene) Stokes] H
[E. p. Greene] D, P

gordonii Benth.

heracleoides Nutt.
var. heracleoides
[E. h. var. angustifolium (Nutt.) T. & G.] H, P, SCS

hookeri Wats.

inflatum Torr. & Frém.
Reported: J. L. Reveal, personal communication.

jamesii Benth.
var. flavescens Wats.

[E. arcuatum Greene] HDH
[E. j.] GPF
mancum Rydb.
microthecum Nutt.
var. effusum (Nutt.) T. & G.
[E. e. Nutt. var. e.] PLANTS
[E. microthecum Nutt.] D
var. laxiflorum Hook.
[E. m.] HDH
[E. m. var. foliosum (T. & G.) Reveal]
[E. simpsonii Benth.] HDH
ovalifolium Nutt.
var. ovalifolium
[E. o. var. celsum A. Nels.] H
[E. o. var. multiscapum Gand.]
[E. o. var. nevadense Gand.] SCS
[E. o. var. orthocaulon (Small) C. L. Hitchc.] H
[E. o. var. purpureum (Nutt.) A. Nels. of Reveal
var. ochroleucum (Small ex Rydb.) Peck
[E. ovalifolium var. macropodium (Gand.) Reveal]
[E. ochroleucum Small] HDH
[E. ovalifolium var. ochroleucum (Small) Peck] H, P
[E. ovalifolium var. ovalifolium] W & J
var. purpureum (Nutt.) Durand
[E. o. var. depressum Blank.]
[E. o. var. o. of Reveal
[E. o. var. p. (Nutt.) A. Nels.] P in part
pauciflorum Pursh
[E. multiceps Nees] HDH
[E. p. var. gnaphalodes (Benth.) Reveal]
[E. p. var. g. (Benth. ex Hook.) Reveal] SCS
[E. p. var. p.]
umbellatum Torr.
var. umbellatum
var. aureum (Gand.) Reveal
[E. u.] HDH
[E. u. var. intectum A. Nels.] H, P
[E. u. var. porteri (Small) Stokes] P
[E. u. var. u.] H
var. dichrocephalum Gand.
[E. subalpinum Greene in part] HDH, P, W & J
[E. u. var. aridum (Greene) C. L. Hitchc.] H
var. majus Hook.
[E. subalpinum Greene in part] HDH, P, W & J

- [E. u. var. s. (Greene) Jones] H
- FAGOPYRUM
 esculentum Moench
 Cultivated
 [F. sagittatum Gilib.] SCS
- KOENIGIA
 islandica L.
- OXYRIA
 digyna (L.) Hill
- OXYTHECA
 dendroidea Nutt.
 ssp. dendroidea
 [O. d.] PLANTS
- POLYGONUM
 achoreum Blake
 amphibium L.
 var. emersum Michx.
 [Persicaria coccinea (Muhl.) Greene] W & J
 [Polygonum a. L.] D
 [P. c. Muhl.]
 [P. c. f. natans (Wieg.) Stanford] HDH
 [P. c. f. terrestre (Willd.) Stanford] HDH
 var. stipulaceum Coleman
 [Persicaria a. (L.) S. F. Gray] W & J
 [Polygonum a.]
- aviculare L.
 [P. arenastrum Boreau] SCS
 [P. arenastrum Jord. ex Boreau] GPF
 [P. aviculare var. aviculare]
 [P. aviculare var. vegetatum Ledeb.]
- bicornis Raf.
 [P. longistylum Small]
 [P. pensylvanicum L.] K, PLANTS, SCS
- bistortoides Pursh
 [Bistorta b. (Pursh) Small] W & J
 [P. b. var. b.] HDH
 [P. b. var. linearifolium (Wats.) Small] HDH
- convolvulus L.
 [Fallopia c. (L.) Löve] W & J
 [P. c. var. c.]
- douglasii Greene
 var. douglasii
 [P. d.] GPF
 [P. d. ssp. d.] PLANTS

- [P. d. var. latifolium (Engelm.) Greene]
 [P. montanum (Small) Greene] HDH
 var. austiniaae (Greene) Jones
 [P. a. Greene] H, SCS
 [P. d.] GPF, HDH
 [P. d. ssp. a. (Greene) E. Murr.] PLANTS
 [P. d. var. d.] W & J?
 var. microspermum (Engelm.) Dorn
 [P. d.] D, GPF?
 [P. d. ssp. engelmannii (Greene) Kartesz & Gandhi] PLANTS
 [P. e. Greene]
 erectum L.
 kelloggii Greene
 var. kelloggii
 [P. k.]
 [P. polygaloides Wallich ex Meisn. ssp. k. (Greene) Hickman] PLANTS
 var. confertiflorum (Nutt. ex Piper) Dorn
 [P. c. Nutt. ex Piper]
 [P. kelloggii Greene] D
 [P. polygaloides Wallich ex Meisn. ssp. c. (Nutt. ex Piper) Hickman] PLANTS
 [P. watsonii Small] HDH, W & J
 lapathifolium L.
 [Persicaria l. (L.) S. F. Gray] W & J
 [Polygonum incanum F. W. Schmidt] HDH
 [P. incarnatum Elliott] HDH
 [P. l. var. l.]
 [P. l. var. nodosum (Pers.) Small] HDH
 [P. l. var. salicifolium Sibth.]
 minimum Wats.
 pensylvanicum L.
 [Persicaria p. (L.) Small] W & J
 [Polygonum longistylum Small var. omissum (Greene) Stanford] HDH
 persicaria L.
 [Persicaria maculata (Raf.) S. F. Gray] W & J
 [Polygonum p. var. p.]
 ramosissimum Michx.
 [P. exsertum Small] HDH, W & J
 [P. r. var. prolificum Small]
 [P. r. var. r.]
 sawatchense Small
 [P. douglasii Greene] GPF
 [P. d. var. johnstonii Munz] K, SCS
 [P. d. var. j. (Munz) Hickman] PLANTS
 scandens L.

- var. scandens
 [Fallopia s. (L.) Holub] W & J
 sperrulariiforme Meisn. ex Small
 [P. douglasii Greene ssp. s. (Meisn. ex Small) Hickman] PLANTS
 viviparum L.
 [P. v. var. v.]
 watsonii Small
 [P. confertiflorum Nutt. ex Piper] K, SCS
 [P. polygaloides Wallich ex Meisn. ssp. c. (Nutt. ex Piper) Hickman] PLANTS
- RHEUM
- rhabarbarum L.
 [R. rhabonticum L.] misapplied
- RUMEX
- acetosa L.
 ssp. acetosa
 acetosella L.
 [Acetosella vulgaris (Koch) Fourn.] W & J
 [R. a. ssp. a.]
- aquaticus L.
 var. fenestratus (Greene) Dorn
 [R. occidentalis Wats. var. o.]
 [R. o. var. fenestratus (Greene) Lapage] K
- crispus L.
 densiflorus Osterh.
 [R. praecox Rydb.] HDH
 [R. pycanthus Rech. f.] HDH
- hymenosepalus Torr.
 [R. h. var. eu-hymenosepalus Rech. f.] HDH
 [R. h. var. h.]
 [R. h. var. salinus (A. Nels.) Rech. f.]
- maritimus L.
 var. fueginus (Phil.) Dusén
 [R. f. Phil.] HDH, SCS
 [R. m.] PLANTS
- patientia L.
 paucifolius Nutt.
 [R. p. ssp. p.]
 [R. p. Nutt. ex Wats. ssp. p.] SCS
- salicifolius Weinm.
 var. triangulivalvis (Danser) Hickman
 [R. mexicanus Meisn.] GPF
 [R. s. Weinm.] D
 [R. s. ssp. t. Danser var. t.] H, W & J
 [R. s. var. m. (Meisn.) C. L. Hitch.] PLANTS

- [R. t. (Danser) Rech. f.]
- [R. t. var. t.] K
- stenophyllus Ledeb.
- utahensis Rech. f.
- [R. mexicanus Meisn.] SCS
- [R. salicifolius Weinm. ssp. triangulivalvis Danser var. montigenitus Jeps.] H, W & J
- [R. s. var. denticulatus Torr.] PLANTS
- venosus Pursh
- STENOGONUM**
- salsuginosum Nutt.
- [Eriogonum s. (Nutt.) Hook.] D, HDH, P, W & J

POR PORTULACACEAE (POR)

- CISTANTHE**
- rosea (Wats.) Hershkovitz
- [Calyptodium roseum Wats.]
- umbellata (Torr.) Hershkovitz
- var. caudicifera (Gray) Kartesz & Gandhi
- [Calyptodium u. (Torr.) Greene] K
- [Spraguea u. Torr.]
- [S. u. var. u.] SCS
- [S. u. var. c. Gray]
- CLAYTONIA**
- lanceolata Pursh
- var. lanceolata
- [C. l. var. multiscapa (Rydb.) C. L. Hitchc.]
- var. flava (A. Nels.) C. L. Hitchc.
- [C. l. var. l.] SCS
- megarhiza (Gray) Parry ex Wats.
- var. megarhiza
- [C. l. var. l.] SCS
- perfoliata Donn
- [C. p. Donn ex Willd.] PLANTS
- [C. p. Donn ex Willd. ssp. p. var. p.] K?, SCS
- [C. rubra (Howell) Tidestr.] K?
- [Montia p. (Donn) Howell var. p.]
- [M. p. var. depressa (Gray) Jeps.] HDH
- umbellata Wats.
- LEWISIA**
- pygmaea (Gray) Robins.
- var. pygmaea

[*L. nevadensis* (Gray) Robins.] K, W & J
[*L. p.*] PLANTS
[*L. p. ssp. glandulosa* (Rydb.) Ferris] SCS
[*L. p. ssp. p.*] K
[*L. p. var. n.* (Gray) Fosb.] H, HDH, P

rediviva Pursh

var. *rediviva*

[*L. r. ssp. r.*] K

triphylla (Wats.) Robins.

MONTIA

chamissoi (Ledeb. ex Spreng.) Greene

[*Crunocallis c.* (Ledeb.) Rydb.] W & J

[*M. c.* (Ledeb.) Dur. & Jackson] HDH, P

[*M. c.* (Ledeb.) Robins. & Fern.] H

MONTIASTRUM

lineare (Dougl. ex Hook.) Rydb.

[*Montia linearis* (Dougl. ex Hook.) Greene] PLANTS

PORTULACA

oleracea L.

TALINUM

parviflorum Nutt.

[*T. p.* Nutt. ex T. & G.]

POTAMOGETONACEAE (POT)

POTAMOGETON

alpinus Balbis

[*P. a. var. subellipticus* (Fern.) Ogden] HDH, W & J

[*P. a. var. tenuifolius* (Raf.) Ogden] HDH, W & J

amplifolius Tuckerm.

crispus L.

diversifolius Raf.

epiphydrus Raf.

[*P. e. var. nuttallii* (Cham. & Schlect.) Fern.] HDH, W & J

filiformis Pers.

[*P. f. var. alpinus* (Blytt) Asch. & Graebn.]

[*P. f. var. borealis* (Raf.) St. John] H, HDH, P

[*P. f. var. macounii* (Morong) Morong] H, HDH, P

[*P. f. var. occidentalis* (J. W. Robins.) Morong]

foliosus Raf.

[*P. f. var. f.*] P

[*P. f. var. fibrillosus* (Fern.) Haynes & Reveal]

[P. f. var. macellus Fern.] H, HDH, P
friesii Rupr.
gramineus L.
[P. g. var. g.] HDH, W & J
[P. g. var. maximus Morong ex Benn.] HDH, W & J
illinoensis Morong
natans L.
nodosus Poir.
obtusifolius Mert. & Koch
pectinatus L.
praelongus Wulf.
pusillus L.
var. pusillus
[P. berchtoldii Fieb.] H, HDH, W & J
[P. p.] P
[P. p. var. tenuissimus Mert. & Koch]
richardsonii (Benn.) Rydb.
[P. perfoliatus L. ssp. r. (Benn.) Hult.] W & J
robbinsii Oakes
strictifolius Benn.
[P. s. var. rutiloides Fern.] HDH, W & J
vaginatus Turcz.
zosteriformis Fern.

PRIMULACEAE (PRM)

ANDROSACE

chamaejasme Wulf.
var. carinata (Torr.) Knuth
[A. carinata Torr.] HDH
[A. chamaejasme ssp. carinata (Torr.) Hult.] K, PLANTS, W & J
[A. chamaejasme Jacq. ex Willd. ssp. chamaejasme] SCS?
[A. lemanniana Spreng.] H
filiformis Retz.
occidentalis Pursh
[A. o. f. o.] HDH, W & J
[A. o. f. simplex (Rydb.) Robbins] HDH, W & J
[A. o. var. o.] SCS
septentrionalis L.
var. subulifera Gray
[A. septentrionalis ssp. subulifera (Gray) G. T. Robbins] PLANTS
[A. septentrionalis var. puberulenta (Rydb.) Knuth]
[A. septentrionalis var. subumbellata A. Nels.]

CENTUNCULUS

minimus L.

[*Anagallis m.* (L.) Krause] K, PLANTS

DODECATHEON

conjugens Greene

var. *conjugens*

jeffreyi van Houtte

pulchellum (Raf.) Merr.

var. *pulchellum*

[*D. pauciflorum*] GPF, SCS

[*D. pauciflorum* ssp. *pauciflorum* (Dur.) Hult.]

[*D. pauciflorum* var. *pauciflorum*] H1

[*D. pauciflorum* var. *watsonii* (Tidestr.) C. L. Hitchc.] H1

[*D. pulchellum* ssp. *pulchellum*] K, PLANTS

[*D. pulchellum* ssp. *pulchellum* var. *pulchellum*] SCS

[*D. pulchellum* ssp. *pulchellum* var. *watsonii* (Tidestr.) Boivin] SCS

[*D. radicatum* Greene] HDH

DOUGLASIA

montana Gray

[*D. m.* var. *biflora* (A. Nels.) Knuth]

[*D. m.* var. *m.*]

GLAUX

maritima L.

[*G. m.* var. *angustifolia* Boivin] W & J

[*G. m.* var. *m.*] K. SCS

LYSIMACHIA

ciliata L.

[*Steironema c.* (L.) Raf.] H1

thyrsiflora L.

PRIMULA

egaliksensis Wormskj. ex Hornem.

[*P. e.* Wormskj.]

incana Jones

parryi Gray

RANUNCULACEAE (RAN)

ACONITUM

columbianum Nutt.

var. *columbianum*

[*A. c.*] PLANTS

[*A. c.* var. *bakeri* (Greene) Harrington] HDH, W & J

[*A. ramosum* A. Nels.] P
var. *ochroleucum* A. Nels.
[*A. c.* ssp. c.] PLANTS

ACTAEA

rubra (Ait.) Willd.
[*A. arguta* Nutt. ex T. & G.] HDH
[*A. r.* ssp. *a.* (Nutt. ex T. & G.) Hult.] K, P, W & J

ANEMONE

canadensis L.
cylindrica Gray
lithophila Rydb.
[*A. drummondii* Wats. var. *l.* (Rydb.) C. L. Hitchc.] H, SCS
multifida Poir.
var. *multifida*
[*A. globosa* Nutt. ex Pritz.] HDH
[*A. m.* var. *g.* (Nutt. ex Pritz.) T. & G.] K, W & J
[*A. m.* var. *hudsoniana* DC.] K
[*A. m.* var. *richardsoniana* Fern.] K, SCS
[*A. m.* var. *saxicola* Boivin] K, SCS, W & J

narcissiflora L.
[*A. n.* ssp. *zephyra* (A. Nels.) Löve et al.]

parviflora Michx.

patens L.

var. *multifida* Pritz.
[*Pulsatilla ludoviciana* (Nutt.) Heller] HDH
[*P. p.* (L.) Mill. ssp. *multifida* (Pritz.) Zamels] K, PLANTS, SCS, W & J

tetonensis Porter ex Britt.

[*A. multifida* Poir. var. *t.* (Porter ex Britt.) C. L. Hitchc.]

virginiana L.

AQUILEGIA

brevistyla Hook.

coerulea James

var. *coerulea*
[*A. caerulea* James var. *caerulea*]
[*A. caerulea* var. *alpina* A. Nels.] K, P
[*A. caerulea* var. *ochroleuca*]
[*A. coerulea* var. *alpina* A. Nels.]
[*A. coerulea* var. *ochroleuca* Hook.] SCS

flavescens Wats.

var. *flavescens*

var. *× miniata* Nels. & Macbr.

[*A. m.*]

[*A. f.*] SCS

[*A. f.* var. *m.*] PLANTS

formosa Fisch. ex DC.

 var. *formosa*

jonesii Parry

 [A. *j.* var. *j.*]

laramiensis A. Nels.

CALTHA

leptosepala DC.

 var. *leptosepala*

 [C. *l.* ssp. *l.*] PLANTS

 [C. *l.* ssp. *l.* var. *l.*]

CLEMATIS

columbiana (Nutt.) T. & G.

 var. *columbiana*

 [C. *occidentalis* (Hornem.) DC. var. *grosseserrata* (Rydb.) J. Pringle] K

 [C. *pseudoalpina* (Kuntze) A. Nels.] H, HDH

 [C. *p.* var. *p.*] P

 var. *tenuiloba* (Gray) J. Pringle

 [C. *occidentalis* (Hornem.) DC. var. *grosseserrata* (Rydb.) J. Pringle] K

 [C. *pseudoalpina* (Kuntze) A. Nels.] HDH

 [C. *p.* var. *t.* (Gray) A. Nels.] P

 [C. *t.* (Gray) C. L. Hitchc.] H

hirsutissima Pursh

 var. *hirsutissima*

 var. *scottii* (Porter) Erickson

 [C. *s.* Porter & Coulter.] K

ligusticifolia Nutt.

 var. *ligusticifolia*

occidentalis (Hornem.) DC.

 var. *grosseserrata* (Rydb.) J. Pringle

 [C. *columbiana* (Nutt.) T. & G.] HDH, P

 [C. *c.* var. *c.*] H

DELPHINIUM

barbeyi (Huth) Huth

bicolor Nutt.

burkei Greene

 [D. *b.* ssp. *distichiflorum* (Hook.) Ewan] P

 [D. *x burkei*] PLANTS

geyeri Greene

glaucum Wats.

nuttallianum Pritz. ex Walp.

 var. *nuttallinum*

 [D. *nelsonii* Greene]

occidentale (Wats.) Wats.

 [D. *x o.*] PLANTS

[D. o. ssp. cucullatum (A. Nels.) Ewan] HDH, K, P, W & J
[D. o. ssp. o.] HDH, K, P, W & J
[D. o. var. c. (A. Nels.) R. J. Davis] H

MYOSURUS

apetalus Gay

var. borealis Whittemore

[M. aristatus Benth.] PLANTS

[M. aristatus Benth. ex Hook.] D, DMT, GPF, K, H, HDH, SCS

var. montanus (Campb.) Whittemore

[M. aristatus Benth.] PLANTS

[M. aristatus Benth. ex Hook. ssp. m.]

[M. minimus L. ssp. montanus Campbell] HDH, K, SCS

minimus L.

var. minimus

[M. m. ssp. m.] HDH, PLANTS

RANUNCULUS

abortivus L.

var. abortivus

[R. a. L. ssp. a.] SCS

[R. abortivus ssp. acrolasius (Fern.) Kapoor & Löve] W & J

aciformis Gray

var. aciformis

var. montanensis (Rydb.) Benson

acris L.

var. acris

adoneus Gray

[R. a. var. a.] HDH, K, SCS, W & J

[R. adoneus var. alpinus (Wats.) Benson] HDH, K, SCS, W & J

[R. eschscholtzii Schlecht. var. alpinus (Wats.) C. L. Hitchc.] H

alismifolius Geyer ex Benth.

var. davisii Benson

var. hartwegii (Greene) Jeps.

[R. a. var. a.] PLANTS

var. montanus Wats.

aquatilis L.

var. capillaceus (Thuill.) DC.

[R. a. var. diffusa With.] FNA

[R. trichophyllum Chaix] W & J

[R. t. ssp. t.] SCS

[R. t. var. t.] PLANTS

var. hispidulus E. Drew

[R. a.] PLANTS

[R. a. var. a.] FNA

cardiophyllum Hook.

[R. c. var. c.] SCS
circinatus Sibth.
 var. *subrigidus* (W. Drew) Benson
 [R. *aquatalis* L. var. *diffusa* With.] FNA
 [R. c. Sibthorp] PLANTS
 [R. *longirostris* Godr.] PLANTS
 [R. s. W. Drew] GPF, H, SCS
cymbalaria Pursh
 var. *cymbalaria*
 var. *alpinus* Hook.
 [R. c. var. c.] PLANTS, SCS
 var. *saximontanus* Fern.
eschscholtzii Schlecht.
 var. *eschscholtzii*
 var. *eximus* (Greene) Benson
 [R. *eximus* Greene] PLANTS
 [R. *eschscholtzii* var. *suksdorfii* (Gray) Benson] H
 var. *trisectus* (Eastw.) Benson
flabellaris Raf.
flammula L.
 var. *filiformis* (Michx.) Hook.
 [R. *flammula* var. *ovalis* (Bigel.) Benson] HDH, K, P, SCS
 [R. *reptans* L.] W & J
glaberrimus Hook.
 var. *ellipticus* (Greene) Greene
 [R. g. var. e. Greene]
gmelinii DC.
 var. *purshii* (Richards.) Hara
 [R. g. var. *hookeri* (G. Don) Benson]
inamoenus Greene
 var. *inamoenus*
 var. *alpeophilus* (A. Nels.) Benson
 [R. i.] SCS
jovis A. Nels.
longirostris Godr.
 [R. *aquatalis* L. var. *diffusa* With.] FNA
macounii Britt.
natans C. A. Mey.
 var. *intertextus* (Greene) Benson
 [R. *hyperboreus* Rottb. ssp. i. (Greene) Kapoor & Löve] W & J
 [R. h. Rottb. var. h.] PLANTS
occidentalis Nutt.
 var. *dissectus* Henders.
 Based on a misidentification

- orthorhynchus* Hook.
 var. *platyphyllus* Gray
 [R. o. var. o.] PLANTS
pedatifidus J. E. Sm.
 var. *affinis* (R. Br.) Benson
pensylvanicus L. f.
pygmaeus Wahlenb.
 var. *pygmaeus*
ranunculinus (Nutt.) Rydb.
repens L.
 var. *repens*
 var. *pleniflorus* Fern.
 [R. r.] SCS
 [R. r. var. *degeneratus* Schur] PLANTS
sceleratus L.
 var. *multifidus* Nutt.
testiculatus Crantz
 [Ceratocephala *testiculata* (Crantz) Bess.] PLANTS
 [Ceratocephalus *testiculatus* (Crantz) Roth] FE, W & J
uncinatus D. Don ex G. Don
 var. *uncinatus*
 var. *parviflorus* (Torr.) Benson
verecundus Robins. ex Piper
THALICTRUM
alpinum L.
 [T. a. var. *hebetum* Boivin]
dasycarpum Fisch. & Avé-Lall.
 [T. d. Fisch. et al.]
 [T. d. var. d.]
fendleri Engelm. ex Gray
 var. *fendleri*
occidentale Gray
 [T. o. var. *palousense* St. John]
revolutum DC.
sparsiflorum Turcz. ex Fisch. & Mey.
 var. *saximontanum* Boivin
venulosum Trel.
TRAUTVETTERIA
caroliniensis (Walt.) Vail
 [T. c. var. *occidentalis* (Gray) C. L. Hitchc.]
TROLLIUS
laxus Salisb.
 var. *albiflorus* Gray
 [T. l. ssp. a. (Gray) Löve et al.] K, PLANTS, W & J

[T. l. var. l.] SCS

RESEDACEAE (RSD)

RESEDA

lutea L.

RHAMNACEAE (RHM)

CEANOTHUS

fendleri Gray

[C. f. var. f.] SCS

herbaceus Raf.

[C. h. var. h.] SCS

[C. h. var. pubescens (T. & G.) Shinners] GPF, SCS

[C. ovatus Desf.] HDH, P

martinii Jones

velutinus Dougl. ex Hook.

var. *velutinus*

RHAMNUS

alnifolia L'Her.

cathartica L.

frangula L.

[*Frangula alnus* Mill.] PLANTS

ROSACEAE (ROS)

AGRIMONIA

gryposepala Wallr.

striata Michx.

AMELANCHIER

alnifolia (Nutt.) Nutt. ex Roem.

var. *alnifolia*

[A. a. (Nutt.) Nutt. ex M. Roem.] SCS

[A. a. (Nutt.) Nutt. var. a.]

var. *pumila* (T. & G.) A. Nels.

[A. a. (Nutt.) Nutt. ex M. Roem.] SCS

[A. a. (Nutt.) Nutt. var. p. (Nutt.) A. Nels.]

[A. a. (Nutt.) Nutt. ex M. Roem. var. p. (T. & G.) Schneid.] PLANTS, pro syn.

[A. p. Nutt. ex T. & G.] HDH, K, W & J

[A. p. (T. & G.) Nutt. ex M. Roem.] PLANTS

- utahensis* Koehne
 [A. u. var. u.]
CERCOCARPUS
ledifolius Nutt.
 var. *ledifolius*
 var. *intercedens* C. K. Schneid.
 [C. *intricatus* Wats.] HDH, SCS, W & J
 [C. l. var. *intricatus* (Wats.) Jones] K
 var. *intricatus* (Wats.) Jones
 [C. i. Wats.] HDH, SCS, W & J, WU, WWS
 [C. i. var. i.] PLANTS
montanus Raf.
 var. *montanus*
CHAMAERHODOS
erecta (L.) Bunge
 var. *parviflora* (Nutt.) C. L. Hitchc.
 [C. e. ssp. *nuttallii* (Pickering ex T. & G.) Hult.] K, W & J
 [C. e. ssp. n. (Pickering ex Rydb.) Hult.] PLANTS, SCS
 [C. n. (T. & G.) Pickering] HDH
CRATAEGUS
columbiana Howell
 var. *chrysocarpa* (Ashe) Dorn
 [C. *chrysocarpa* Ashe] PLANTS
 var. *occidentalis* (Britt.) Dorn
 [C. *columbiana* Howell] D
 [C. *macrantha* Lodd. var. o. (Britt. & Palmer) Eggest.] fide Phipps
 [C. *succulenta* Schrad. ex Link] PLANTS
douglasii Lindl.
 var. *douglasii*
 var. *rivularis* (Nutt.) Sarg.
 [C. d.] SCS
 [C. r. Nutt.] HDH, K, P, PLANTS, W & J
DRYAS
octopetala L.
 var. *hookeriana* (Juz.) Breit.
 [D. o. ssp. h. (Juz.) Hult.] K, PLANTS, SCS, W & J
 [D. o. ssp. o. var. *angustifolia* C. L. Hitchc.] K, SCS
 [D. o. var. a.] H
FRAGARIA
vesca L.
 [F. *americana* (Porter) Britt.] HDH
 [F. v. ssp. a. (Porter) Staudt] PLANTS
 [F. v. ssp. *bracteata* (Heller) Staudt] K, SCS
 [F. v. var. b. (Heller) R. J. Davis]

virginiana Mill.

[*F. ovalis* (Lehm.) Rydb.] HDH

[*F. v. Duchn.* ssp. *glauca* (Wats.) Staudt] K, PLANTS, SCS

[*F. v. Duchn.* var. *g.* Wats.]

GEUM

aleppicum Jacq.

[*G. a. ssp. strictum* (Ait.) Clausen] W & J

[*G. a. ssp. s. f. decurrentes* (Rydb.) W. A. Weber] W & J

[*G. a. var. s.* (Ait.) Fern.] GPF

[*G. s. Ait. var. d.* (Rydb.) Kearn. & Peeb.] HDH

[*G. s. var. s.*] HDH

canadense Jacq.

[*G. c. var. camporum* (Rydb.) Fern. & Weath.]

macrophyllum Willd.

var. *perincisum* (Rydb.) Raup

[*G. p.* Rydb.] K

rivale L.

rossii (R. Br.) Ser.

var. *turbinatum* (Rydb.) C. L. Hitchc.

[*Acomastylis r.* (R. Br.) Greene ssp. *t.* (Rydb.) W. A. Weber] W & J

[*G. t.* Rydb.] HDH

triflorum Pursh

var. *triflorum*

[*Erythrocoma t.* (Pursh) Greene] W & J

[*G. ciliatum* Pursh var. *griseum* (Greene) Kearn. & Peeb.] HDH

var. *ciliatum* (Pursh) Fass.

[*G. c.* Pursh] HDH

HOLODISCUS

dumosus (Nutt. ex Hook.) Heller

var. *dumosus*

[*H. d.*] PLANTS

HORKELIA

fusca Lindl.

var. *parviflora* (Nutt. ex H. & A.) Peck

[*H. f. ssp. p.* (Nutt. ex H. & A.) Keck] K, P

[*H. f. ssp. p.* (Nutt. ex T. & G.) Keck] PLANTS, SCS

[*H. f. var. p.* (Nutt. ex T. & G.) Wawra] PLANTS, pro syn.

IVESIA

gordonii (Hook.) T. & G.

[*Horkelia g.* Hook.] SCS

KELSEYA

uniflora (Wats.) Rydb.

PETROPHYTON

caespitosum (Nutt.) Rydb.

[P. c. ssp. c.] SCS
[P. c. var. c.]
[Petrophytum c.]
[Spiraea c. Nutt.] HDH

PHYSOCARPUS

alternans (Jones) Howell
malvaceus (Greene) Kuntze
monogynus (Torr.) Coul.

POTENTILLA

ambigens Greene
[P. hippiana Lehm] D, H?

anserina L.

[Argentina a. (L.) Rydb.] PLANTS, W & J
[P. a. ssp. a.] K, SCS
[P. a. var. a.]
[P. a. var. sericea (L.) Hayne] HDH

argentea L.

arguta Pursh

[Drymocallis a. (Pursh) Rydb.] W & J
[P. a. ssp. a.] HDH, K, SCS
[P. a. ssp. convallaria (Rydb.) Keck]
[P. a. var. a.]
[P. a. var. c. (Rydb.) T. Wolf]

biennis Greene

bipinnatifida Dougl. ex Hook.

[P. b. var. b.]
[P. b. var. glabrata (Hook.) Kohli & Packer]
[P. pensylvanica L.] D, GPF, H, HDH, SCS, W & J

brevifolia Nutt. ex T. & G.

concinna Richards.

var. concinna

[P. quinquefolia Rydb.]
var. bicrenata (Rydb.) Welsh & B. C. Johnst.

[P. c.] D, GPF, HDH
[P. c. var. c.] H, K, SCS, W & J

diversifolia Lehm.

var. diversifolia

var. perdissecta (Rydb.) C. L. Hitchc.
[P. d.] D, SCS

fissa Nutt.

[Drymocallis f. (Nutt.) Rydb.] W & J

flabellifolia Hook. ex T. & G.

var. flabellifolia

[P. f.] PLANTS

fruticosa L.

[*Pentaphylloides floribunda* (Pursh) A. Löve] D, D2, PLANTS, W & J

[*Potentilla fruticosa* ssp. *floribunda* (Pursh) Elking.] K, SCS

[*Potentilla fruticosa* ssp. *fruticosa*] SCS

glandulosa Lindl.

var. *pseudorupes* (Rydb.) Breit.

[*Drymocallis* g. (Lindl.) Rydb.] W & J

[P. g.] D, SCS

[P. g. ssp. *glabrata* (Rydb.) Keck] HDH, K

[P. g. ssp. p. (Rydb.) Keck] K, PLANTS

[P. g. var. *intermedia* (Rydb.) C. L. Hitchc.]

[P. g. var. p. (Rydb.) C. L. Hitchc.]

gracilis Dougl. ex Hook.

var. *brunnescens* (Rydb.) C. L. Hitchc.

[P. b. Rydb.] HDH

[P. g.] D

var. *elmeri* (Rydb.) Jeps.

[P. g.] D

[P. *pectinisepta* Rydb.] HDH, PLANTS, W & J

var. *flabelliformis* (Lehm.) Nutt. ex T. & G.

[P. f. Lehm.]

[P. g.] D

var. *nuttallii* (Lehm.) Sheld.

[P. g.] D

[P. g. ssp. n. (Lehm.) Keck] HDH, W & J

[P. g. var. *fastigiata* (Nutt.) S. Wats.] PLANTS

[P. g. var. *glabrata* (Lehm.) C. L. Hitchc.]

var. *pulcherrima* (Lehm.) Fern.

[P. g.] D

[P. p. Lehm.] PLANTS

hippiana Lehm.

var. *hippiana*

[P. h. ssp. h.] D2

var. *effusa* (Dougl. ex Lehm.) Dorn

[P. e. Dougl. ex. Lehm. var. e.] PLANTS

[P. h. ssp. e. (Dougl. ex Lehm.) Dorn] D2

[P. h.] D, GPF, H, HDH, W & J

[P. h. var. *filicaulis* (Nutt.) Boivin] K

hookeriana Lehm.

[P. h. ssp. h.]

[P. h. ssp. h. var h.]

[P. h. var. h.]

hyparctica Malte

[P. *nana* Willd. ex Schlecht.] PLANTS

- nivea L.
 norvegica L.
 [P. n. ssp. monspeliensis (L.) Asch. & Graebn.]
 [P. m. L.] HDH
 [P. n.] SCS
- ovina Macoun
 var. ovina
 var. decurrents (Wats.) Welsh & B. C. Johnst.
 [P. o.] H, SCS, W & J
 [P. o. var. o.] K?
 [P. plattensis Nutt. ex T. & G.] HDH
- palustris (L.) Scop.
 [Comarum palustre L.] PLANTS
- paradoxa Nutt.
 [P. supina L. ssp. p. (Nutt. ex T. & G.) Sojak] W & J
- pensylvanica L.
 [P. p. var. atrovirens (Rydb.) T. Wolf]
 [P. p. var. strigosa Pursh]
 [P. p. var. virgulata (A. Nels.) T. Wolf]
 [P. v. A. Nels.] SCS
- plattensis Nutt.
- recta L.
 [P. r. var. obscura (Nestler) W. D. J. Koch] K
 [P. r. var. pilosa (Willd.) Ledeb.] K
 [P. r. var. r.] K
 [P. r. var. sulphurea (Lam. & DC.) Peyr.] K
- rivalis Nutt.
 [P. leucocarpa Rydb.] HDH
 [P. millegrana Engelm. ex Lehm.] SCS
 [P. r. var. m. (Engelm. ex Lehm) Wats.]
 [P. r. var. r.]
- rubricaulis Lehm.
 [P. concinna Richards.] D
 [P. c. var. rubripes (Rydb.) C. L. Hitchc.] H
- subjuga Rydb.
 [P. concinna Richards.] D
 [P. c. var. rubripes (Rydb.) C. L. Hitchc.] H
 [P. s. var. s.]
- uniflora Ledeb.
 [P. nivea L.] HDH
 [P. vahliana Lehm.] K

PRUNUS

- americana Marsh.
 emarginata (Dougl. ex Hook.) Walp.

Reported: C. L. Hitchcock, et al., 1961, V. P. Pacific NW 3: 160.
pensylvanica L. f.

[*P. p.* ssp. *corymbulosa* (Rydb.) Wight] HDH, W & J

[*P. p.* var. *saximontana* Rehd.]

[*P. p.* var. *p.*]

pumila L.

var. *besseyi* (Bailey) Gleason

[*P. besseyi* Bailey]

virginiana L.

var. *melanocarpa* (A. Nels.) Sarg.

[*P. v.*] SCS

PURSHIA

tridentata (Pursh) DC.

PYRUS

coronaria L.

[*Malus c.* (L.) Mill.] SCS

[*M. c.* var. *c.*] PLANTS

[*M. c.* var. *?*] K

malus L.

[*Malus sylvestris* (L.) Mill.] K

[*M. s.* Mill.] PLANTS, SCS

ROSA

arkansana Porter

[*R. a.* var. *a.*]

[*R. a.* var. *suffulta* (Greene) Ckll.]

nutkana Presl

var. *hispida* Fern.

sayi Schwein.

[*R. acicularis* Lindl.] HDH

[*R. a.* ssp. *s.* (Schwein.) W. H. Lewis] PLANTS

[*R. engelmannii* Wats.] HDH

woodsii Lindl.

[*R. w.* var. *w.*]

[*R. w.* var. *ultramontana* (Wats.) Jeps.]

RUBUS

acaulis Michx.

[*R. arcticus* L. ssp. *acaulis* (Michx.) Focke] K, PLANTS, W & J

deliciosus Torr.

idaeus L.

var. *aculeatissimus* Regel & Tiling

[*R. i.* ssp. *melanolasius* (Dieck) Focke] W & J

[*R. i.* ssp. *sachalinensis* (Levl.) Focke] K

[*R. i.* ssp. *s.* (Levl.) Focke var. *s.*]

[*R. i.* ssp. *strigosus* (Michx.) Focke] PLANTS

- [R. strigosus Michx.] HDH, SCS
 var. peramoenus (Greene) Fern.
 [R. i. ssp. i.] K, PLANTS
 [R. i. var. p.] H2
 laciniatus Willd.
 parviflorus Nutt.
 var. parviflorus
 pubescens Raf.
 [R. p. var. p.]
SANGUISORBA
 minor Scop.
 ssp. muricata Briq.
 [S. minor ssp. minor] FE, SCS
 [S. minor ssp. muricata (Spach) Nordb.] PLANTS, SCS
SIBBALDIA
 procumbens L.
SORBUS
 scopulina Greene
 var. scopulina
SPIRAEA
 betulifolia Pall.
 var. lucida (Dougl. ex Hook.) C. L. Hitchc.
 [S. b. ssp. l. (Dougl. ex Hook.) Taylor & MacBryde] K
 [S. b. var. l. (Dougl. ex Greene) C. L. Hitchc.] PLANTS
 splendens Baumann ex K. Koch
 [S. densiflora Nutt. ex T. & G. ssp. s. (Baumann ex K. Koch) Abrams] K
 [S. d. var. s. (Baumann ex K. Koch) C. L. Hitchc.]
 [S. d. Nutt. ex Greenm. nomen superfl. var. s.] SCS

RUBIACEAE (RUB)

- GALIUM**
 aparine L.
 var. aparine
 [G. a.] PLANTS
 var. echinospermon (Wallr.) Farw.
 [G. a.] PLANTS
 [G. spurium L. f. vaillantii (DC.) Moore] W & J
 bifolium Wats.
 boreale L.
 [G. b. ssp. b.] SCS
 [G. b. ssp. septentrionale (R. & S.) Hara] SCS, W & J

[G. b. var. b.]
[G. b. var. intermedium DC.]
[G. b. var. s. (R. & S.) Hara] W & J
coloradoense Wight
mollugo L.
trifidum L.
var. trifidum
[G. t. ssp. t.] K, PLANTS, W & J
var. subbiflorum Wieg.
[G. brandegei Gray] HDH
[G. t.] GPF
[G. t. ssp. columbianum (Rydb.) Hult.] K
[G. t. ssp. subbifolium (Wieg.) Puff] W & J
[G. t. ssp. subbiflorum (Wieg.) Piper] PLANTS
[G. t. var. pacificum Wieg.]
triflorum Michx.
verum L.
KELLOGGIA
galoides Torr.

RUPPIACEAE (RUP)

RUPPIA
maritima L.
[R. m. var. m.] SCS
[9 varieties recognized in Kartesz]

SALICACEAE (SAL)

POPULUS
× acuminata Rydb.
[P. angustifolia × deltoides]
[P. angustifolia × fremontii]
alba L.
angustifolia James
balsamifera L.
var. balsamifera
[P. b. ssp. b.] K, PLANTS
[P. candicans Ait.] HDH, W & J
var. californica Wats.
[P. b. L.] D
[P. b. ssp. trichocarpa (T. & G. ex Hook.) Brayshaw] K, PLANTS, SCS

- [P. t. T. & G. ex Hook.]
 × *brayshawii* Boivin
 [P. *angustifolia* × *balsamifera*]
 × *canadensis* Moench
 [P. *deltoides* × *nigra*] Cultivated
deltoides Bartram ex Marsh.
 var. *occidentalis* Rydb.
 [P. d. ssp. *monilifera* (Ait.) Eckenw.] PLANTS
 [P. *sargentii* Dode] HDH, P, W & J
 var. *wislizenii* (Wats.) Dorn
 [P. d. ssp. *wislizeni* (Wats.) Eckenw.] PLANTS
 [P. *fremontii* Wats. var. *w.* Wats.] WU
 [P. *w.* (Wats.) Sarg.] HDH
 × *jackii* Sarg.
 [P. *balsamifera* × *deltoides*]
nigra L.
 [P. *n.* var. *italica* Muenchh.]
 Cultivated
tremuloides Michx.
 [P. *tremula* L. ssp. *tremuloides* (Michx.) Löve & Löve] SCS
- SALIX**
- amygdaloides* Andersss.
 [S. *amygdaloides* f. *angustissima* E. C. Sm.] HDH, W & J
 [S. *amygdaloides* f. *pilosiuscula* Schneid.] HDH, W & J
arctica Pall.
 var. *petraea* Andersss.
 [S. *anglorum* Cham. var. *antiplasta* Schneid.] HDH
 [S. *anglorum* ssp. *p.* (Andersss.) Löve et al.] W & J
 [S. *arctica* ssp. *arctica*] SCS
 [S. *arctica* R. Br. ex Richards.] PLANTS
- babylonica* L.
 [Cultivated]
- barclayi* Andersss.
 [S. *b.* var. *b.*] HDH
 [S. *b.* var. *hebecarpa* Andersss.] HDH
- barrattiana* Hook.
- bebbiana* Sarg.
 var. *bebbiana*
 [S. *b.*] PLANTS
 [S. *b.* var. *perrostrata* (Rydb.) Schneid.] HDH, W & J?
 [S. *starkeana* Willd. ssp. *b.* (Sarg.) Youngb.] W & J
- boothii* Dorn
 [S. *myrtillifolia* Andersss.] H, P
 [S. *pseudocordata* (Andersss.) Rydb.] HDH

- brachycarpa Nutt.
 var. brachycarpa
 [S. b. ssp. b.] W & J
 [S. b. ssp. b. var. b.] PLANTS
 [S. b. var. antimima Raup] HDH
 [S. b. var. sansonii Ball] HDH
 candida Flugge ex Willd.
 cascadensis Ckll.
 [S. c. var. c.]
 discolor Muhl.
 drummondiana Barr. ex Hook.
 [S. subcoerulea Piper] HDH, W & J
 eastwoodiae Ckll. ex Heller
 [S. commutata Bebb] H, P
 eriocephala Michx.
 [S. eriocephala Michx. ssp. eriocephala var. famelica (Ball) Dorn]
 exigua Nutt.
 var. exigua
 [S. e.] PLANTS
 [S. e. ssp. e.] GPF, SCS
 [S. e. ssp. interior (Rowlee) Cronq.] GPF, H, SCS
 [S. e. var. luteosericea (Rydb.) Schneid.] HDH, W & J
 [S. e. var. stenophylla (Rydb.) Schneid.] HDH, W & J
 [S. fluviatilis Nutt.] H
 [S. i. Rowlee] P
 [S. i. var. i.] HDH, W & J
 var. pedicellata (Andersss.) Cronq.
 [S. e.] PLANTS
 [S. interior var. p. (Andersss.) Ball] HDH, W & J
 farriae Ball
 fragilis L.
 geyeriana Anderss.
 var. geyeriana
 [S. g.] PLANTS
 [S. g. var. argentea (Bebb) Schneid.] HDH, K, W & J
 glauca L.
 var. villosa (Hook.) Anderss.
 [S. cordifolia Pursh var. callicarpa (Trautv.) Fern.] HDH
 [S. g. ssp. g.]
 [S. g. ssp. g. var. v.]
 [S. g. ssp. g. var. v. (D. Don ex Hook.) Anderss.] PLANTS
 [S. g. var. glabrescens (Andersss.) Schneid.] HDH
 [S. g. var. glauca] W & J
 [S. orestera Schneid.] PLANTS

- [S. pseudolappum von Seem.] HDH
irrorata Anderss.
lasiandra Benth.
 var. *caudata* (Nutt.) Sudw.
 [S. c. (Nutt.) Heller var. *bryantiana* Ball & Bracelin] HDH, W & J
 [S. c. var. c.] HDH, W & J
 [S. l.] HDH, W & J
 [S. lucida Muhl. ssp. c. (Nutt.) E. Murr.] PLANTS
lemonii Bebb
ligulifolia Ball ex Schneid.
 [S. eriocephala Michx. ssp. *mackenzieana* (Hook.) Dorn var. l. (Ball)
 Dorn]
 [S. ligulifolia (Ball) Ball ex Schneid.] PLANTS
 [S. lutea Nutt. var. *ligulifolia* Ball] HDH
 [S. rigida Muhl. var. *ligulifolia* (Ball ex Schneid.) Argus] P
 [S. r. var. *watsonii* (Bebb) Cronq.] H in part, GPF
lutea Nutt.
 [S. eriocephala Michx. ssp. *mackenzieana* (Hook.) Dorn var. *watsonii* (Bebb) Dorn]
 [S. l. var. *famelica* Ball] HDH, W & J
 [S. l. var. l.] HDH, W & J
 [S. l. var. *platyphylla* Ball] HDH, W & J
 [S. rigida Muhl. var. *watsonii* (Bebb) Cronq.] H in part, GPF
melanopsis Nutt.
 [S. exigua Nutt. ssp. m. (Nutt.) Cronq.] H
 [S. m. var. *tenerima* (Henders.) Ball] HDH, W & J
monochroma Ball
 [S. eriocephala Michx. ssp. *mackenzieana* (Hook.) Dorn var. *monochroma* (Ball)
 Dorn]
monticola Bebb
 [S. pseudomonticola Ball var. *padophylla* (Rydb.) Ball] HDH
myrtillifolia Anderss.
 var. *myrtillifolia*
pentandra L.
 [Cultivated]
planifolia Pursh
 var. *planifolia*
 [S. *phylicifolia* L.] H
 [S. *phylicifolia* ssp. *planifolia* (Pursh) Hiit.] W & J
 [S. *planifolia* ssp. *planifolia*] PLANTS, SCS
 [S. *planifolia* ssp. *planifolia* var. *planifolia*]
 [S. *planifolia* var. *nelsonii* (Ball) Ball] HDH
 var. *monica* (Bebb) Schneid.
 [S. *phylicifolia* L.] H
 [S. *planifolia* ssp. *planifolia*] PLANTS, SCS

[S. planifolia ssp. planifolia var. m. (Bebb) Schneid.] HDH
 prolixa Anderss.
 [S. eriocephala Michx. ssp. mackenzieana (Hook.) Dorn var. mackenzieana
 (Hook.) Dorn]
 pseudomonticola Ball
 [S. monticola Bebb] H
 [S. myrtillifolia Anderss.] P
 reticulata L.
 var. nana Anderss.
 [S. nivalis Hook.] H
 [S. nivalis var. nivalis] HDH
 [S. nivalis var. saximontana (Rydb.) Schneid.] HDH
 [S. r. ssp. nivalis (Hook.) Á. & D. Löve & Kapoor] PLANTS
 [S. r. var. nana (Hook.) Anderss.] PLANTS, pro syn.
 rotundifolia Trautv.
 var. dodgeana (Rydb.) E. Murray
 [S. d. Rydb.] H, P
 [S. r. ssp. d. (Rydb.) Argus] PLANTS
 scouleriana Barr. ex Hook.
 serissima (Bailey) Fern.
 tweedyi (Bebb ex Rose) Ball
 wolfii Bebb
 var. idahoensis Ball
 [S. w.] PLANTS
 var. wolfii
 [S. w.] PLANTS

SANTALACEAE (SAN)

COMANDRA

umbellata (L.) Nutt.
 var. pallida (A. DC.) Jones
 [C. p. A. DC.] P
 [C. u.] HDH
 [C. u. ssp. p. (A. DC.) Piehl] GPF, K, PLANTS, SCS, W & J

SAXIFRAGACEAE (SAX)

BOYKINIA

heucheriformis (Rydb.) Rosend.
 [Saxifraga jamesii Torr.] HDH
 [Telsonix j. (Torr.) Raf.] W & J

- [T. j. var. h. (Rydb.) Bacig.] SCS
jamesii (Torr.) Engler
 Reported: Albany County, J. G. Packer & D. H. Vitt, 1974, Canad. J. Bot. 52: 1405.
- CONIMITELLA**
williamsii (D. C. Eat.) Rydb.
- HEUCHERA**
bracteata (Torr.) Ser.
cylindrica Dougl. ex Hook.
 var. *suksdorffii* (Rydb.) Dorn
 [H. c. var. c.] PLANTS
parvifolia Nutt. ex T. & G.
 [H. p. var. p.] H, K, SCS. W & J
 [H. p. var. *utahensis* (Rydb.) Garrett] H, K, SCS
richardsonii R. Br.
 [H. r. var. r.] SCS
- LITHOPHRAGMA**
glabrum Nutt.
 var. *ramulosum* (Suksd.) Boivin
 [L. *bulbifera* Rydb.] H, HDH
 [L. *bulbiferum* Rydb.] SCS
 [L. g.] PLANTS
parviflorum (Hook.) Nutt. ex T. & G.
tenellum Nutt.
 [L. t. var. t.] SCS
- MITELLA**
pentandra Hook.
stauropetala Piper
 var. *stenopetala* (Piper) Rosend.
 [M. *stenopetala* Piper] HDH
- PARNASSIA**
fimbriata König
 var. *fimbriata*
kotzebuei Cham. ex Spreng.
 var. *kotzebuei*
 [P. k.] PLANTS
palustris L.
 var. *montanensis* (Fern. & Rydb.) C. L. Hitchc.
 [P. p. var. m. (Fern. & Rydb. ex Rydb.) C. L. Hitchc.] PLANTS
parviflora DC.
- SAXIFRAGA**
adscendens L.
 var. *oregonensis* (Raf.) Breit.
 [S. a.] HDH
 [S. a. ssp. o. (Raf.) Bacig.] K, PLANTS, W & J

bronchialis L.

var. *austromontana* (Wieg.) Piper ex G. N. Jones

[S. b.] HDH

[S. b. ssp. a. (Wieg.) Piper] K, PLANTS, W & J

[S. b. var. a. (Wieg.) G. N. Jones]

cernua L.

cespitosa L.

var. *minima* Blank.

[S. *caespitosa*] HDH

[S. *caespitosa* ssp. *delicatula* (Small) Porsild] K, W & J

[S. *caespitosa* ssp. *monticola* (Small) Porsild] K, W & J

[S. *cespitosa* ssp. *cespitosa* var. *minima* Blank.] SCS

[S. *cespitosa* ssp. m.] PLANTS

flagellaris Willd. ex Sternb.

var. *crandallii* (Gand.) Dorn

[S. f. ssp. c. (Gandog.) Hult.] PLANTS

[S. f. ssp. f.]

[S. f. ssp. *platysepala* (Trautv.) Porsild] W & J

nidifica Greene

var. *nidifica*

occidentalis Wats.

[S. o. var. o.]

odontoloma Piper

[S. *arguta* D. Don] H, HDH, SCS

oppositifolia L.

[S. o. ssp. o.]

rhomboidea Greene

[S. r. var. r.]

rivularis L.

var. *debilis* (Engelm. ex Gray) Dorn

[S. d. Engelm. ex Gray]

[S. *hyperborea* R. Br.] D

[S. h. ssp. d. (Engelm. ex Gray) Löve et al.] W & J

[S. r.] PLANTS

[S. r. ssp. h. (R. Br.) Dorn var. d. (Engelm. ex Gray) Dorn] D2

var. *flexuosa* (Sternb.) Engl. & Irmsch.

[S. *debilis* Engelm. ex Gray] H

[S. *hyperborea* R. Br.] SCS

[S. r.] PLANTS

[S. r. ssp. r. var. f. (Sternb.) Engl. & Irmsch.] D2

serpyllifolia Pursh

var. *chrysantha* (Gray) Dorn

[S. c. Gray] PLANTS

[S. s. ssp. c. (Gray) W. A. Weber] W & J

subapetala E. Nels.

[*S. oregana* Howell var. s. (E. Nels) C. L. Hitchc.]

SULLIVANTIA

hapemanii (Coulter & Fish.) Coulter.

var. hapemanii

[*S. h.*]

SCROPHULARIACEAE (SCR)

AGALINIS

tenuifolia (Vahl) Raf.

var. parviflora (Nutt.) Penn.

[*Gerardia t.* Vahl] HDH

BACOPA

rotundifolia (Michx.) Wettst.

BESSEYA

alpina (Gray) Rydb.

plantaginea (James) Rydb.

[*B. p.* (Benth.) Rydb.] SCS

wyomingensis (A. Nels.) Rydb.

[*B. cinerea* (Raf.) Penn.] HDH

CASTILLEJA

angustifolia (Nutt.) G. Don

var. angustifolia

var. dubia A. Nels.

[*C. applegatei* Fern. ssp. *martinii* (Abrams) Chuang & Heckard] PLANTS

[*C. chromosa* A. Nels. var. *chromosa*]

[*C. c.* var. *d.* A. Nels.]

applegatei Fern.

var. *viscida* (Rydb.) M. Ownbey

[*C. a.* var. *a.*] SCS

[*C. a.* ssp. *pinetorum* (Fern.) Chuang & Heckard] PLANTS

cristagalli Rydb.

[*C. crista-galli*] PLANTS

cusickii Greenm.

exilis A. Nels.

[*C. minor* (Gray) Gray ssp. *m.*] PLANTS

flava Wats.

var. *flava*

linariifolia Benth.

miniata Dougl. ex Hook.

var. *miniata*

[*C. gracillima* Rydb.]

- [C. m. ssp. m. var. m.] SCS
nivea Penn. & Ownbey
pallescens (Gray) Greenm.
 var. *pallescens*
pilosa (Wats.) Rydb.
 var. *longispica* (A. Nels.) N. Holmgren
 [C. *longispica* A. Nels.]
pulchella Rydb.
rhexifolia Rydb.
sessiliflora Pursh
sulphurea Rydb.
 [C. *septentrionalis* Lindl.] HDH
CHIONOPHILA
jamesii Benth.
COLLINSIA
parviflora Lindl.
CORDYLANTHUS
ramosus Nutt. ex Benth.
 [C. r. ssp. r.]
GRATIOLA
neglecta Torr.
 var. *neglecta*
 [G. n.] PLANTS
LIMOSELLA
aquatica L.
LINARIA
canadensis (L.) Dum. Cours.
 var. *texana* (Scheele) Penn.
 [L. c. (L.) Chaz. var. t.] PLANTS, pro syn.
 [L. t. Scheele] HDH, K, SCS, W & J
 [Nuttallanthus texanus (Scheele) D. A. Sutton] PLANTS
dalmatica (L.) Mill.
 ssp. *dalmatica*
 [L. d. var. *macedonica* Fanzl.] HDH, W & J
 [L. *genistifolia* (L.) Mill. ssp. d. (L.) Maire & Petitmengin] K, SCS
vulgaris Mill.
MIMULUS
breviflorus Piper
breweri (Greene) Cov.
floribundus Lindl.
 var. *floribundus*
 [M. f.] C, PLANTS
 [M. f. ssp. f. var. f.] SCS
 [M. f. ssp. f. var. *membranaceus*] SCS

- [M. f. var. m. (A. Nels.) A. Grant]
glabratus H.B.K.
 var. *jamesii* (T. & G. ex Benth.) Gray
 [M. *fremontii* (Benth.) Gray] SCS
 [M. g.] C
 [M. g. var. f (Benth.) A. Grant]
guttatus DC.
 var. *guttatus*
 [M. g.] PLANTS
 [M. g. ssp. g.]
 [M. g. var. *depauperatus* (Gray) A. Grant] H
lewisii Pursh
moschatus Dougl. ex Lindl.
 var. *moschatus*
nanus H. & A.
patulus Penn.
 [M. *washingtonensis* Gandog.] PLANTS
rubellus Gray
suksdorffii Gray
tilingii Regel
 var. *tilingii*
 [M. *guttatus* DC.] HDH
ORTHOCARPUS
luteus Nutt.
tolmiei H. & A.
PEDICULARIS
bracteosa Benth.
 var. *paysoniana* (Penn.) Cronq.
 [P. b. Benth. ex Hook. var. p.]
 [P. p. Penn.] HDH
contorta Benth.
 var. *contorta*
 [P. c. Benth. ex Hook. var. c.]
 var. *ctenophora* (Rydb.) Nels. & Macbr.
 [P. c. Benth. ex Hook. var *ctenophora*]
crenulata Benth.
cystopteridifolia Rydb.
groenlandica Retz.
 [P. g. ssp. *surrecta* (Benth. ex Hook.) Piper] K
 [P. g. var. s. (Benth. ex Hook.) Gray]
oederi Vahl ex Hornem.
 [P. o. Vahl]
parryi Gray
 var. *parryi*

- [P. p. ssp. p.] PLANTS
var. mogollonica (Greene) Dorn
[P. p. ssp. m. (Greene) Carr] PLANTS
[P. p. var. p.] C
var. purpurea Parry
[P. p. ssp. purpurea (Parry) Carr] PLANTS
procera Gray
[P. grayi A. Nels.] HDH, SCS, W & J
pulchella Penn.
racemosa Dougl. ex Benth.
var. alba (Penn.) Cronq.
[P. r.] SCS
[P. r. ssp. a. Penn.] K, PLANTS, W & J
[P. r. Dougl. ex Hook. var a.]
- PENSTEMON
absarokensis Evert
acaulis L. Williams
albidus Nutt.
angustifolius Nutt. ex Pursh
var. angustifolius
[P. a. ssp. a.] HDH, W & J
var. caudatus (Heller) Rydb.
[P. a. ssp. c. (Heller) Keck] HDH, W & J
arenicola A. Nels.
aridus Rydb.
attenuatus Dougl. ex Lindl.
var. pseudoprocerus (Rydb.) Cronq.
[P. p.]
[P. a. ssp. p. (Rydb.) Keck] SCS
caespitosus Nutt. ex Gray
var. caespitosus
[P. c. ssp. c.] SCS
caryi Penn.
cyananthus Hook.
[P. c. ssp. c.] SCS
[P. c. ssp. subglaber (Gray) Penn.] SCS
[P. c. var. c.] C
[P. c. var. s. (Gray) N. Holmgren] C
cyaneus Penn.
cyathophorus Rydb.
deustus Dougl. ex Lindl.
var. deustus
[P. d. ssp. d.] K, SCS
eriantherus Pursh

var. eriantherus
var. cleburnei (Jones) Dorn
[P. c. Jones]
[P. e.] D
fremontii T. & G. ex Gray
var. fremontii
[P. f. T. & G.]
fruticosus (Pursh) Greene
var. fruticosus
[P. f. ssp. f.] SCS
gibbensii Dorn
glaber Pursh
var. glaber
var. alpinus (Torr.) Gray
[P. alpinus Torr.]
[P. a. ssp. a.] HDH, K, SCS, W & J
[P. g. ssp. a. (Torr.) Crosswh.]
gracilis Nutt.
[P. g. ssp. g.] SCS
[P. g. var. g.] K
grandiflorus Nutt.
[P. bradburii Pursh] Crosswhite, K
humilis Nutt. ex Gray
var. humilis
[P. h. ssp. h.] PLANTS, SCS
laricifolius H. & A.
var. laricifolius
[P. l. ssp. l.] HDH, K, PLANTS, SCS, W & J
var. exilifolius (A. Nels.) Pays.
[P. l. ssp. e. (A. Nels.) Keck] HDH, K, PLANTS, SCS, W & J
montanus Greene
var. montanus
[P. m. ssp. m.] SCS
nitidus Dougl. ex Benth.
var. nitidus
pachyphyllus Gray ex Rydb.
var. mucronatus (N. Holmgren) Neese
[P. m. N. Holmgren]
[P. p.] D
paysoniorum Keck
procerus Dougl. ex Grah.
var. procerus
[P. confertus Dougl. var. p. (Dougl. ex Grah.) Cov.]
[P. c. ssp. p. (Dougl. ex Grah.) Clark var. p.] W & J

- [P. p. ssp. p.] GPF, SCS
radicosus A. Nels.
rydbergii A. Nels.
 var. *rydbergii*
 [P. r. ssp. r.] H, HDH, W & J
 var. *aggregatus* (Penn.) N. Holmgren
 [P. r. ssp. a. (Penn.) Keck] H, HDH, W & J
 saxosorum Penn.
 secundiflorus Benth.
 strictus Benth.
 [P. s. ssp. s.] HDH, K, SCS, W & J
 subglaber Rydb.
 virens Penn. ex Rydb.
 virgatus Gray
 var. *asa-grayi* (Crosswh.) Dorn
 [P. *unilateralis* Rydb.] HDH, PLANTS
 [P. v. ssp. a. Crosswh.]
 watsonii Gray
 whippleanus Gray
SCROPHULARIA
 lanceolata Pursh
SYNTHYRIS
 pinnatifida Wats.
 var. *pinnatifida*
VERBASCUM
 thapsus L.
VERONICA
 americana Schwein. ex Benth.
 anagallis-aquatica L.
 arvensis L.
 biloba L.
 catenata Penn.
 [V. *anagallis-aquatica* L.] PLANTS
 [V. *salina* Schur] HDH
 peregrina L.
 var. *xalapensis* (H.B.K.) St. John & Warren
 [V. p. ssp. x. (H.B.K.) Penn.] K, W & J
 [V. p. ssp. x. (Kunth) Penn.] PLANTS
 [V. p. var. x. (H.B.K.) Penn.]
 [V. p. var. x. (Kunth) Penn.] PLANTS, pro syn.
 persica Poir.
 [V. p. ?var. p.]
 [V. p. ?var. *aschersoniana* (Lehm.) Boivin]
 scutellata L.

serpyllifolia L.
var. *humifusa* (Dickson) Vahl
[*V. s.* ssp. *h.* (Dickson) Syme] K, PLANTS, W & J
[*V. s.* ssp. *h.* (Dickson ex With.) Syme] SCS
wormskjoldii R. & S.

SOLANACEAE (SOL)

DATURA

wrightii Regel
[*D. meteloides* DC.]
[*D. innoxia* Mill.] K, SCS

HYOSCYAMUS

niger L.

LYCIUM

barbarum L.
[*L. halimifolium* Mill.] D, GPF, H, HDH, SCS, W & J

NICOTIANA

attenuata Torr. ex Wats.

PHYSALIS

hederifolia Gray
var. *comata* (Rydb.) Waterfall
heterophylla Nees
var. *heterophylla*
hispida (Waterfall) Cronq.
[*P. lanceolatus* Michx.] HDH
[*P. pumila* Nutt. ssp. *h.* (Waterfall) Hinton]
[*P. virginiana* Mill.] D
[*P. v.* var. *h.* Waterfall] GPF, SCS, W & J

longifolia Nutt.

virginiana Mill.

[*P. longifolia* Nutt.] HDH
[*P. l.* var. *l.*] C, H, SCS
[*P. l.* var. *subglabrata* (Mack. & Bush) Cronq.] H, SCS
[*P. v.* var. *sonorae* (Torr.) Waterfall]
[*P. v.* var. *v.*]

SOLANUM

dulcamara L.
nigrum L.
var. *virginicum* L.
[*S. americanum* Mill.] PLANTS, W & J
[*S. n.*] SCS
physalifolium Rusby

var. nitidibaccatum (Bitter) Edmonds
[S. p.] PLANTS
[S. sarrachoides Sendt.]
rostratum Dunal
[S. cornutum Lam.] K
triflorum Nutt.

SPARGANIACEAE (SPG)

SPARGANIUM
angustifolium Michx.
[S. a.] PLANTS
[S. emersum Rehm.] K
[S. e. var. a. (Michx.) Taylor & Macbryde] SCS
emersum Rehm.
[S. angustifolium Michx.] PLANTS
[S. e. var. multipedunculatum (Morong) Reveal]
[S. m. (Morong) Rydb.] HDH, P
[S. simplex Huds. var. m. Morong] H
eurycarpum Engelm. ex Gray
minimum Fries
[S. m. (Hartm.) Fr.] SCS
[S. m. (Hartman) Wallr.] PLANTS, pro syn.
[S. nutans L.] PLANTS

TAMARICACEAE (TAM)

TAMARIX
chinensis Lour.
[T. gallica L.] HDH
[T. pentandra Pall.] W & J
[T. ramosissima L.] GPF, SCS in part?

TYPHACEAE (TYP)

TYPHA
angustifolia L.
× glauca Godr.
[T. angustifolia × latifolia]
latifolia L.

ULMACEAE (ULM)

CELTIS

occidentalis L.

ULMUS

americana L.

pumila L.

URTICACEAE (URT)

PARIETARIA

pensylvanica Muhl. ex Willd.

URTICA

dioica L.

var. *occidentalis* Wats.

[*U. d.* ssp. *gracilis* (Ait.) Seland. var. *holosericea* (Nutt.) C. L. Hitch.] H, K, W & J

[*U. d.* ssp. *h.* (Nutt.) Thorne] PLANTS

[*U. h.* Nutt.] P

var. *procera* (Muhl. ex Willd.) Wedd.

[*U. d.* ssp. *gracilis* (Ait.) Seland.] PLANTS

[*U. d.* ssp. *g.* var. *angustifolia* Schlect.] H, K, W & J

[*U. d.* ssp. *g.* var. *procera* (Muhl. ex Willd.) Wedd.] K, W & J

VALERIANACEAE (VAL)

VALERIANA

acutiloba Rydb.

var. *acutiloba*

[*V. a.*] K, SCS

[*V. capitata* Pall. ex Link ssp. *a.* (Rydb.) F. G. Mey.] HDH, W & J

var. *pubicarpa* (Rydb.) Cronq.

[*V. capitata* Pall. ex Link ssp. *a.* (Rydb.) F. G. Mey.] HDH, W & J

[*V. c.* ssp. *p.* (Rydb.) F. G. Mey.]

[*V. p.* Rydb.] K, SCS

dioica L.

var. *sylvatica* (Sol. ex Richards.) Wats.

[*V. d.* ssp. *s.* (Richards.) F. G. Mey.] K

[*V. d.* ssp. *s.* (Soland. ex Richards.) F. G. Meyer] SCS

[*V. d.* var. *s.* Wats.] PLANTS

[*V. d.* var. *s.* (Richards.) Wats.]

edulis Nutt. ex T. & G.

var. edulis
[V. e. ssp. e.] SCS
occidentalis Heller

VERBENACEAE (VRB)

GLANDULARIA

bipinnatifida (Nutt.) Nutt.
var. *bipinnatifida*
[*Verbena b.* Nutt.] D, GPF, HDH, SCS, W & J

PHRYMA

leptostachya L.

PHYLA

cuneifolia (Torr.) Greene

VERBENA

bracteata Lag. & Rodr.
hastata L.
[V. h. ?var. *scabra* Moldenke]
stricta Vent.

VIOLACEAE (VIO)

VIOLA

adunca Sm.
[V. a. ssp. a.] W & J
[V. a. ssp. a. var. *bellidifolia* (Greene) Harrington] SCS
[V. a. ssp. b. (Greene) Harrington] W & J
[V. a. var. a.]
[V. a. var. b.]

canadensis L.
[V. c. var. c.]
[V. c. var. *corymbosa* Nutt. ex T. & G.] K
[V. c. var. *rugulosa* (Greene) C. L. Hitchc.] K, PLANTS
[V. r. Greene] HDH

macloskeyi Lloyd
var. *pallens* (Banks ex DC.) C. L. Hitchc.
[V. *epipsila* Ledeb. ssp. *repens* (Turcz.) Becker] W & J
[V. m. ssp. p. (Banks ex DC.) Baker] K, PLANTS
[V. p. (Banks) Brainerd] SCS
[V. *palustris* L. ssp. *brevipes* Baker] HDH
nephrophylla Greene
[V. n. var. *cognata* (Greene) C. L. Hitchc.] H, K

- [V. n. var. n.] H, K
- [V. sororia Willd.] PLANTS
- [V. s. var. affins (Le Conte) McKinney]
- nuttallii Pursh
 - [V. n. ssp. n.] K
 - [V. n. var. n.] H, HDH, SCS, W & J
- orbiculata Geyer ex Holz.
- palustris L.
 - [V. epipsila Ledeb. ssp. repens (Turcz.) Becker] W & J
 - [V. p. ssp. p.] HDH
 - [V. p. var. brevipes (Baker) R. J. Davis]
 - [V. p. var. p.]
- pedatifida G. Don
- praemorsa Dougl. ex Lindl.
 - [V. nuttallii Pursh var. linguaefolia (Nutt.) Jeps.] HDH
 - [V. n. var. major Hook.] H, W & J
 - [V. p. ssp. p.] SCS
 - [V. p. ssp. m. (Hook.) M. S. Baker] SCS
 - [V. p. var. m. (Hook.) Peck]
- pubescens Ait.
 - [V. p. var. p.] SCS
 - [V. p. var. eriocarpa (Schwein.) Russell]
 - [V. p. var. peckii House]
- purpurea Kellogg
 - var. venosa (Wats.) Brainerd
 - [V. p. ssp. p. var. p.] SCS
 - [V. p. ssp. p. var. v. (Wats.) Brainerd] SCS
 - [V. p. ssp. v. (Wats.) Baker & Clausen] K, PLANTS, W & J
- reniformis Gray
 - var. brainerdii (Greene) Fern.
 - [V. r.] PLANTS
 - [V. r. var. r.]
- tricolor L.
 - [V. t. ssp. ?] FE
- utahensis Baker & Clausen
 - [V. purpurea Kellogg] D
 - [V. u. Baker & Clausen ex Baker] PLANTS
- vallicola A. Nels.
 - [V. nuttallii Pursh ssp. v. (A. Nels.) Taylor & MacBryde] K
 - [V. n. var. v. (A. Nels.) St. John] H, HDH, SCS, W & J
 - [V. v. var. v.] PLANTS

VISCACEAE (VIS)

ARCEUTHOBIUM

americanum Nutt. ex Engelm.
cyanocarpum (A. Nels. ex Rydb.) A. Nels.
[*A. campylopodium* Engelm.] SCS
[*A. campylopodium* Engelm. f. *cyanocarpum* (A. Nels. ex Rydb.) Gill] H, HDH, P
douglasii Engelm.

VITACEAE (VIT)

PARTHENOCISSUS

vitacea (Knerr) Hitchc.
[*P. inserta* (Kern.) Fritsch]

VITIS

riparia Michx.
[*V. vulpina* L.] HDH, SCS?
[*V. r. var. r.*] SCS

ZANNICHELLIACEAE (ZAN)

ZANNICHELLIA

palustris L.

ZYGOPHYLLACEAE (ZYG)

TRIBULUS

terrestris L.